



**BOARD OF DIRECTORS
EAST BAY MUNICIPAL UTILITY DISTRICT**

375 - 11th Street, Oakland, CA 94607

Office of the Secretary: (510) 287-0440

AGENDA
REGULAR CLOSED SESSION

Tuesday, June 13, 2023

11:00 a.m.

Boardroom

375 11th Street

Oakland, CA 94607

President Andy Katz will participate via teleconference from Markt 8, Bonn, 53111 Germany

*****Please see appendix for public participation instructions*****

ROLL CALL:

PUBLIC COMMENT: The Board of Directors is limited by State law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.

ANNOUNCEMENT OF CLOSED SESSION AGENDA:

1. Existing litigation pursuant to Government Code section 54956.9(a):
 - a. *Saji Pierce, et al. v. East Bay Municipal Utility District*
USDC, N.D. Cal., Case No. 3:21-cv-04325-AGT
 - b. *Jaynie Campana and John Evilsizor v. East Bay Municipal Utility District*
Court of Appeal, First Appellate District, Division 4, Case No. A163054
 - c. *Jaynie Campana v. East Bay Municipal Utility District*
Alameda County Superior Court, Case No. RG21115040
 - d. Applications of Pacific Gas and Electric Company for Approval to Transfer Certain Generation Assets to Pacific Generation LLC
CPUC Application No. 22-09-018
FERC Docket No. EC23-38-000
2. Significant exposure to litigation pursuant to Government Code section 54956.9(d)(2):
one matter.

(The Board will discuss Closed Session agenda items in Conference Room 8.)

REGULAR BUSINESS MEETING
1:15 p.m.

President Andy Katz will participate via teleconference from Markt 8, Bonn, 53111 Germany

*****Please see appendix for public participation instructions*****

ROLL CALL:

BOARD OF DIRECTORS:

- Pledge of Allegiance

ANNOUNCEMENTS FROM CLOSED SESSION:

PRESENTATIONS:

- Western Region Minority Supplier Development Council Awards
 - 2023 Unsung Hero Award
 - Women’s Business Enterprise Council Pacific – Agency Advocate of the Year Award 2021
 - Women’s Business Enterprise Council Pacific – Agency Advocate Winner of the Year Award 2021
 - 2020 Local Corporation of the Year Award
- 2023 Alameda County Science Fair Winner

PUBLIC COMMENT: The Board of Directors is limited by State law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.

CONSENT CALENDAR: (Single motion and vote approving 8 recommendations.)

1. Approve the Regular Meeting Minutes of May 23, 2023.
2. File correspondence with the Board.
3. Award a sole source contract beginning on or after June 13, 2023 to Honeywell International, Inc. dba Honeywell Process Solutions for supplying two distributed control systems Experion hardware and software packages for the Lafayette and Walnut Creek water treatment plants, and a three-year support services agreement for Lafayette WTP, for a total cost, after the addition of taxes, not to exceed \$3,654,074.11.
4. Authorize an agreement beginning on or after June 13, 2023, with Buhler Commercial in an amount not to exceed \$353,500 to install bridge abutments for the Two Dog Fish Passage Project.
5. Authorize an agreement beginning on or after July 1, 2023 with the City of Orinda in an amount not to exceed \$148,500 for restoring asphalt pavement on Miner Road as part of the Happy Valley and Sunnyside pumping plants and Happy Valley Pipeline Phase 2 Improvements Project under Specification 2120.

CONSENT CALENDAR: (Continued)

6. Authorize agreements with the cities of Oakland, Berkeley, Emeryville, San Leandro; Oro Loma Sanitary District and Dublin San Ramon Services District for the District to provide billing and collection services for sewer service charges for the period July 1, 2023 to June 30, 2033.
7. Authorize an agreement beginning on or after July 1, 2023 with Civicorps for one year for an amount not to exceed \$618,000 to provide vegetation control and related services at various District properties.
8. Authorize an agreement beginning on or after June 13, 2023 with Comprehensive Construction Services, Inc. in an amount not to exceed \$510,389 for materials and labor for renovating Pardee Center's hydropower crew quarters.

PUBLIC HEARING:

9. Conduct a public hearing to consider revisions to the water and wastewater system schedules of rates and charges, capacity charges and other fees recommended in the Biennial Report and Recommendation of the General Manager for Fiscal Years 2024 and 2025.

DETERMINATION AND DISCUSSION:

10. Adopt rates, charges, fees, and regulations for Fiscal Years 2024 (FY 2024) and 2025 (FY 2025).
 - 10.1. Adopt the rates and charges subject to Proposition 218 recommended in the Biennial Report and Recommendation of the General Manager for FY 2024 and FY 2025 filed with the Board of Directors on May 9, 2023. (Resolution)
 - 10.2. Adopt the rates, charges, fees, and regulations not subject to Proposition 218 for FY 2024 recommended in the Biennial Report and Recommendation of the General Manager for FY 2024 and FY 2025 filed with the Board of Directors on May 9, 2023. (Resolution)
11. Adopt a resolution adopting operating, debt service, and capital budgets for the Water and Wastewater systems for FY 2024 and FY 2025 as recommended in the FY 2024 and FY 2025 Proposed Biennial Budget presented to the Board of Directors on March 28, 2023 with minor modifications thereto, establishing the terms and conditions for the payment of demands against the District, delegating authority for certain budget implementation actions, and expressing the District's intention to issue tax exempt debt obligations for reimbursement of expenditures for certain capital improvement projects. (Resolution)
12. Adopt the proposed position resolution for FY 2024 and FY 2025 to implement necessary staffing and classification changes. (Resolution)
13. File the Report and Recommendation of the General Manager to Transfer Unpaid Liens for Delinquent Charges to Alameda and Contra Costa counties' 2023-2024 Property Tax Rolls.

DETERMINATION AND DISCUSSION: (Continued)

14. Take actions related to the Final Mitigated Negative Declaration (MND) for the Wildcat Pumping Plant (PP) Project (Project). (Resolution)
 - 14.1. Adopt the Final MND for the Wildcat PP Project.
 - 14.2. Make findings in accordance with the California Environmental Quality Act (CEQA).
 - 14.3. Adopt the Mitigation Monitoring and Reporting Plan in accordance with CEQA.
 - 14.4. Adopt the Practices and Procedures Monitoring and Reporting Plan.
 - 14.5. Approve the Project.
15. Legislative Update.
 - Receive Legislative Report No. 05-23 and consider positions on the following bills: AB 388 (Connolly) Wildfire and Forest Resilience Action Plan: Implementation Strategies: Roadmap; AB 460 (Bauer-Kahan) State Water Resources Control Board: Water Rights and Usage: Interim Relief: Procedures; AB 754 (Papan) Water Management Planning: Water Shortages; AB 755 (Papan) Water: Public Entity: Cost-Of-Service Analysis; AB 1337 (Wicks) State Water Resources Control Board: Water Diversion Curtailment; H.R. 2964 (McClain) Wastewater Infrastructure Pollution Prevention and Environmental Safety Act; and S. 1350 (Merkley) Wastewater Infrastructure Pollution Prevention and Environmental Safety Act
 - Update on Legislative Issues of Interest to EBMUD
16. General Manager's Report.
 - Monthly Report – May 2023

REPORTS AND DIRECTOR COMMENTS:

17. Committee Reports:
 - Finance/Administration
 - Planning
 - Legislative/Human Resources
18. Other Items for Future Consideration.
19. Director Comments.

ADJOURNMENT:

The next Regular Meeting of the Board of Directors will be held at 1:15 p.m. on Tuesday, June 27, 2023.

Disability Notice

If you require a disability-related modification or accommodation to participate in an EBMUD public meeting please call the Office of the Secretary (510) 287-0404. We will make reasonable arrangements to ensure accessibility. Some special equipment arrangements may require 48 hours advance notice.

Document Availability

Materials related to an item on this agenda that have been submitted to the EBMUD Board of Directors within 72 hours prior to this meeting are available for public inspection in EBMUD's Office of the Secretary at 375 11th Street, Oakland, California, during normal business hours, and can be viewed on our website at www.ebmud.com.

BOARD CALENDAR

Meeting dates, times, and locations are subject to change

Date	Meeting	Time/Location	Topics
Tuesday, June 13	Planning Committee	9:00 a.m. Boardroom	<ul style="list-style-type: none"> • Wildcat Pumping Plant Project Update and Final Mitigated Negative Declaration • Trench Soils Management
	Legislative/Human Resources Committee	10:15 a.m. Boardroom	<ul style="list-style-type: none"> • Legislative Update
	Board of Directors	11:00 a.m. Boardroom 1:15 p.m. Boardroom	<ul style="list-style-type: none"> • Closed Session • Regular Meeting
Monday, June 19	Juneteenth Holiday observed		<i>Offices Closed</i>
Tuesday, June 27	Sustainability Committee	TBD Boardroom	
	Finance/Administration Committee	TBD Boardroom	
	Board of Directors	11:00 a.m. Boardroom 1:15 p.m. Boardroom	<ul style="list-style-type: none"> • Closed Session • Regular Meeting
Tuesday, July 4	Independence Day observed		<i>Offices Closed</i>
Tuesday, July 12	Planning Committee	TBD Boardroom	
	Legislative/Human Resources Committee	TBD Boardroom	
	Board of Directors	11:00 a.m. Boardroom 1:15 p.m. Boardroom	<ul style="list-style-type: none"> • Closed Session • Regular Meeting

2023 Board Committee Members

Finance/Administration	Patterson {Chair}, Chan, Coleman
Legislative/Human Resources	McIntosh {Chair}, Coleman, Patterson
Planning	Linney {Chair}, McIntosh, Young
Sustainability/Energy	Young {Chair}, Katz, Linney

Closed Session and Regular Business Meetings
Tuesday, June 13, 2023
11:00 a.m. and 1:15 p.m.

*EBMUD public Board meetings will be conducted in person and accessible via Zoom.
These meetings are recorded, live-streamed, and posted on the District's website.*

Online*

<https://ebmud.zoom.us/j/97065086667?pwd=eUdZSGh5SG82akZiRDF2UDg2b0IyUT09>

Webinar ID: 970 6508 6667

Passcode: 238500

By Phone*

Telephone: 1 669 900 6833

Webinar ID: 970 6508 6667

Passcode: 238500

International numbers available: <https://ebmud.zoom.us/u/adMXn1VnPp>

*To familiarize yourself with Zoom, please visit <https://support.zoom.us/hc/en-us/articles/201362193-Joining-a-Meeting>

Providing public comment - *The EBMUD Board of Directors is limited by State law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.*

- Each speaker is allotted 3 minutes to speak; the Board President has the discretion to amend this time based on the number of speakers
- The Secretary will track time and inform each speaker when the allotted time has concluded
- Comments on **non-agenda items** will be heard at the beginning of the meeting
- Comments on **agenda items** will be heard when the item is up for consideration
- The Secretary will call each speaker in the order received

In person

- Fill out and submit a blue speaker card which is available in the meeting room

Via Zoom

- Use the raise hand feature in Zoom to indicate you wish to make a public comment
<https://support.zoom.us/hc/en-us/articles/205566129-Raising-your-hand-in-a-webinar>
- If you participate by phone, press *9 to raise your hand
- When prompted by the Secretary, please state your name, affiliation if applicable, and topic

Submitting written comments or materials

- Email written comments or other materials for the Board of Directors to SecOffice@ebmud.com
- Please indicate the meeting date and agenda item number or non-agenda item topic in the subject of the email. Contact information is optional.
- **Please email by 4 p.m. the day prior to the scheduled regular meeting;** written comments and other materials submitted to the Board of Directors will be filed in the record.

This page is intentionally left blank.

MINUTES

**Tuesday, May 23, 2023
East Bay Municipal Utility District
Board of Directors
375 Eleventh Street
Oakland, California**

Regular Closed Session Meeting

Vice President Lesa R. McIntosh called to order the Regular Closed Session Meeting of the Board of Directors at 11:05 a.m. in the Administration Building Boardroom.

ROLL CALL

Directors John A. Coleman, April Chan, Doug A. Linney (remote), Lesa R. McIntosh, William B. Patterson, and Marguerite Young were present at roll call. President Andy Katz arrived at 11:08 a.m.

Staff participants included General Manager Clifford C. Chan and General Counsel Derek T. McDonald.

PUBLIC COMMENT

- Addressing the Board were the following: 1) Ivette Rivera commented on the Pierce/Bland court case, documents she provided to the Board at the May 9, 2023 Board meeting, comments written on the bulletin boards for the District's 100th Anniversary time capsule, and a Public Records Act request she made in 2022; and read an excerpt from the Raul Gutierrez vs. EBMUD case documents; and 2) George Cleveland, Raining Pride Affinity Group President commented on Pride events scheduled at the District during the month of June.

ANNOUNCEMENT OF CLOSED SESSION AGENDA

President Katz announced the closed session agenda and the Board convened to the Administration Building Conference Room 8 for discussion.

Regular Business Meeting

President Andy Katz called to order the Regular Business Meeting of the Board of Directors at 1:17 pm. in the Administration Building Boardroom.

ROLL CALL

Directors John A. Coleman, April Chan, Doug A. Linney (remote), Lesa R. McIntosh, William B. Patterson, Marguerite Young and President Andy Katz were present at roll call.

Staff participants included General Manager Clifford C. Chan, General Counsel Derek T. McDonald, and Secretary of the District Rischa S. Cole.

BOARD OF DIRECTORS

President Katz led the Pledge of Allegiance.

ANNOUNCEMENTS FROM CLOSED SESSION

There were no announcements required from closed session.

PRESENTATIONS

General Manager Clifford C. Chan announced the District turned 100 years old on May 22 and discussed activities developed by staff to connect and educate the community with the work of the District. Activities included Water Wednesday webinars; monthly staff-guided tours of the District's watershed and some facilities; and the Community Fair on Sunday, May 21 at Lake Temescal in Oakland. He expressed thanks to staff from across the District who helped coordinate the centennial activities. President Katz announced today marks the first day of EBMUD's next century of service. He highlighted significant District milestones during the past 100 years and invited elected officials, former Board members, former General Managers, and former General Counsels to provide comment in honor of the District's centennial. Lily Moser, Field Representative for Congresswoman Barbara Lee read excerpts from the Congressional Record in honor of the District's centennial and Orinda Mayor Inga Miller presented a proclamation congratulating the District on its centennial anniversary. The following offered congratulations on the District's centennial and recounted their experience and contributions while serving at the District: Retired General Managers Jerome "Jerry" Gilbert and Alexander Coate; retired General Counsel Robert Helwick; and former Board members Helen Burke, Nancy Nadel, Mary Selkirk, Stuart Flashman, Andy Cohen, and Danny Wan. EBMUD Community Affairs Representative Joseph J. Voelker read excerpts from resolutions received by the District in honor of its centennial and thanked Orinda Mayor Inga Miller and Lily Moser for their support and recognition. Director William B. Patterson provided comments as the Chair of the Centennial Ad Hoc Committee and Special Assistant to the General Manager Kelly A. Zito provided a presentation highlighting commemorative centennial events; social media and earned media; and upcoming projects that will further highlight the District's centennial including: a video that will focus on development of the District's water and wastewater systems and the people who built it, operate it today and into the future; a centennial digital flip book; a new exhibit to be installed in the Administration Building lobby; and employee events upcountry and in Lafayette being organized by the Utility District Employee Association. President Katz concluded by thanking the speakers, staff and Board members for their participation in the celebratory events and read excerpts of the resolution prepared by staff in recognition of the District's centennial.

- Director Chan left the meeting at 2:07 p.m. and returned at 2:16 p.m.

PUBLIC COMMENT

- Addressing the Board were the following: 1) Lonna Coleman commented on the District's 100th anniversary and a request to investigate staff's administration of Retirement Ordinance No. 40; 2) Ivette Rivera commented on a Public Records Act request she made in August 2022 for employment records, a request for an itemized receipt for a Public Records Act request, and the start date for the Pierce/Bland trial; and provided Director Chan with documents provided to other Board members during Director Chan's absence; and 3) George Cleveland, Raining Pride Affinity Group President commented on Pride events scheduled at the District during the month of June.

- Director Coleman left the meeting at 2:37 p.m. and returned at 2:40 p.m.

CONSENT CALENDAR

- Motion by Director McIntosh, seconded by Director Patterson, to approve the recommended actions for Items 1-2 and 4-10 on the Consent Calendar carried (7-0) by the following roll call vote: (Chan, Coleman, Linney, McIntosh, Patterson, Young, and Katz); NOES (None); ABSTAIN (None); ABSENT (None).

1. **Motion No. 089-23** – Approved the Regular Meeting Minutes of May 9, 2023.
2. The following correspondence was filed with the Board: **1)** Proclamation from City of Orinda Congratulating the East Bay Municipal Utility District on its Centennial Anniversary; **2)** Speakers' Bureau and Outreach Record CY23 dated May 23, 2023; and **3)** Second Revised Pretrial Scheduling Order and Trial Guidelines for Saji Pierce et al., v. East Bay Municipal Utility District.
3. **Award a contract to the lowest responsive/responsible bidder Koffler Electrical Mechanical Apparatus Repair, Inc., for supplying four 1500 horsepower air compressor motors for the District's Main Wastewater Treatment Plant, beginning on or after May 23, 2023 for a total cost, after the addition of taxes, not to exceed \$1,637,433 under Request for Quotation No. 2312.**

Director Coleman asked if there are processes in place to reach out to vendors that do not respond to the District's requests for quotations or if additional actions are taken when the District receives one bid on a contract. General Manager Clifford C. Chan and Manager of Purchasing Kelley K. Smith responded and provided an overview of the District's current processes. The Board asked staff to explore ideas to help increase the number of bidders for District contracts.

- Motion by Director Coleman, seconded by Director Patterson, to approve the recommended actions for Item 3 carried (7-0) by the following roll call vote: (Chan, Coleman, Linney, McIntosh, Patterson, Young, and Katz); NOES (None); ABSTAIN (None); ABSENT (None).

Motion No. 095-23 – Awarded a contract to the lowest responsive/responsible bidder Koffler Electrical Mechanical Apparatus Repair, Inc., for supplying four 1500 horsepower air compressor motors for the District's Main Wastewater Treatment Plant, beginning on or after May 23, 2023 for a total cost, after the addition of taxes, not to exceed \$1,637,433 under Request for Quotation No. 2312.

4. **Motion No. 090-23** – Awarded a sole source contract to Emerson Process Management, Power & Water Solutions, Inc. for supplying distributed control system equipment, software, and a four-year contract for programming services for the Main Wastewater Treatment Plant and remote wastewater facilities beginning on or after May 23, 2023 with one option to renew for an additional one-year period for a total cost, after the addition of taxes, including option year, not to exceed \$6,900,000.
5. **Motion No. 091-23** – Authorized an agreement beginning on or after May 23, 2023, with Brown and Caldwell in an amount not to exceed \$499,400 for preparation of the Recycled Water Strategic Plan Update 2024.

6. **Motion No. 092-23** – Authorized the Office of General Counsel to continue the employment of the law firm of Olson Remcho, LLP for specialized legal services related to elections and conflicts of interest in an additional amount not to exceed \$50,000.
7. **Motion No. 093-23** – Approved the Water Supply Assessment requested by the City of Berkeley for the Gilman Gateway Rezone Project pursuant to California Water Code sections 10910-10915.
8. **Motion No. 094-23** – Approved the April 2023 Monthly Investment Transactions Report.
9. **Resolution No. 35346-23** – Adopting Revised Policy 4.07, Investments, And Renewing Existing Delegation Of Authority For The Management Of Investments On Behalf Of The East Bay Municipal Utility District And Its Joint Powers Authorities To The Director Of Finance As The Treasurer Of The District.
10. **Resolution No. 35347-23** – Celebrating The Centennial Anniversary Of The East Bay Municipal Utility District.

DETERMINATION AND DISCUSSION

11. Appointment to the position of Assistant Attorney.

General Counsel Derek T. McDonald announced Nelly Chavez as the recommended candidate for the position of Assistant Attorney of the District and highlighted Ms. Chavez's education and professional background.

- Addressing the Board was Ivette Rivera who congratulated Ms. Chavez on her appointment and commented on female attorneys that have previously worked at the District.
- Motion by Director McIntosh, seconded by Director Young, to approve the recommended actions for Item 11 carried (7-0) by the following roll call vote: (Chan, Coleman, Linney, McIntosh, Patterson, Young, and Katz); NOES (None); ABSTAIN (None); ABSENT (None).

Ms. Chavez thanked the Board for the opportunity to contribute to the District's mission and said she looks forward to working at EBMUD.

Resolution No. 35348-23 – Appointing Nelly Chavez to the position of Assistant Attorney of the District with the title of Attorney I (*effective June 5, 2023*).

12. Adopt a resolution authorizing the General Manager or the General Manager's designee to execute indemnity provisions in all agreements within the General Manager's authority.

General Counsel Derek T. McDonald reviewed the resolution which would authorize the General Manager or the General Manager's designee to execute agreements, permits, and other documents that include provisions to defend, indemnify, or hold harmless other parties or third parties, to the extent the General Manager or the General Manager's designee otherwise has authority to execute the agreement, permit, or other document. Mr. McDonald discussed resolutions that have been previously adopted by the Board that delegate this authority to the General Manager or the General Manager's designee. The District frequently must execute indemnity agreements that are not

included in the scope of these prior delegation resolutions. The Board, however, has not delegated authority to execute indemnity agreements that is coextensive with the authority of the General Manager or the General Manager's designee to otherwise execute an agreement. In addition, the prior resolutions delegating authority to execute certain types of indemnity agreements could benefit from greater clarity regarding their scope. This resolution would resolve this gap in authority and address concerns regarding scope. To assist in clarity, this resolution also would rescind and supersede Resolution Nos. 33156-99, 33278-01, and 33442-04 one year following this resolution's adoption. If adopted, the appropriate staff will be trained to review and execute agreements, permits or other documents that contain standard indemnity provisions. The General Counsel's office will provide guidance when an agreement, permit or other document contains indemnity provisions that deviate from the District's standard indemnity provisions. Mr. McDonald and General Manager Clifford C. Chan responded to questions from the Board on whether this information would be included in the General Manager's monthly report or in a monthly memo to the Board; indemnification authority in the Municipal Utility District Act; and providing information to the Board when the District has to pay a claim as a result of indemnity provisions.

- Motion by Director Young, seconded by Director McIntosh, to approve the recommended actions for Item 12 carried (7-0) by the following roll call vote: (Chan, Coleman, Linney, McIntosh, Patterson, Young, and Katz); NOES (None); ABSTAIN (None); ABSENT (None).

Resolution No. 35349-23 – Authorizing The General Manager Or The General Manager's Designee To Execute Indemnity Provisions In All Agreements Within The General Manager's Authority.

13. **General Manager's Report.**

General Manager Clifford C. Chan announced the Speakers' Bureau and Outreach Record CY23 dated May 23, 2023 was available at Board places.

- Director McIntosh left the meeting at 3:11 p.m.

REPORTS AND DIRECTOR COMMENTS

14. **Committee Reports.**

- Filed with the Board were the Minutes for the May 9, 2023 Planning and Legislative/Human Resources Committee meetings.
- Finance/Administration Committee Chair William B. Patterson reported the Committee met earlier in the day and received updates on the Monthly Investment Transactions Report for April 2023; Los Vaqueros Reservoir Expansion Project Funding; Annual Investment Policy Review; and Sewer Agency Billing and Collection Services.

15. **Other Items for Future Consideration.**

None.

16. Director Comments.

- Director Coleman reported participating in the East Bay Leadership Council Board meeting (remote) on May 19 and the Centennial Time Capsule media event in Oakland on May 22. He reported on plans to attend the USACE Change of Command Ceremony in Tiburon on June 23; a Sunset Gate meeting in Orinda on June 26; and a presentation to the San Ramon City Council in San Ramon on June 27. Director Coleman also commented on his tenure on the Board, the visionary leaders that planned and built the District's infrastructure, learning from past mistakes, and making plans for the future to address climate change.
- Director Linney commented he is proud to be a part of such a great organization and recognized all staff for their work at the District as well as the staff that contributed to the centennial events.
- Director Patterson commented on Senator Dianne Feinstein's retirement announcement and asked that a letter be sent in recognition of the support she has provided to the District.
- Director Young commented how the District's Mission Statement, Strategic Plan, Key Performance Indicators and other policy documents have helped guide her and the Board and expressed appreciation for the former Board members and former staff that attended today's meeting.
- President Katz thanked the team that coordinated the centennial events and especially the Community Fair on May 21 at Lake Temescal; and read the letter he wrote to the future president of the EBMUD Board of Directors that was included in the time capsule buried at the District's Adeline Maintenance Center in Oakland on May 22. President Katz also acknowledged the staff that were present in the Boardroom for their contributions and work on the centennial activities.
- Directors Chan and McIntosh had no reports.

ADJOURNMENT

President Katz announced that each year the District honors its employees and retirees who have passed away in the last year. Today, in addition to adjourning the meeting in honor of EBMUD's 100th Anniversary and the employees, past and present who have contributed to the District, today's meeting will also be closed in memory of those employees and retirees who passed away between May 16, 2022 and May 14, 2023. The names of these employees were displayed onscreen while the Board and others in attendance observed a moment of silence.

President Katz adjourned the meeting at 3:33 p.m.

SUBMITTED BY:

Rischa S. Cole, Secretary of the District

APPROVED: June 13, 2023

Andy Katz, President of the Board

This page is intentionally left blank.



BOARD ACTION

Agenda Number:	3.	Meeting Date:	June 13, 2023
----------------	----	---------------	---------------

TITLE **DISTRIBUTED CONTROL SYSTEMS FOR LAFAYETTE AND WALNUT CREEK WATER TREATMENT PLANTS**

ACTION Motion: Resolution: Ordinance:


RECOMMENDED ACTION Award a sole source contract beginning on or after June 13, 2023 to Honeywell International, Inc. dba Honeywell Process Solutions for supplying two distributed control systems (DCS) Experion hardware and software packages for the Lafayette and Walnut Creek water treatment plants (WTPs), and a three-year support services agreement for Lafayette WTP, for a total cost, after the addition of taxes, not to exceed \$3,654,074.11.

SUMMARY The Lafayette and Walnut Creek WTPs rely on control systems to support water treatment processes. This equipment purchase will replace the existing control systems with modern control system hardware and software. This project was discussed at the October 11, 2022 Long-Term Infrastructure Investment Workshop.

DISCUSSION Under the Treatment Plant Upgrades Project, upgrades to the Lafayette WTP and Walnut Creek WTP control systems were identified to improve safety, reliability, and operations. The existing legacy control system hardware at the Lafayette WTP was installed in the 1980s and has a high risk of failure. Replacement parts and technical support are becoming increasingly difficult to access as manufacturers discontinue production. The District completed the installation of a Honeywell Experion DCS at Walnut Creek WTP in 2006, and the aging hardware and software system at that plant is no longer supported by Honeywell Process Solutions and needs to be upgraded. Two related contracts for the Lafayette and Walnut Creek WTPs were awarded under Board Motion Nos. 067-23 and 068-23 on April 25, 2023, for the purchase of control system servers and network hardware configurations.

New Experion DCS equipment will increase operability, reliability, and supportability and match modern controls currently running at Orinda WTP, Sobrante WTP and Upper San Leandro WTP. This equipment will be installed as part of a future construction contract for the Lafayette and Walnut Creek WTP Control Systems Upgrade Project under Specification 2177. This purchase supports the District’s Long-Term Infrastructure Investment Strategic Plan goal.

VENDOR SELECTION Honeywell Process Solutions is the sole source provider for the Experion DCS system and Honeywell Process Solutions continues to provide excellent technical support to the District.

Originating Department: Engineering and Construction	Department Director or Manager: Olujimi O. Yolo	CEP Forms? Yes	Board Action Type: Materials and Supplies
Funds Available: FY23; CIP #000437; Page 35	Budget Coding: 11-557-0000-2014489-2014496:22-7000090		Approved: 
Attachment(s): Location Map; P-035; P-061			

Title:	Distributed Control Systems for Lafayette and Walnut Creek Water Treatment Plants	Meeting Date:	June 13, 2023
--------	---	---------------	---------------

SUSTAINABILITY

Economic

Funds are available in the FY 2023 adopted capital budget for the Treatment Plant Upgrades Project.

ALTERNATIVES

Do not purchase this equipment. This alternative is not recommended because of the risk of failure with the existing control system.

Purchase equipment under construction contract. This alternative is not recommended because the long lead times for manufacturing and shipment of the Experion DCS hardware and software would delay the project.

Solicit for competitive bids. This alternative is not recommended because standardized control systems enhance reliability at the WTPs. Maintaining multiple control systems could result in increased design and maintenance costs from re-programming, retraining staff, and stocking parts to maintain multiple systems.

I:\SEC\2023 Board Related Items\Board Packets 2023\061323 Board Items\ECD - DCS for Lafayette and Walnut Creek WTPs.docx

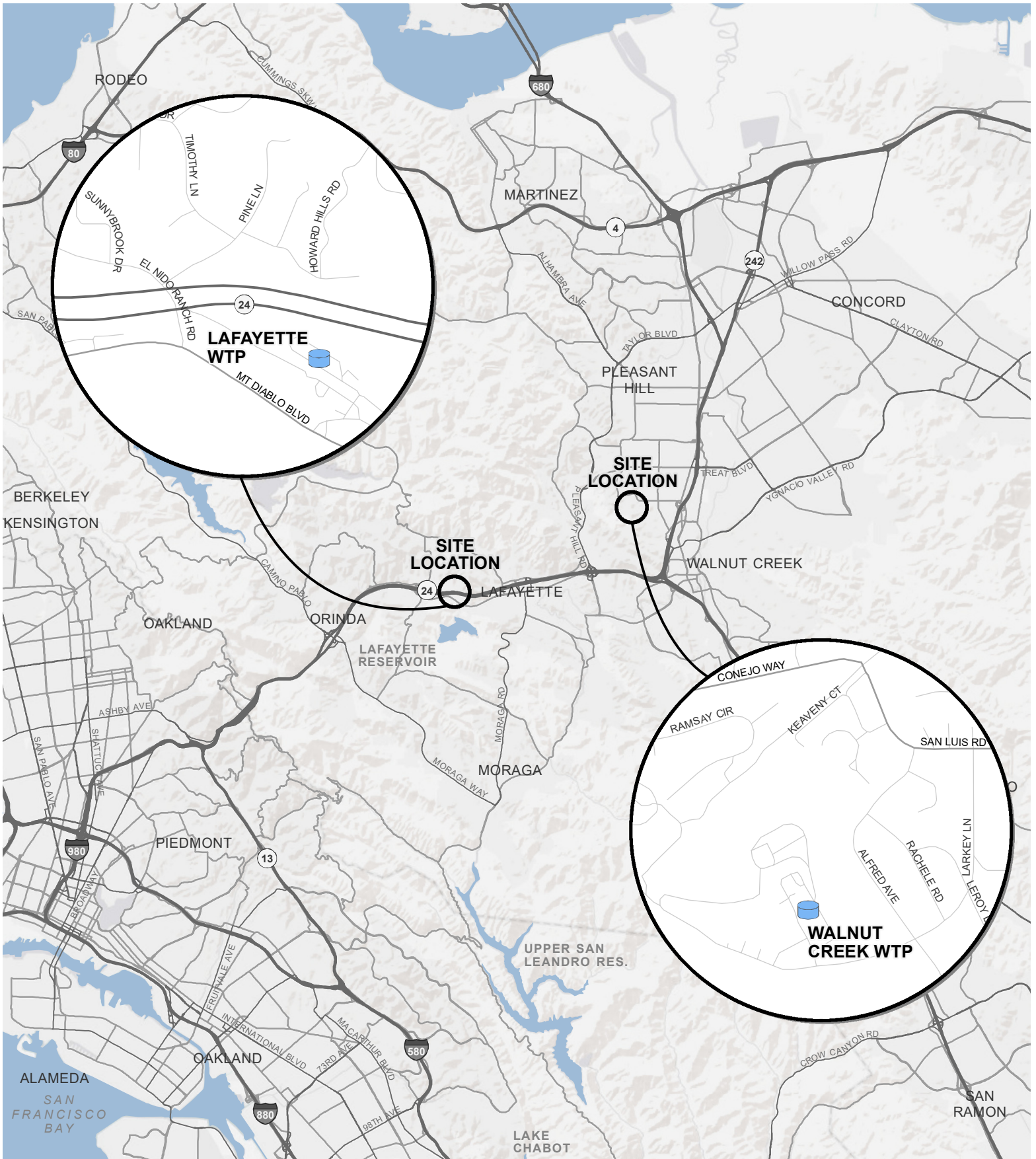


FIGURE 1
 LAFAYETTE WATER TREATMENT PLANT AND
 WALNUT CREEK WATER TREATMENT PLANT

APRIL 2023

EAST BAY MUNICIPAL DISTRICT

**PROJECT SITE
 LOCATION MAP**

**TREATMENT PLANT UPGRADES
 CONTROL SYSTEMS UPGRADES**



This page is intentionally left blank.



CONTRACT EQUITY PROGRAM SUMMARY (P-035)

This summary contains information on the contractor's workforce and contract equity participation. (Completed by District)

TITLE Materials and Supplies Contract Distributed Control Systems for Lafayette and Walnut Creek Water Treatment Plants	DATE: June 7, 2023
---	----------------------------------

CONTRACTOR: Honeywell International, Inc. dba Honeywell Process Solutions Charlotte, NC 28202	Sole Source
---	--------------------

		PERCENTAGE OF CONTRACT DOLLARS			
BID/PROPOSER'S PRICE:	FIRM'S OWNERSHIP	Availability Group	Contracting Objectives	Participation	
\$3,654,074.11 *	Ethnicity	White Men	25%	100.0%	
	Gender	White Women	9%	0.0%	
	White	Ethnic Minorities	25%	0.0%	

CONTRACT EQUITY PARTICIPATION											
COMPANY NAME	ESTIMATED AMOUNT	ETHNICITY	GENDER		CONTRACTING PARTICIPATION						
			M	W	White-Men	White-Women	Ethnic Minorities	Unclassified	Publicly Held Corp.	Gov't/Non Profit	Foreign
PRIME: Honeywell International, Inc. dba Honeywell Process Solutions SUBS: None	\$3,654,074.11	White	X		100.0%						
TOTAL	\$3,654,074.11				100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

CONTRACTOR'S WORKFORCE PROFILE (From P-025 Form)				
	White Men	White Women	Ethnic Minorities	Total Employees
No. of Employees:	INFORMATION NOT PROVIDED			
Percent of Total Employees:				
MSA Labor Market %:				
MSA Labor Market Location:				

COMMENTS

Contract Equity Participation: 100% White Men participation.
Contract Duration: NA

 *Total not to exceed: \$3,654,074.11

Workforce Profile & Statement of Nondiscrimination Submitted	Good Faith Outreach Efforts Requirement Satisfied	Award Approval Recommended
NA	NA	



AFFIRMATIVE ACTION SUMMARY (P-061)

(Completed by District)

This summarizes information provided by the contractor(s)' P-025 Form regarding their workforce.

Title: Distributed Control Systems for Lafayette and Walnut Creek Water Treatment Plants		Ethnic Minority Percentages From U.S. Census Data						
		B	H	A/PI	AI/AN	TOTAL		
Materials and Supplies Contract	DATE: 6/7/2023	National	10.5	10.7	3.7	0.7	27.3	
		9 Bay Area Counties	5.5	16.2	14.2	0.4	39.9	
		Alameda/CC Counties	10.7	15.6	15.4	0.5	46.2	
R=Recmmd P=Prime S=Sub	Composition of Ownership	Number of Ethnic Minority Employees						
Company Name, Owner/Contact Person, Address, and Phone Number		B	H	A/PI	AI/AN	TOTAL	PERCENT	MSA %
RP	WM	Company Wide						
Honeywell International, Inc. dba Honeywell Process Solutions		Manager/Prof						
855 S. Mint Street Charlotte, NC 28202		Technical/Sales						
973-455-2000		Clerical/Skilled						
		Semi/Unskilled						
		Bay Area						
		AA Plan on File:						
		Co. Wide MSA:						

INFORMATION NOT PROVIDED

WM=White Male, WW=White Women, EM=Ethnic Minority (Ethnicities: B=Black, H=Hispanic, A/PI=Asian/Pacific Islander, and AI/AN=American Indian/Alaskan Native)



BOARD ACTION

Agenda Number:	4.	Meeting Date:	June 13, 2023
----------------	----	---------------	---------------

TITLE **BRIDGE ABUTMENTS FOR TWO DOG FISH PASSAGE PROJECT**

ACTION Motion: Resolution: Ordinance:

RECOMMENDED ACTION Authorize an agreement beginning on or after June 13, 2023, with Buhler Commercial in an amount not to exceed \$353,500 to install bridge abutments for the Two Dog Fish Passage Project.


SUMMARY The project includes the installation of two concrete bridge abutments at the Two Dog Road crossing; District forces will then complete installation of a prefabricated bridge. The project will improve fish passage at the site and allow native rainbow trout from Upper San Leandro Reservoir to access spawning grounds in upper Kaiser Creek.

DISCUSSION The project is part of the second phase of the Two Dog Fish Passage Project. The first phase, completed in October 2022, included removal of a failing culvert and recontouring of the creek channel with elements to improve fish passage conditions. The second phase of the project will include installation of concrete bridge abutments and a bridge.

The Two Dog Fish Passage Project will replace a failed corrugated metal culvert with a pre-constructed bridge to improve fish passage at the site and restore natural channel function. The project location is Two Dog Road on Kaiser Creek, a tributary on the east side of Upper San Leandro Reservoir, on EBMUD watershed lands. Kaiser Creek supports a population of genetically pure native rainbow trout. The project will allow these trout to access spawning and rearing habitat upstream of the Two Dog Road crossing.

The California Department of Fish and Wildlife requires agencies to address fish passage issues at road crossings in fish-bearing streams when infrastructure is replaced. In 2018, EBMUD commissioned a fish passage study at the site which recommended the culvert be replaced with a bridge to improve fish passage conditions. The replacement of the culvert with a bridge will also restore natural channel processes, reduce erosion, and improve water quality in Kaiser Creek, which flows into Upper San Leandro Reservoir.

The project includes installation of concrete abutments necessary for installation of a bridge at the site. The bridge, which has been pre-purchased, is needed to provide access to that area of the watershed for fire response, watershed maintenance and general watershed management activities. The fabrication and placement of the bridge abutments are being contracted out, but all other aspects of the fish passage project, including placement of the bridge, will be completed by District forces.

Originating Department: Water and Natural Resources	Department Director or Manager: Michael T. Tognolini	CEP Forms? Yes	Board Action Type: General Services
Funds Available: FY2023/CIP #2004906 Page	Budget Coding: 11-482-2004880-5312		Approved: 
Attachment(s): P-035; P-061			

Title:	Bridge Abutments for Two Dog Fish Passage Project	Meeting Date:	June 13, 2023
--------	---	---------------	---------------

This project supports the District's Water Quality and Environmental Protection Strategic Plan goal.

SERVICE PROVIDER SELECTION

A request for proposals was posted on the District's website and sent to three potential proposers. Two service providers submitted proposals, but one submission was considered unresponsive. Buhler Commercial was selected based on the provider's knowledge and experience with bridge abutment work and methodology to minimize onsite impacts.

Work under this agreement is subject to the payment of current prevailing wages according to determinations for each craft as established by the Director of the Department of Industrial Relations (DIR) of the State of California. Buhler Commercial is licensed to perform work in California and is not on the State Department of Industrial Relations debarment list. Buhler Commercial is properly registered with the State DIR.

SUSTAINABILITY
Economic

Funding for this purpose is available in the FY 2023 adopted capital budget for the East Bay Low Effect Habitat Conservation Plan Implementation.

Social

Local 444 was notified of this agreement on February 24, 2023, and did not raise any specific issues related to this agreement.

Environmental

The project complies with state environmental regulations. The California Department of Fish and Wildlife requires agencies to address fish passage issues caused by road crossing infrastructure when such infrastructure is replaced.

The project meets resource conservation goals by reestablishing natural channel conditions and providing fish passage at the site so that native rainbow trout can access the upstream habitat necessary for them to complete their life cycle.

A California Environmental Quality Act Notice of Exemption was filed with the Alameda County Clerk on January 11, 2022. The project is exempt from the requirements of the California Environmental Quality Act under Section 14CCR 15333 because the project qualifies as a small habitat restoration project.

ALTERNATIVES

Complete installation of the bridge abutments using District forces. This alternative is not recommended because District forces cannot complete the work in the required timeline to meet the project environmental permits.

Do not replace the road crossing at the site. This alternative is not recommended because it would impede access to that area of the watershed for watershed management and fighting wildfires.



CONTRACT EQUITY PROGRAM SUMMARY (P-035)

This summary contains information on the contractor's workforce and contract equity participation. (Completed by District)

TITLE General Services Agreement Bridge Abutments for Two Dog Fish Passage Project	DATE: May 16, 2023
--	------------------------------

CONTRACTOR:	PERCENTAGE OF CONTRACT DOLLARS		
Buhler Commercial San Francisco, CA 94107 Sole Proposer / Small Business	Availability Group	Contracting Objectives	Participation
BID/PROPOSER'S PRICE:	White Men	25%	100.0%
	White Women	6%	0.0%
\$353,500 *	Ethnic Minorities	25%	0.0%

CONTRACT EQUITY PARTICIPATION											
COMPANY NAME	ESTIMATED AMOUNT	ETHNICITY	GENDER		CONTRACTING PARTICIPATION						
			M	W	White-Men	White-Women	Ethnic Minorities	Unclassified	Publicly Held Corp.	Gov't/Non Profit	Foreign
PRIME: Buhler Commercial	\$353,500	White	X		100.0%						
SUBS: None											
TOTAL	\$353,500				100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

CONTRACTOR'S WORKFORCE PROFILE (From P-025 Form)				
	White Men	White Women	Ethnic Minorities	Total Employees
No. of Employees:	3	0	11	14
Percent of Total Employees:	21.4%	0.0%	78.6%	
MSA Labor Market %:	28.0%	23.6%	48.4%	
MSA Labor Market Location:	California			

COMMENTS

Contract Equity Participation: 100% White Men participation.
Contract Duration: NA

Total not to exceed: \$353,500

Workforce Profile & Statement of Nondiscrimination Submitted	Good Faith Outreach Efforts Requirement Satisfied	Award Approval Recommended
NA	NA	

Title:	Agreement with City of Orinda for Miner Road Pavement Restoration	Meeting Date:	June 13, 2023
--------	---	---------------	---------------

Environmental

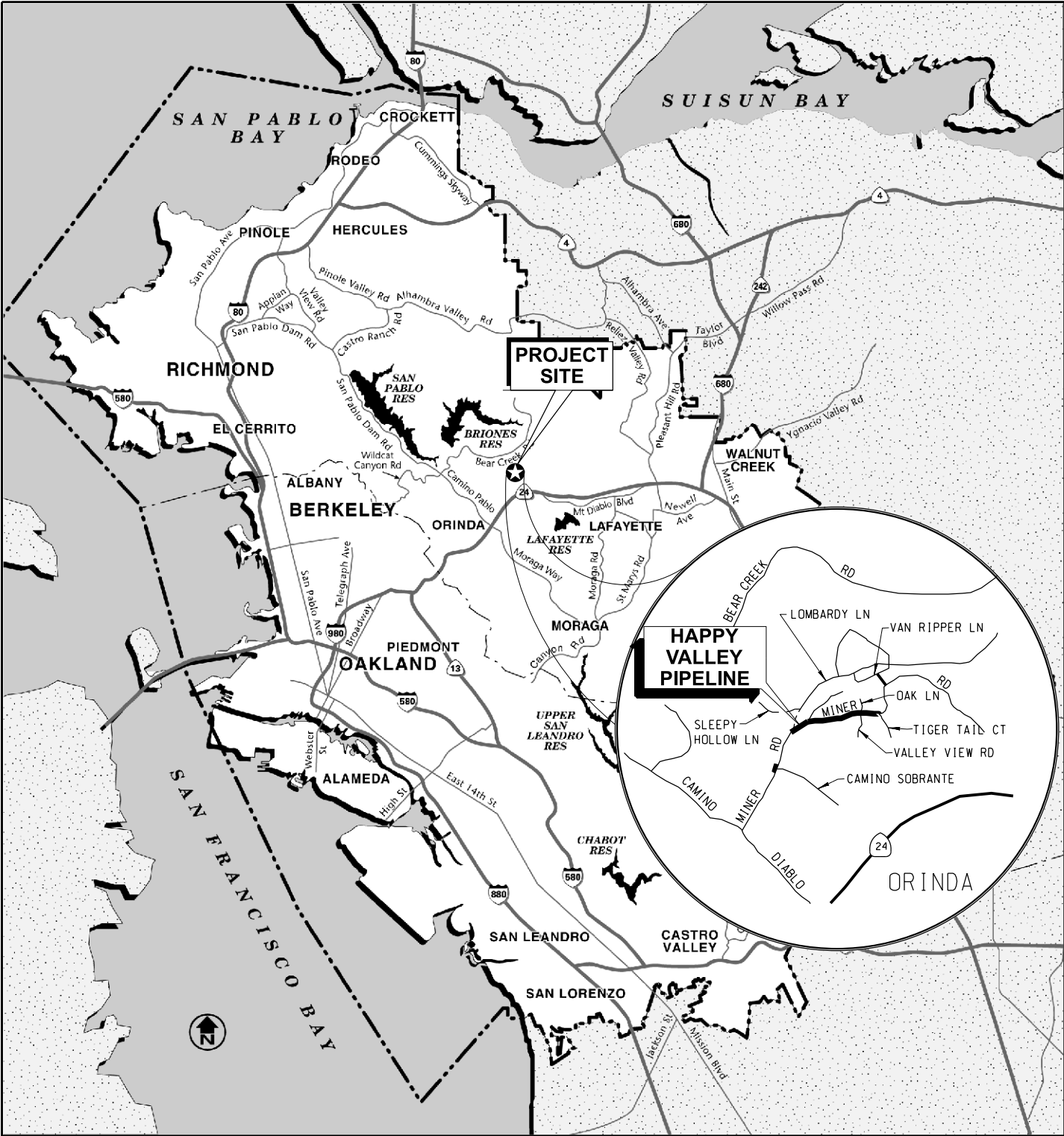
A California Environmental Quality Act Environmental Impact Report (EIR) for the Water Treatment and Transmission Improvements Program was certified by the Board on December 19, 2006 under Resolution No. 33576-06. A Supplemental EIR for the Happy Valley Pipeline was certified by the Board on March 8, 2011 under Resolution No. 33810-11.

ALTERNATIVES

Do not authorize the agreement. This alternative is not recommended because pavement restoration will still be required at the District's expense. Opting out of the agreement would be more costly and disruptive to the community.

Perform the work with the Specification 2120 contractor or District forces. This alternative is not recommended because the District's pavement restoration would be demolished when the City performs its street pavement rehabilitation project in fall 2023.

I:\SEC\2023 Board Related Items\Board Packets 2023\061323 Board Items\ECD - City of Orinda Miner Road.docx



**PROJECT SITE
LOCATION MAP**

NOT TO SCALE

EAST BAY MUNICIPAL UTILITY DISTRICT

**HAPPY VALLEY PIPELINE
MINER ROAD PAVEMENT RESTORATION
CITY OF ORINDA**

This page is intentionally left blank.

Title:	Sewer Agency Billing and Collection Services	Meeting Date:	June 13, 2023
--------	--	---------------	---------------

These agreements support the District's Long-Term Financial Stability and Customer and Community Services Strategic Plan goals.

SUSTAINABILITY**Economic**

In FY 2022, the District was reimbursed \$2 million for providing billing and collection services.

Social

Providing billing and collection services for the Agencies results in additional financial relief for Oakland, Emeryville, and Berkeley CAP customers.

Environmental

Providing billing and collection services reduces paper waste resulting from the agencies not printing their own statements and presentment.

ALTERNATIVE

Do not authorize the agreements. This alternative is not recommended because the public benefits from agencies sharing the costs of resources without duplicating the costs associated with billing, collection, and related customer service functions.

I:\Sec\2023 Board Related Items\061323 Board Agenda Items\CCS - Sewer Agency Billing and Collection Services.docx



BOARD ACTION

Agenda Number:	7.	Meeting Date:	June 13, 2023
----------------	----	---------------	---------------

TITLE **VEGETATION MANAGEMENT**

ACTION Motion: Resolution: Ordinance:

RECOMMENDED ACTION Authorize an agreement beginning on or after July 1, 2023 with Civicorps for one year for an amount not to exceed \$618,000 to provide vegetation control and related services at various District properties.


SUMMARY Since 1984, the District has contracted with Civicorps for assistance with vegetation management projects including erosion control, fire access road and trail maintenance, brush clearing, and removal of dead trees for fuel management. Civicorps is a non-profit organization that provides services as part of a job training and educational program benefiting at-risk youth and public agencies in Alameda and Contra Costa counties.

DISCUSSION The District uses physical and mechanical methods (e.g., manual labor and mowing) to control vegetation under its Integrated Pest Management Program. This agreement will authorize up to four Civicorps crews who will use physical and mechanical methods for fire fuel reduction and removal of overgrown vegetation at District facilities within the service area and the aqueduct rights-of-way. These efforts include weed, brush, and litter abatement using physical labor, hand tools, and machinery such as chainsaws.

Employees of Civicorps are trained for and receive a referral to apply for the District’s entry-level Grounds Maintenance Specialist positions.

The services contracted for in the agreement cannot be satisfactorily performed under the District civil service and therefore contracting out is proper. This work supports the District’s Water Quality and Environmental Protection and Workforce Planning and Development Strategic Plan goals.

SERVICE PROVIDER SELECTION Civicorps was selected for a direct award due to a nearly 39-year District partnership. Civicorps, a non-profit organization, conducts environmental enhancement and mitigation projects for public agencies while providing paid job training for young adults aged 18 to 26 who are simultaneously obtaining a high school diploma.

Originating Department: Operations and Maintenance	Department Director or Manager: David A. Briggs	CEP Forms? Yes	Board Action Type: General Services
Funds Available: N/A	Budget Coding: 11/730/1530/8538800/53110; 11/763/1530/8538800/5310		Approved: 
Attachment(s): P-035; P-061			

Title:	Vegetation Management	Meeting Date:	June 13, 2023
--------	-----------------------	---------------	---------------

SUSTAINABILITY

Economic

The fiscal impact associated with this action will be considered as part of the associated budget development process.

Social

Local 444 was notified of this agreement on May 2, 2023 and did not raise any specific issues related to this agreement.

Civicorps provides local service area youth with work experience while they earn a high school education.

Environmental

The District is required to comply with local fire codes which requires removal of dead trees and dry vegetation to reduce fire hazards and create natural firebreaks.

ALTERNATIVES

Complete the work with District forces. This alternative is not recommended because the work is seasonal.

Use another service provider. This alternative is not recommended because Civicorps is the only known local and non-profit job training organization affiliated with the California Conservation Corps that performs this type of work.

I:\Sec\2023 Board Related Items\061323 Board Agenda Items\OMD – Vegetation Management.docx



CONTRACT EQUITY PROGRAM SUMMARY (P-035)

This summary contains information on the contractor's workforce and contract equity participation. (Completed by District)

TITLE General Services Agreement Vegetation Management						DATE: <p style="text-align: right;">May 16, 2023</p>						
CONTRACTOR: Civicorps Oakland, CA 94607				Direct Award / Local / Small Business		PERCENTAGE OF CONTRACT DOLLARS						
BID/PROPOSER'S PRICE:		FIRM'S OWNERSHIP		Availability Group		Contracting Objectives		Participation				
\$618,000 *		Non-Profit		-		White Men		25%		0.0%		
		Ethnicity		Gender		White Women		6%		0.0%		
		Non-Profit		-		Ethnic Minorities		25%		0.0%		
CONTRACT EQUITY PARTICIPATION												
COMPANY NAME		ESTIMATED AMOUNT	ETHNICITY	GENDER		CONTRACTING PARTICIPATION						
				M	W	White-Men	White-Women	Ethnic Minorities	Unclassified	Publicly Held Corp.	Gov't/Non Profit	Foreign
PRIME: Civicorps		\$618,000	Non-Profit								100.0%	
SUBS: None												
TOTAL		\$618,000				0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%
CONTRACTOR'S WORKFORCE PROFILE (From P-025 Form)												
			White Men		White Women		Ethnic Minorities		Total Employees			
No. of Employees:			4		4		29		37			
Percent of Total Employees:			10.8%		10.8%		78.4%					
MSA Labor Market %:			24.5%		21.6%		53.9%					
MSA Labor Market Location:			Alameda									
COMMENTS												
Contract Equity Participation: Zero Contract Equity participation since firm is a Non-Profit organization. Contract Duration: NA												
*Total not to exceed: \$618,000												
Workforce Profile & Statement of Nondiscrimination Submitted				Good Faith Outreach Efforts Requirement Satisfied				Award Approval Recommended				
NA				NA								



AFFIRMATIVE ACTION SUMMARY (P-061)

(Completed by District)

This summarizes information provided by the contractor(s)' P-025 Form regarding their workforce.

Title: Vegetation Management		Ethnic Minority Percentages From U.S. Census Data								
			B	H	A/PI	AI/AN	TOTAL			
General Services Agreement		DATE: 5/16/2023								
		9 Bay Area Counties	10.5	10.7	3.7	0.7	27.3			
		Alameda/CC Counties	5.5	16.2	14.2	0.4	39.9			
R=Recmmd P=Prime S=Sub		Composition of Ownership	Number of Ethnic Minority Employees							
Company Name, Owner/Contact Person, Address, and Phone Number			B	H	A/PI	AI/AN	TOTAL	PERCENT	MSA %	
RP	Non-Profit: L/SBE	Company Wide	17	7	4	0	28	75.7%	53.9%	
Civicorps Brian Hickey 101 Myrtle Street Oakland, CA 94607 <i>(Local office)</i> 510-407-7742		Manager/Prof	13	6	3	0	22	75.9%		
		Technical/Sales	0	0	0	0	0	0.0%		
		Clerical/Skilled	0	0	0	0	0	0.0%		
		Semi/Unskilled	4	1	1	0	6	75.0%		
		Bay Area	17	7	4	0	28	75.7%	39.9%	
		AA Plan on File:	NA			Date of last contract with District:		7/23/2021		
		Co. Wide MSA:	Alameda			# Employees-Co. Wide:		37	Bay Area: 37	

WM=White Male, WW=White Women, EM=Ethnic Minority (Ethnicities: B=Black, H=Hispanic, A/PI=Asian/Pacific Islander, and AI/AN=American Indian/Alaskan Native)



BOARD ACTION

Agenda Number:	8.	Meeting Date:	June 13, 2023
----------------	----	---------------	---------------

TITLE **PARDEE HYDROPOWER CREW QUARTERS RENOVATION**

ACTION Motion: Resolution: Ordinance:

RECOMMENDED ACTION Authorize an agreement beginning on or after June 13, 2023 with Comprehensive Construction Services, Inc. (CCS, Inc.) in an amount not to exceed \$510,389 for materials and labor for renovating Pardee Center’s hydropower crew quarters.

SUMMARY This agreement for renovating hydropower crew quarters at Pardee Center addresses the need to replace deteriorated exterior components such as siding and windows, provides accessible egress, addresses current restroom accessibility requirements, and provides additional workstations for staff.


DISCUSSION

The existing wood siding on the building is in poor condition and continues to deteriorate due to dry rot and woodpecker damage. The windows, trim and rain gutters, and downspouts are also in poor condition. The building access and restrooms do not meet current Americans with Disabilities Act (ADA) standards. Interior work is also necessary to support staff.

The exterior scope of work includes upgrading building access to ADA standards, replacing the siding and trim with a fiber cement product, replacing windows, gutters, downspouts, and painting. The interior scope of work includes demolition of several walls and creating a new layout to include an office and four workstations, electrical and communication component installations, plumbing work for the ADA restroom, new floor covering, and painting. This project supports the District’s Long-Term Infrastructure Investment Strategic Plan goal.

SERVICE PROVIDER SELECTION A request for proposals was sent to a resource organization. Four service providers submitted proposals. CCS, Inc. was selected based on their experience on similar projects, implementation plan, schedule, and cost.

Work under this agreement is subject to the payment of current prevailing wages according to determinations for each craft as established by the Director of the Department of Industrial Relations (DIR) of the State of California. CCS, Inc. is licensed to perform work in California, and is not on the State Department of Industrial Relations debarment list. CCS, Inc. and its listed subcontractors are properly registered with the State DIR.

Originating Department: Operations and Maintenance	Department Director or Manager: David A. Briggs	CEP Forms? Yes	Board Action Type: General Services
Funds Available: FY2023, CIP#2001367, Page 83	Budget Coding: 11-762-2013382-53120		Approved: 
Attachment(s): P-035; P-061			

Title:	Pardee Hydropower Crew Quarters Renovation	Meeting Date:	June 13, 2023
--------	--	---------------	---------------

SUSTAINABILITY**Economic**

Funding for this purpose is available in the FY 2023 adopted capital budget for the Pardee Center Capital Maintenance and Improvement project.

Social

Local 444 was notified of this agreement on January 24, 2023 and did not raise any specific issues related to this agreement.

Environmental

Project-generated waste and recyclable materials will be handled per the State Construction Waste Management Requirements and the District's Environmental Requirements Specifications Waste Management Requirements. The renovation project is exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines section 15302 which exempts replacement or reconstruction of existing structures and facilities.

ALTERNATIVES

Perform the work with District forces. This alternative is not recommended because staff is already committed to other higher priority work in the service area and cannot complete this work.

Defer the renovation. This alternative is not recommended because various exterior and interior building components continue to deteriorate and increase maintenance and repair costs.

I:\Sec\2023 Board Related Items\061323 Board Agenda Items\OMD - Pardee Hydropower Crew Quarters Renovation.docx



CONTRACT EQUITY PROGRAM SUMMARY (P-035)

This summary contains information on the contractor's workforce and contract equity participation. (Completed by District)

TITLE Construction Services Agreement Pardee Hydropower Crew Quarters Renovation						DATE: May 4, 2023							
CONTRACTOR:				PERCENTAGE OF CONTRACT DOLLARS									
Comprehensive Construction Services, Inc. Valley Springs, CA 95252				Local / Small Business				Availability Group		Contracting Objectives		Participation	
BID/PROPOSER'S PRICE:		FIRM'S OWNERSHIP		White Men			25%		87.2%				
		Ethnicity	Gender	White Women			6%		0.0%				
\$510,389 *		White	Men	Ethnic Minorities			25%		12.8%				
CONTRACT EQUITY PARTICIPATION													
COMPANY NAME		ESTIMATED AMOUNT	ETHNICITY	GENDER		CONTRACTING PARTICIPATION							
				M	W	White-Men	White-Women	Ethnic Minorities	Unclassified	Publicly Held Corp.	Gov't/Non Profit	Foreign	
PRIME: Comprehensive Construction Services, Inc.		\$318,565	White	X		62.4%							
SUBS: Gasper Electric		\$30,776.91	White	X		6.0%							
B12 Inc.		\$34,525	White	X		7%							
Foothill Plumbing		\$46,191.50	American Indian	X				9.1%					
Gizzy Mechanical Services		\$6,021	White	X		1.2%							
Paradise Painting		\$19,000	Hispanic	X				3.7%					
Pinnell's Carpet One		\$29,627.74	White	X		5.8%							
Bolin Builders		\$25,682	White	X		5.0%							
TOTAL		\$510,389.00				87.2%	0.0%	12.8%	0.0%	0.0%	0.0%	0.0%	
CONTRACTOR'S WORKFORCE PROFILE (From P-025 Form)													
			White Men		White Women		Ethnic Minorities		Total Employees				
No. of Employees:			See Attached P-061 Form										
Percent of Total Employees:													
MSA Labor Market %:													
MSA Labor Market Location:													
COMMENTS													
Contract Equity Participation: 87.2% White Men and 12.8% Ethnic Minority participation. Contract Duration: NA Total not to exceed: \$510,389													
Workforce Profile & Statement of Nondiscrimination Submitted				Good Faith Outreach Efforts Requirement Satisfied				Award Approval Recommended					
NA				NA									

CONTRACT EQUITY PROGRAM SUMMARY (P-035)

This summary contains information on the contractor's workforce and contract equity participation.
(Completed by District)

TITLE Construction Services Agreement Pardee Hydropower Crew Quarters Renovation	DATE May 4, 2023
--	----------------------------

CONTRACT EQUITY PARTICIPATION (cont. from page one)

COMPANY NAME	ESTIMATED AMOUNT	ETHNICITY	GENDER		CONTRACTING PARTICIPATION						
			M	W	White-Men	White-Women	Ethnic Minorities	Unclassified	Publicly Held Corp.	Gov't/Non Profit	Foreign
SUBS:											
Bolin Roofing	\$ 14,537.50	White	X		2.8%						
One Chance Metal Works Inc.	\$20,900	White	X		4.1%						
Doors Plus	\$20,340	White	X		4.0%						
The Glass Shop	\$5,207	White	X		1.0%						
Sender's Market	\$13,395.25	White	X		2.6%						
Millwork - PCI Enterprises	\$1,062	White	X		0.2%						
Total											
					See page 1 for total						



AFFIRMATIVE ACTION SUMMARY (P-061)

(Completed by District)

This summarizes information provided by the contractor(s)' P-025 Form regarding their workforce.

Title: Pardee Hydropower Crew Quarters Renovation		Ethnic Minority Percentages From U.S. Census Data							
			B	H	A/PI	AI/AN	TOTAL		
Construction Services Agreement		DATE: 5/4/2023							
		9 Bay Area Counties	10.5	10.7	3.7	0.7	27.3		
		Alameda/CC Counties	5.5	16.2	14.2	0.4	39.9		
			10.7	15.6	15.4	0.5	46.2		
R=Recmmd P=Prime S=Sub	Composition of Ownership	Number of Ethnic Minority Employees							
Company Name, Owner/Contact Person, Address, and Phone Number			B	H	A/PI	AI/AN	TOTAL	PERCENT	MSA %
RP	WM: L/SBE	Company Wide	0	4	0	2	6	54.5%	48.4%
Comprehensive Construction Services, Inc. Collette Preszler 2983 Crestview Drive Valley Springs, CA 95252 707-317-3359		Manager/Prof	0	0	0	0	0	0.0%	
		Technical/Sales	0	0	0	0	0	0.0%	
		Clerical/Skilled	0	4	0	2	6	60.0%	
		Semi/Unskilled	0	0	0	0	0	0.0%	
		Bay Area	0	4	0	0	4	0.0%	
		AA Plan on File:	NA		Date of last contract with District:		NA		
		Co. Wide MSA:	California		# Employees-Co. Wide:		11 Bay Area: 11		
S	WM: LBE	Company Wide	INFORMATION NOT PROVIDED						
Gasper Electric 6828 Dalee Court Valley Springs, CA 95252 209-601-1171		Manager/Prof							
		Technical/Sales							
		Clerical/Skilled							
		Semi/Unskilled							
		Bay Area							
		Co. Wide MSA:							
S	WM: LBE	Company Wide	INFORMATION NOT PROVIDED						
B12 Inc. 11467 Sunrise Gold Drive, #8 Rancho Cordova, CA 95742 916-635-3600		Manager/Prof							
		Technical/Sales							
		Clerical/Skilled							
		Semi/Unskilled							
		Bay Area							
		Co. Wide MSA:							
S	EMM: AI	Company Wide	INFORMATION NOT PROVIDED						
Foothill Plumbing P.O. Box 1307 Ione, CA 95640 209-781-5189		Manager/Prof							
		Technical/Sales							
		Clerical/Skilled							
		Semi/Unskilled							
		Bay Area							
		Co. Wide MSA:							
S	WM: LBE	Company Wide	INFORMATION NOT PROVIDED						
Gizzy Mechanical Services 16493 East Hwy 88 Lockeford, CA 95237 209-425-1490		Manager/Prof							
		Technical/Sales							
		Clerical/Skilled							
		Semi/Unskilled							
		Bay Area							
		Co. Wide MSA:							
S	EMM: H	Company Wide	INFORMATION NOT PROVIDED						
Paradise Painting 1311 W Marlette Street Ione, CA 95640 209-332-0310		Manager/Prof							
		Technical/Sales							
		Clerical/Skilled							
		Semi/Unskilled							
		Bay Area							
		Co. Wide MSA:							

WM=White Male, WW=White Women, EM=Ethnic Minority (Ethnicities: B=Black, H=Hispanic, A/PI=Asian/Pacific Islander, and AI/AN=American Indian/Alaskan Native)



AFFIRMATIVE ACTION SUMMARY (P-061)

(Completed by District)

This summarizes information provided by the contractor(s)' P-025 Form regarding their workforce.

Title: Pardee Hydropower Crew Quarters Renovation		Ethnic Minority Percentages From U.S. Census Data							
		B	H	A/PI	AI/AN	TOTAL			
Construction Services Agreement		DATE: 5/4/2023	9 Bay Area Counties		5.5	16.2	14.2	0.4	39.9
			Alameda/CC Counties		10.7	15.6	15.4	0.5	46.2
R=Recmmd P=Prime S=Sub	Composition of Ownership	Number of Ethnic Minority Employees							
Company Name, Owner/Contact Person, Address, and Phone Number		B	H	A/PI	AI/AN	TOTAL	PERCENT	MSA %	
S	WM: LBE	Company Wide		INFORMATION NOT PROVIDED					
Pinnell's Carpet One 263 Main Street Angels Camp, CA 95222 209-736-8077		Manager/Prof							
		Technical/Sales							
		Clerical/Skilled							
		Semi/Unskilled							
Bay Area		Co. Wide MSA:							
S	WM: LBE	Company Wide		INFORMATION NOT PROVIDED					
Bolin Builders P.O. Box 1437 Valley Springs, CA 95252 209-772-2280		Manager/Prof							
		Technical/Sales							
		Clerical/Skilled							
		Semi/Unskilled							
Bay Area		Co. Wide MSA:							
S	WM: LBE	Company Wide		INFORMATION NOT PROVIDED					
Bolin Roofing 2306 Danaher Drive Valley Springs, CA 95252 209-772-1809		Manager/Prof							
		Technical/Sales							
		Clerical/Skilled							
		Semi/Unskilled							
Bay Area		Co. Wide MSA:							
S	WM: LBE	Company Wide		INFORMATION NOT PROVIDED					
One Chance Metal Works Inc. 5600 Ferseyna Way Valley Springs, CA 95252 925-724-8227		Manager/Prof							
		Technical/Sales							
		Clerical/Skilled							
		Semi/Unskilled							
Bay Area		Co. Wide MSA:							
S	WM: LBE	Company Wide		INFORMATION NOT PROVIDED					
Doors Plus 314 North Main Street Lodi, CA 95240 209-369-5866		Manager/Prof							
		Technical/Sales							
		Clerical/Skilled							
		Semi/Unskilled							
Bay Area		Co. Wide MSA:							
S	WM: LBE	Company Wide		INFORMATION NOT PROVIDED					
The Glass Shop 630 Fairway Drive Galt, CA 95632 209-745-1513		Manager/Prof							
		Technical/Sales							
		Clerical/Skilled							
		Semi/Unskilled							
Bay Area		Co. Wide MSA:							

WM=White Male, WW=White Women, EM=Ethnic Minority (Ethnicities: B=Black, H=Hispanic, A/PI=Asian/Pacific Islander, and AI/AN=American Indian/Alaskan Native)



AFFIRMATIVE ACTION SUMMARY (P-061)

(Completed by District)

This summarizes information provided by the contractor(s)' P-025 Form regarding their workforce.

Title: Pardee Hydropower Crew Quarters Renovation		Ethnic Minority Percentages From U.S. Census Data							
			B	H	A/PI	AI/AN	TOTAL		
Construction Services Agreement	DATE: 5/4/2023	National	10.5	10.7	3.7	0.7	27.3		
		9 Bay Area Counties	5.5	16.2	14.2	0.4	39.9		
		Alameda/CC Counties	10.7	15.6	15.4	0.5	46.2		
R=Recmmd P=Prime S=Sub	Composition of Ownership	Number of Ethnic Minority Employees							
Company Name, Owner/Contact Person, Address, and Phone Number		B	H	A/PI	AI/AN	TOTAL	PERCENT	MSA %	
S	WM: LBE	Company Wide	INFORMATION NOT PROVIDED						
Sender's Market		Manager/Prof							
72 South Hwy 26 Valley Springs, CA 95252		Technical/Sales							
209-772-1337		Clerical/Skilled							
		Semi/Unskilled							
		Bay Area							
		Co. Wide MSA:							
S	WM	Company Wide	INFORMATION NOT PROVIDED						
Millwork - PCI Enterprises		Manager/Prof							
6765 Horizon Road Hath, TX 75032		Technical/Sales							
855-564-5596		Clerical/Skilled							
		Semi/Unskilled							
		Bay Area							
		Co. Wide MSA:							
			INFORMATION NOT PROVIDED						
P	WM: L/SBE	Company Wide	4	4	4	4	16	64.0%	47.4%
T & S Intermodal Maintenance, Inc dba T & S West Angela Hawkins 6540 Austin Road Stockton, CA 95215 209-942-1360		Manager/Prof	1	1	1	1	4	44.4%	
		Technical/Sales	1	1	1	1	-	NA	
		Clerical/Skilled	1	1	1	1	4	33.3%	
		Semi/Unskilled	1	1	1	1	4	100.0%	
		Bay Area	-	-	-	-	0	0.0%	
		Co. Wide MSA:	Stockton-Lodi		# Employees-Co. Wide: 25		Bay Area: 25		
P	WM: L/SBE	Company Wide	0	7	1	0	8	10.5%	47.4%
Diede Construction, Inc. Kari Maldonado 12393 Hwy 99 Lodi, CA 95240 209-369-8255		Manager/Prof	0	1	0	0	1	2.9%	
		Technical/Sales	0	0	0	0	0	0.0%	
		Clerical/Skilled	0	4	1	0	5	16.1%	
		Semi/Unskilled	0	2	0	0	2	25.0%	
		Bay Area	0	0	0	0	0	0.0%	
		Co. Wide MSA:	San Joaquin		# Employees-Co. Wide: 35		Bay Area: 0		
P	WM: L/SBE	Company Wide	0	2	0	0	2	100.0%	47.4%
Blevins Construction Joshua Blevins 13487 Marengo Road Galt, CA 95632 209-810-0723		Manager/Prof	0	0	0	0	0	0.0%	
		Technical/Sales	0	0	0	0	0	0.0%	
		Clerical/Skilled	0	0	0	0	0	0.0%	
		Semi/Unskilled	0	2	0	0	2	100.0%	
		Bay Area	0	0	0	0	-	NA	
		Co. Wide MSA:	San Joaquin		# Employees-Co. Wide: 2		Bay Area: 0		

WM=White Male, WW=White Women, EM=Ethnic Minority (Ethnicities: B=Black, H=Hispanic, A/PI=Asian/Pacific Islander, and AI/AN=American Indian/Alaskan Native)

This page is intentionally left blank.

ITEM 09

PUBLIC HEARING

to consider revisions to the
water and wastewater system
schedules of rates and charges,
capacity charges and other
fees recommended in the
Biennial Report and
Recommendation of the
General Manager for Fiscal
Years 2024 and 2025

WILL BE PROVIDED
AS AN ORAL REPORT

This page is intentionally left blank.



BOARD ACTION

Agenda Number:	10.1.	Meeting Date:	June 13, 2023
----------------	-------	---------------	---------------

TITLE **REVISIONS TO WATER AND WASTEWATER RATES AND CHARGES SUBJECT TO PROPOSITION 218 FOR FISCAL YEAR 2024 AND FISCAL YEAR 2025**

ACTION Motion: Resolution: Ordinance:


RECOMMENDED ACTION Adopt the rates and charges subject to Proposition 218 recommended in the Biennial Report and Recommendation of the General Manager for Fiscal Years (FY) 2024 and 2025 filed with the Board of Directors on May 9, 2023.

SUMMARY The recommended action adjusts rates, charges, and fees subject to Proposition 218 to support the FY 2024 and FY 2025 Operating and Capital budgets for the Water and Wastewater Systems as presented in the Biennial Report and Recommendation of the General Manager for Fiscal Years 2024 and 2025, Revisions to the Water and Wastewater System Schedule of Rates and Charges, Capacity Fees and Other Fees filed with the Board on May 9, 2023. In addition to the public hearing on the proposed changes to Water and Wastewater rates and charges scheduled for the June 13, 2023 Board meeting, the Board held budget workshops on January 24, 2023 and March 28, 2023 to review the proposed operating and capital budgets and proposed changes to rates and charges.

DISCUSSION The recommended changes to the schedules of rates, charges, and fees subject to Proposition 218 are summarized below and included in the attached resolution as:

- Exhibit A – Water System Schedules of Rates and Charges
- Exhibit B – Wastewater System Schedules of Rates and Charges

- Modify Schedule A of the Water System Schedules of Rates and Charges (see Exhibit A to the attached resolution) including modifications to monthly Water Service Charge, Water Flow Charge, Private Fire Service Charge, and Elevation Surcharge.
 - The proposed modifications will increase overall water non-drought rates (Water Service Charge, Water Flow Charge, Private Fire Service Charge, and Elevation Surcharge) by approximately 8.5 percent overall for FY 2024 and by an additional 8.5 percent overall for FY 2025.
 - Excluding any potential Drought Surcharges, the impact of the overall 8.5 percent rate increase for FY 2024 will be 8.5 percent for a typical single-family residential customer using 8 hundred cubic feet (CCF)/month, 8.5 percent for a typical multi-family residential customer using 50 CCF/month, 8.5 percent for a typical commercial customer using 50 CCF/month, and 8.5 percent for a typical industrial customer using

Originating Department: Finance	Department Director or Manager: Sophia D. Skoda	CEP Forms? N/A	Board Action Type: Financial
Funds Available: N/A	Budget Coding: N/A		Approved: 
Attachment(s): Exhibit A – Water System Schedules of Rates, Charges, and Fees Subject to Proposition 218; Exhibit B – Wastewater System Schedules of Rates, Charges, and Fees Subject to Proposition 218; Resolution			

Title:	Revisions to Water and Wastewater Rates and Charges Subject to Proposition 218 for Fiscal Year 2024 and Fiscal Year 2025	Meeting Date:	June 13, 2023
--------	--	---------------	---------------

500 CCF/month. For FY 2025, the approximate increase to the typical residential and non-residential customer will be 8.5 percent.

- Maintain Schedule L Drought Surcharge Rate Schedule of Water Service
 - The District’s Proposition 218 notice for FY 2024 and FY 2025 includes information regarding the Drought Surcharges so that they remain available to the Board to implement in the event the District is in a Stage 2 or greater drought. Prior to implementing a Drought Surcharge, the District will prepare an updated drought budget, and develop and adopt an exact Drought Surcharge based on the 2015 cost of service (COS) study. Any Drought Surcharge imposed will be consistent with the current staged system and will not exceed the maximum Drought Surcharge percentage listed in Schedule L that applies to the drought stage in effect when the Drought Surcharge is imposed.
- Modify Schedule A and Schedule B of the Wastewater System Schedules of Rates and Charges (see Exhibit B to the attached resolution), including modifications to the Wastewater Rates for Treatment Service (Monthly Service Charge, Strength Charge, Flow Charge) and the Wet Weather Facilities Charge (WWFC).
 - The proposed modifications will increase the Wastewater System rates and charges by approximately 8.5 percent overall for FY 2024 and by an additional 8.5 percent overall for FY 2025, as shown in Wastewater System Schedule A – Rates for Treatment Service (Service, Strength and Flow charges).
 - The proposed modifications will increase the overall WWFC as shown in Wastewater System Schedule B by 8.5 percent for FY 2024 and by an additional 8.5 percent for FY 2025.
 - For the wastewater charges collected on the water bill, the impact of the FY 2024 changes to the Wastewater System rates and charges will be an increase of 8.4 percent for a typical single-family residential customer using 6 CCF/month, an increase of 8.4 percent for a typical multi-family residential customer using 25 CCF/month, an increase of 8.2 percent for a typical commercial customer using 50 CCF/month, and an increase of 8.3 percent for a typical industrial customer using 500 CCF/month. Differences in percentages are attributed to rounding and other adjustments recommended by the 2019 wastewater COS study to the individual components of the Wastewater System rates and charges and because no changes are being made to the Pollution Prevention charge for FY 2024 and FY 2025. For FY 2025, the approximate increases of wastewater charges on the water bills for typical single-family residential customers, multi-family residential customers, commercial customers, and industrial customers will be 8.4 percent, 8.3 percent, 8.1 percent, and 8.4 percent respectively.
 - The WWFC is based on customer lot size and is collected on the property tax bill pursuant to the District’s authority under the California Health & Safety Code (H&SC). The proposed FY 2024 annual charges will increase 8.5 percent from the FY 2023 annual charges for the three lot size types and will be \$135.82 for lots between 0 to 5,000 square feet (sq. ft.), \$212.12 for lots between 5,001 to 10,000 sq. ft., and \$484.78 for lots over 10,000 sq. ft. The H&SC requires approval by two-thirds of the members of the Board (i.e., by at least five of seven Board members) for the WWFC to

Title:	Revisions to Water and Wastewater Rates and Charges Subject to Proposition 218 for Fiscal Year 2024 and Fiscal Year 2025	Meeting Date:	June 13, 2023
--------	--	---------------	---------------

be collected on the property tax roll. Additional H&SC requirements include filing a written report every year listing each parcel and the applicable WWFC to be collected on the tax roll; a public hearing every year for the Board to consider objections to the report and to adopt the report if a majority of property owners do not protest; and filing the report with the county auditors prior to August 10 of each year. The proposed FY 2025 annual charges for the three lot size types would increase by 8.5 percent from the FY 2024 proposed charges.

The rate increases are recommended to be effective for services rendered on or after July 1, 2023 for FY 2024, and for services rendered on or after July 1, 2024 for FY 2025.

SUSTAINABILITY

Economic

The updated rates and charges in the schedules for both water and wastewater systems will meet Board financial policy goals and recover costs identified in the proposed FY 2024 and FY 2025 operating and capital budgets.

ALTERNATIVE

Do not adopt the recommended changes to the schedules of rates, charges, and fees. This alternative is not recommended because the current rates would not adequately recover the costs of providing water and wastewater services to ratepayers.

I:\Sec\2023 Board Related Items\061323 Board Agenda Items\FIN\Rates (Prop 218) Adoption 061323.docx

This page is intentionally left blank.

**Water System Schedules of Rates and Charges, and Fees Subject to
Proposition 218**

FY 2024 & FY 2025

Schedule A – Rate Schedule for Water

Schedule L – Drought Surcharge

Schedule A

Rate Schedule for Water Service

FY 2024



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23~~2~~

A. ONE MONTH BILLING

Bills for all metered services shall consist of:

FIRST – A WATER SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT	
5/8 and 3/4 inch	\$30.14	<u>\$32.70</u>
1 inch	45.53	<u>49.40</u>
1-1/2 inch	84.02	<u>91.16</u>
2 inch	130.17	<u>141.23</u>
3 inch	253.30	<u>274.83</u>
4 inch	391.81	<u>425.11</u>
6 inch	776.48	<u>842.48</u>
8 inch	1,238.15	<u>1,343.39</u>
10 inch	1,776.73	<u>1,927.75</u>
12 inch	2,469.24	<u>2,679.13</u>
14 inch	3,161.69	<u>3,430.43</u>
16 inch	4,008.07	<u>4,348.76</u>
18 inch	4,854.42	<u>5,267.05</u>

The service charge for a special type of meter or for a battery of meters installed on one service in lieu of one meter will be based on the size of a single standard meter of equivalent capacity as determined by the District.

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23~~2~~

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on one month meter readings for all water delivered per unit of water (1 unit = 100 cu. ft. = 748 gallons):

<u>Potable Water Service</u>	WATER FLOW CHARGE PER UNIT	
Single Family Residential Accounts:		
For the first 172 gpd	\$4.60	<u>\$4.99</u>
For all water used in excess of 172 gpd, up to 393 gpd	6.32	<u>6.86</u>
For all water used in excess of 393 gpd	8.35	<u>9.06</u>
Multiple Family Residential Accounts:		
For all water used	6.50	<u>7.05</u>
All Other Water Use:		
For all water used	6.47	<u>7.02</u>

All individually metered multi-family dwelling units or individually metered mobile home residential units that receive District service shall be billed at the single-family residential rate.

<u>Nonpotable/Recycled Water Service</u>	WATER FLOW CHARGE PER UNIT	
For all water used	\$5.04	<u>\$5.47</u>



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23~~2~~

B. TWO MONTH BILLING

Bills for all metered services shall consist of:

FIRST – A WATER SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT	
5/8 and 3/4 inch	\$60.28	<u>\$65.40</u>
1 inch	91.06	<u>98.80</u>
1-1/2 inch	168.04	<u>182.32</u>
2 inch	260.34	<u>282.46</u>
3 inch	506.60	<u>549.66</u>
4 inch	783.62	<u>850.22</u>
6 inch	1,552.96	<u>1,684.96</u>
8 inch	2,476.30	<u>2,686.78</u>
10 inch	3,553.46	<u>3,855.50</u>
12 inch	4,938.48	<u>5,358.26</u>
14 inch	6,323.38	<u>6,860.86</u>
16 inch	8,016.14	<u>8,697.52</u>
18 inch	9,708.84	<u>10,534.10</u>

The water service charge for a special type of meter or for a battery of meters installed on one service in lieu of one meter will be based on the size of a single standard meter of equivalent capacity as determined by the District.

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23~~2~~

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on two month meter readings for all water delivered per 1 unit of water (1 unit = 100 cu. ft. = 748 gallons):

<u>Potable Water Service</u>	WATER FLOW CHARGE PER UNIT	
Single Family Residential Accounts:		
For the first 172 gpd	\$4.60	<u>\$4.99</u>
For all water used in excess of 172 gpd, up to 393 gpd	6.32	<u>6.86</u>
For all water used in excess of 393 gpd	8.35	<u>9.06</u>
Multiple Family Residential Accounts:		
For all water used	6.50	<u>7.05</u>
All Other Water Use:		
For all water used	6.47	<u>7.02</u>

All individually metered multi-family dwelling units or individually metered mobile home residential units that receive District service shall be billed at the single-family residential rate.

<u>Nonpotable/Recycled Water Service</u>	WATER FLOW CHARGE PER UNIT	
For all water used	\$5.04	<u>\$5.47</u>

C. EXCEPTIONS TO TWO MONTH BILLING

Except as provided below, customer accounts shall be subject to bi-monthly meter reading and customer billing schedules

- Accounts for which the average monthly bill is estimated to exceed \$1,500; such accounts will be billed monthly.
- Accounts for which there are reasonable and justifiable customer requests for monthly billing.
- Accounts for which the average monthly bill is estimated to be between \$100 and \$1,500, and the customer service manager recommends monthly billing based on an evaluation of credit and/or collection problems.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23~~2~~

D. PRIVATE FIRE SERVICES

~~Effective July 1, 2005,~~ The rates for Private Fire Services shall consist of:

FIRST – A MONTHLY SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT	
5/8 and 3/4 inch	\$16.04	<u>\$17.40</u>
1 inch	22.05	<u>23.92</u>
1-1/2 inch	36.96	<u>40.10</u>
2 inch	54.87	<u>59.53</u>
3 inch	102.71	<u>111.44</u>
4 inch	156.48	<u>169.78</u>
6 inch	305.87	<u>331.87</u>
8 inch	485.15	<u>526.39</u>
10 inch	694.28	<u>753.29</u>
12 inch	963.16	<u>1,045.03</u>
14 inch	1,232.09	<u>1,336.82</u>
16 inch	1,560.77	<u>1,693.44</u>
18 inch	1,889.44	<u>2,050.04</u>

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on two-month meter readings for all water delivered per unit:

There shall be no charge for water through such services extinguishing accidental fires, but any water lost through leakage or used in violation of the District’s Regulations shall be paid at the rate for general use and may be subject to a penalty as may be established by the District.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23~~2~~

E. ELEVATION SURCHARGE

Elevation Designator	AMOUNT PER UNIT	
Pressure Zone 1: Elevation Designator 0 and 1	\$0.00	\$0.00
Pressure Zone 2: Elevation Designator 2 through 5	0.93	<u>1.01</u>
Pressure Zone 3: Elevation Designator 6 and greater	1.93	<u>2.09</u>

The elevation surcharge is determined by the pressure zone in which the service connection is located. Pressure zones are identified by designations that include an elevation designator.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23

A. ONE MONTH BILLING

Bills for all metered services shall consist of:

FIRST – A WATER SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT
5/8 and 3/4 inch	\$32.70
1 inch	49.40
1-1/2 inch	91.16
2 inch	141.23
3 inch	274.83
4 inch	425.11
6 inch	842.48
8 inch	1,343.39
10 inch	1,927.75
12 inch	2,679.13
14 inch	3,430.43
16 inch	4,348.76
18 inch	5,267.05

The service charge for a special type of meter or for a battery of meters installed on one service in lieu of one meter will be based on the size of a single standard meter of equivalent capacity as determined by the District.

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on one month meter readings for all water delivered per unit of water (1 unit = 100 cu. ft. = 748 gallons):

<u>Potable Water Service</u>	WATER FLOW CHARGE PER UNIT
Single Family Residential Accounts:	
For the first 172 gpd	\$4.99
For all water used in excess of 172 gpd, up to 393 gpd	6.86
For all water used in excess of 393 gpd	9.06
Multiple Family Residential Accounts:	
For all water used	7.05
All Other Water Use:	
For all water used	7.02

All individually metered multi-family dwelling units or individually metered mobile home residential units that receive District service shall be billed at the single-family residential rate.

<u>Nonpotable/Recycled Water Service</u>	WATER FLOW CHARGE PER UNIT
For all water used	\$5.47



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23

B. TWO MONTH BILLING

Bills for all metered services shall consist of:

FIRST – A WATER SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT
5/8 and 3/4 inch	\$65.40
1 inch	98.80
1-1/2 inch	182.32
2 inch	282.46
3 inch	549.66
4 inch	850.22
6 inch	1,684.96
8 inch	2,686.78
10 inch	3,855.50
12 inch	5,358.26
14 inch	6,860.86
16 inch	8,697.52
18 inch	10,534.10

The water service charge for a special type of meter or for a battery of meters installed on one service in lieu of one meter will be based on the size of a single standard meter of equivalent capacity as determined by the District.

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on two month meter readings for all water delivered per 1 unit of water (1 unit = 100 cu. ft. = 748 gallons):

<u>Potable Water Service</u>	WATER FLOW CHARGE PER UNIT
Single Family Residential Accounts:	
For the first 172 gpd	\$4.99
For all water used in excess of 172 gpd, up to 393 gpd	6.86
For all water used in excess of 393 gpd	9.06
Multiple Family Residential Accounts:	
For all water used	7.05
All Other Water Use:	
For all water used	7.02

All individually metered multi-family dwelling units or individually metered mobile home residential units that receive District service shall be billed at the single-family residential rate.

<u>Nonpotable/Recycled Water Service</u>	WATER FLOW CHARGE PER UNIT
For all water used	\$5.47

C. EXCEPTIONS TO TWO MONTH BILLING

Except as provided below, customer accounts shall be subject to bi-monthly meter reading and customer billing schedules

- Accounts for which the average monthly bill is estimated to exceed \$1,500; such accounts will be billed monthly.
- Accounts for which there are reasonable and justifiable customer requests for monthly billing.
- Accounts for which the average monthly bill is estimated to be between \$100 and \$1,500, and the customer service manager recommends monthly billing based on an evaluation of credit and/or collection problems.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23

D. PRIVATE FIRE SERVICES

The rates for Private Fire Services shall consist of:

FIRST – A MONTHLY SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT
5/8 and 3/4 inch	\$17.40
1 inch	23.92
1-1/2 inch	40.10
2 inch	59.53
3 inch	111.44
4 inch	169.78
6 inch	331.87
8 inch	526.39
10 inch	753.29
12 inch	1,045.03
14 inch	1,336.82
16 inch	1,693.44
18 inch	2,050.04

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on two-month meter readings for all water delivered per unit:

There shall be no charge for water through such services extinguishing accidental fires, but any water lost through leakage or used in violation of the District's Regulations shall be paid at the rate for general use and may be subject to a penalty as may be established by the District.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23

E. ELEVATION SURCHARGE

Elevation Designator	AMOUNT PER UNIT
Pressure Zone 1: Elevation Designator 0 and 1	\$0.00
Pressure Zone 2: Elevation Designator 2 through 5	1.01
Pressure Zone 3: Elevation Designator 6 and greater	2.09

The elevation surcharge is determined by the pressure zone in which the service connection is located. Pressure zones are identified by designations that include an elevation designator.

Schedule A

Rate Schedule for Water Service

FY 2025



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24~~3~~

A. ONE MONTH BILLING

Bills for all metered services shall consist of:

FIRST – A WATER SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT	
5/8 and 3/4 inch	\$32.70	<u>\$35.48</u>
1 inch	49.40	<u>53.60</u>
1-1/2 inch	91.16	<u>98.91</u>
2 inch	141.23	<u>153.23</u>
3 inch	274.83	<u>298.19</u>
4 inch	425.11	<u>461.24</u>
6 inch	842.48	<u>914.09</u>
8 inch	1,343.39	<u>1,457.58</u>
10 inch	1,927.75	<u>2,091.61</u>
12 inch	2,679.13	<u>2,906.86</u>
14 inch	3,430.43	<u>3,722.02</u>
16 inch	4,348.76	<u>4,718.40</u>
18 inch	5,267.05	<u>5,714.75</u>

The service charge for a special type of meter or for a battery of meters installed on one service in lieu of one meter will be based on the size of a single standard meter of equivalent capacity as determined by the District.

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24~~3~~

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on one month meter readings for all water delivered per unit of water (1 unit = 100 cu. ft. = 748 gallons):

<u>Potable Water Service</u>	WATER FLOW CHARGE PER UNIT	
Single Family Residential Accounts:		
For the first 172 gpd	\$4.99	<u>\$5.41</u>
For all water used in excess of 172 gpd, up to 393 gpd	6.86	<u>7.44</u>
For all water used in excess of 393 gpd	9.06	<u>9.83</u>
Multiple Family Residential Accounts:		
For all water used	7.05	<u>7.65</u>
All Other Water Use:		
For all water used	7.02	<u>7.62</u>

All individually metered multi-family dwelling units or individually metered mobile home residential units that receive District service shall be billed at the single-family residential rate.

<u>Nonpotable/Recycled Water Service</u>	WATER FLOW CHARGE PER UNIT	
For all water used	\$5.47	<u>\$5.93</u>



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24~~3~~

B. TWO MONTH BILLING

Bills for all metered services shall consist of:

FIRST – A WATER SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT	
5/8 and 3/4 inch	\$65.40	<u>\$70.96</u>
1 inch	98.80	<u>107.20</u>
1-1/2 inch	182.32	<u>197.82</u>
2 inch	282.46	<u>306.46</u>
3 inch	549.66	<u>596.38</u>
4 inch	850.22	<u>922.48</u>
6 inch	1,684.96	<u>1,828.18</u>
8 inch	2,686.78	<u>2,915.16</u>
10 inch	3,855.50	<u>4,183.22</u>
12 inch	5,358.26	<u>5,813.72</u>
14 inch	6,860.86	<u>7,444.04</u>
16 inch	8,697.52	<u>9,436.80</u>
18 inch	10,534.10	<u>11,429.50</u>

The water service charge for a special type of meter or for a battery of meters installed on one service in lieu of one meter will be based on the size of a single standard meter of equivalent capacity as determined by the District.

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24~~3~~

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on two month meter readings for all water delivered per 1 unit of water (1 unit = 100 cu. ft. = 748 gallons):

<u>Potable Water Service</u>	WATER FLOW CHARGE PER UNIT	
Single Family Residential Accounts:		
For the first 172 gpd	\$4.99	<u>\$5.41</u>
For all water used in excess of 172 gpd, up to 393 gpd	6.86	<u>7.44</u>
For all water used in excess of 393 gpd	9.06	<u>9.83</u>
Multiple Family Residential Accounts:		
For all water used	7.05	<u>7.65</u>
All Other Water Use:		
For all water used	7.02	<u>7.62</u>

All individually metered multi-family dwelling units or individually metered mobile home residential units that receive District service shall be billed at the single-family residential rate.

<u>Nonpotable/Recycled Water Service</u>	WATER FLOW CHARGE PER UNIT	
For all water used	\$5.47	<u>\$5.93</u>

C. EXCEPTIONS TO TWO MONTH BILLING

Except as provided below, customer accounts shall be subject to bi-monthly meter reading and customer billing schedules

- Accounts for which the average monthly bill is estimated to exceed \$1,500; such accounts will be billed monthly.
- Accounts for which there are reasonable and justifiable customer requests for monthly billing.
- Accounts for which the average monthly bill is estimated to be between \$100 and \$1,500, and the customer service manager recommends monthly billing based on an evaluation of credit and/or collection problems.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24~~3~~

D. PRIVATE FIRE SERVICES

The rates for Private Fire Services shall consist of:

FIRST – A MONTHLY SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT	
5/8 and 3/4 inch	\$17.40	<u>\$18.88</u>
1 inch	23.92	<u>25.95</u>
1-1/2 inch	40.10	<u>43.51</u>
2 inch	59.53	<u>64.59</u>
3 inch	111.44	<u>120.91</u>
4 inch	169.78	<u>184.21</u>
6 inch	331.87	<u>360.08</u>
8 inch	526.39	<u>571.13</u>
10 inch	753.29	<u>817.32</u>
12 inch	1,045.03	<u>1,133.86</u>
14 inch	1,336.82	<u>1,450.45</u>
16 inch	1,693.44	<u>1,837.38</u>
18 inch	2,050.04	<u>2,224.29</u>

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on two-month meter readings for all water delivered per unit:

There shall be no charge for water through such services extinguishing accidental fires, but any water lost through leakage or used in violation of the District’s Regulations shall be paid at the rate for general use and may be subject to a penalty as may be established by the District.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24~~3~~

E. ELEVATION SURCHARGE

Elevation Designator	AMOUNT PER UNIT	
Pressure Zone 1: Elevation Designator 0 and 1	\$0.00	\$0.00
Pressure Zone 2: Elevation Designator 2 through 5	1.04	<u>1.10</u>
Pressure Zone 3: Elevation Designator 6 and greater	2.09	<u>2.27</u>

The elevation surcharge is determined by the pressure zone in which the service connection is located. Pressure zones are identified by designations that include an elevation designator.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24

A. ONE MONTH BILLING

Bills for all metered services shall consist of:

FIRST – A WATER SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT
5/8 and 3/4 inch	\$35.48
1 inch	53.60
1-1/2 inch	98.91
2 inch	153.23
3 inch	298.19
4 inch	461.24
6 inch	914.09
8 inch	1,457.58
10 inch	2,091.61
12 inch	2,906.86
14 inch	3,722.02
16 inch	4,718.40
18 inch	5,714.75

The service charge for a special type of meter or for a battery of meters installed on one service in lieu of one meter will be based on the size of a single standard meter of equivalent capacity as determined by the District.

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on one month meter readings for all water delivered per unit of water (1 unit = 100 cu. ft. = 748 gallons):

<u>Potable Water Service</u>	WATER FLOW CHARGE PER UNIT
Single Family Residential Accounts:	
For the first 172 gpd	\$5.41
For all water used in excess of 172 gpd, up to 393 gpd	7.44
For all water used in excess of 393 gpd	9.83
Multiple Family Residential Accounts:	
For all water used	7.65
All Other Water Use:	
For all water used	7.62

All individually metered multi-family dwelling units or individually metered mobile home residential units that receive District service shall be billed at the single-family residential rate.

<u>Nonpotable/Recycled Water Service</u>	WATER FLOW CHARGE PER UNIT
For all water used	\$5.93



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24

B. TWO MONTH BILLING

Bills for all metered services shall consist of:

FIRST – A WATER SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT
5/8 and 3/4 inch	\$70.96
1 inch	107.20
1-1/2 inch	197.82
2 inch	306.46
3 inch	596.38
4 inch	922.48
6 inch	1,828.18
8 inch	2,915.16
10 inch	4,183.22
12 inch	5,813.72
14 inch	7,444.04
16 inch	9,436.80
18 inch	11,429.50

The water service charge for a special type of meter or for a battery of meters installed on one service in lieu of one meter will be based on the size of a single standard meter of equivalent capacity as determined by the District.

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on two month meter readings for all water delivered per 1 unit of water (1 unit = 100 cu. ft. = 748 gallons):

<u>Potable Water Service</u>	WATER FLOW CHARGE PER UNIT
Single Family Residential Accounts:	
For the first 172 gpd	\$5.41
For all water used in excess of 172 gpd, up to 393 gpd	7.44
For all water used in excess of 393 gpd	9.83
Multiple Family Residential Accounts:	
For all water used	7.65
All Other Water Use:	
For all water used	7.62

All individually metered multi-family dwelling units or individually metered mobile home residential units that receive District service shall be billed at the single-family residential rate.

<u>Nonpotable/Recycled Water Service</u>	WATER FLOW CHARGE PER UNIT
For all water used	\$5.93

C. EXCEPTIONS TO TWO MONTH BILLING

Except as provided below, customer accounts shall be subject to bi-monthly meter reading and customer billing schedules

- Accounts for which the average monthly bill is estimated to exceed \$1,500; such accounts will be billed monthly.
- Accounts for which there are reasonable and justifiable customer requests for monthly billing.
- Accounts for which the average monthly bill is estimated to be between \$100 and \$1,500, and the customer service manager recommends monthly billing based on an evaluation of credit and/or collection problems.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24

D. PRIVATE FIRE SERVICES

The rates for Private Fire Services shall consist of:

FIRST – A MONTHLY SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT
5/8 and 3/4 inch	\$18.88
1 inch	25.95
1-1/2 inch	43.51
2 inch	64.59
3 inch	120.91
4 inch	184.21
6 inch	360.08
8 inch	571.13
10 inch	817.32
12 inch	1,133.86
14 inch	1,450.45
16 inch	1,837.38
18 inch	2,224.29

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on two-month meter readings for all water delivered per unit:

There shall be no charge for water through such services extinguishing accidental fires, but any water lost through leakage or used in violation of the District's Regulations shall be paid at the rate for general use and may be subject to a penalty as may be established by the District.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24

E. ELEVATION SURCHARGE

Elevation Designator	AMOUNT PER UNIT
Pressure Zone 1: Elevation Designator 0 and 1	\$0.00
Pressure Zone 2: Elevation Designator 2 through 5	1.10
Pressure Zone 3: Elevation Designator 6 and greater	2.27

The elevation surcharge is determined by the pressure zone in which the service connection is located. Pressure zones are identified by designations that include an elevation designator.

Schedule L

Drought Surcharge Rate Schedule for Water Service

FY 2024 & FY 2025



SCHEDULE L – DROUGHT SURCHARGE RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/12/17

The rates for the Water Flow Charge shown in Schedule A may be increased up to the following maximum percentages during the specified declared drought stage.

A TEMPORARY SURCHARGE FOR POTABLE WATER DELIVERED based on one month or two months of meter readings for all water delivered as a percentage of the total Water Flow Charge on customer bills:

DROUGHT SURCHARGES ON TOTAL WATER FLOW CHARGE FOR WATER DELIVERED				
	Maximum Applicable Drought Surcharge Percentage ¹ in 4 Stages			
	Stage 1	Stage 2	Stage 3	Stage 4
All potable water flow charges	0%	8%	20%	25%

¹ Drought surcharge percentage increase will be applied to the applicable rate of the customer’s potable Water Flow Charge from Schedule A – Rate Schedule for Water Service. Prior to implementing the drought surcharges, the District will update drought related costs and develop surcharges based on the updated cost of service. Any surcharges that are imposed will be consistent with the District’s staged system of drought surcharges and will not exceed the drought surcharge percentages listed in this Schedule.

**Wastewater System Schedules of Rates, Charges, and Fees Subject to
Proposition 218**

FY 2024 & FY 2025

Schedule A – Rates for Treatment Service

Schedule B – Wet Weather Facilities Charge

Wastewater Department

Schedule A

Rates for Treatment Service

FY 2024



**SCHEDULE A – WASTEWATER DEPARTMENT
RATES FOR TREATMENT SERVICE**

EFFECTIVE 07/01/23~~2~~

	Current	
I. Unit Treatment Rates (for permit accounts)		
Flow (\$ per unit, 1 unit = 100 cubic feet = 748 gallons)	\$1.425	<u>\$1.546</u>
Chemical Oxygen Demand (\$ per pound of discharge)	0.145	<u>0.157</u>
Total Suspended Solids (\$ per pound of discharge)	0.596	<u>0.647</u>
<p>Unit treatment rates for Flow, Chemical Oxygen Demand (COD), Total Suspended Solids (TSS) and a Service Charge are applied to all users unless otherwise indicated.</p>		
II. Residential Monthly Charges (6514 Multi-Family under 5 dwelling units & 8800 Single-Family)		
A. Service Charge (per account)	7.89	<u>8.56</u>
B. Strength Charge (per dwelling unit)	8.22	<u>8.92</u>
Minimum monthly charge per household	16.11	<u>17.48</u>
C. Plus: A flow charge of \$1. 5543 per unit applied to a maximum of 9 units (per dwelling unit)		
Minimum monthly charge at 0 units	0.00	0.00
Maximum monthly charge at 9 units	12.87	<u>13.95</u>
D. Total Residential Charge (A+B+C above) ¹		
Minimum monthly charge (for 8800)	16.11	<u>17.48</u>
Maximum monthly charge (for 8800)	28.98	<u>31.43</u>
Average monthly charge (for 8800)	24.69	<u>26.78</u>
¹ Does not include SF Bay Residential Pollution Prevention Fee		
III. Non-Residential Charges		
A. Monthly service charge (per account)	7.89	<u>8.56</u>
B. Treatment charge including flow processing (per unit of sewage discharge)		
2010 Meat Products	10.00	<u>10.84</u>
2011 Slaughterhouses	9.55	<u>10.36</u>
2020 Dairy Product Processing	7.84	<u>8.50</u>
2030 Fruit and Vegetable Canning	6.31	<u>6.84</u>
2040 Grain Mills	6.28	<u>6.81</u>



SCHEDULE A – WASTEWATER DEPARTMENT RATES FOR TREATMENT SERVICE

EFFECTIVE 07/01/23~~2~~

	Current	
2050 Bakeries (including Pastries)	\$10.86	<u>\$11.77</u>
2060 Sugar Processing	6.21	<u>6.73</u>
2077 Rendering Tallow	18.83	<u>20.42</u>
2080 Beverage Manufacturing & Bottling	4.71	<u>5.11</u>
2090 Specialty Foods Manufacturing	20.29	<u>21.98</u>
2600 Pulp and Paper Products	5.38	<u>5.84</u>
2810 Inorganic Chemicals Mfgr.	6.92	<u>7.51</u>
2820 Synthetic Material Manufacturing	1.62	<u>1.76</u>
2830 Drug Manufacturing	3.50	<u>3.79</u>
2840 Cleaning and Sanitation Products	7.08	<u>7.67</u>
2850 Paint Manufacturing	13.65	<u>14.79</u>
2893 Ink and Pigment Manufacturing	4.94	<u>5.35</u>
3110 Leather Tanning and Finishing	18.85	<u>20.43</u>
3200 Earthenware Manufacturing	3.82	<u>4.15</u>
3300 Primary Metals Manufacturing	3.03	<u>3.28</u>
3400 Metal Products Fabricating	1.77	<u>1.92</u>
3410 Drum and Barrel Manufacturing	19.20	<u>20.80</u>
3470 Metal Coating	1.92	<u>2.08</u>
4500 Air Transportation	2.53	<u>2.74</u>
4951 Groundwater Remediation	1.48	<u>1.60</u>
5812 Food Service Establishments	6.56	<u>7.11</u>
6513 Apartment Buildings (5 or more dwelling units)	3.19	<u>3.46</u>
7000 Hotels, Motels with Food Service	4.71	<u>5.11</u>
7210 Commercial Laundries	4.24	<u>4.60</u>
7215 Coin Operated Laundromats	3.18	<u>3.45</u>
7218 Industrial Laundries	12.07	<u>13.08</u>
7300 Laboratories	2.28	<u>2.47</u>
7542 Automobile Washing and Polishing	3.02	<u>3.27</u>
8060 Hospitals	2.90	<u>3.14</u>
8200 Schools	2.13	<u>2.31</u>
All Other Business Classification Code (includes dischargers of only segregated domestic wastes from sanitary conveniences)	3.19	<u>3.46</u>



SCHEDULE A – WASTEWATER DEPARTMENT RATES FOR TREATMENT SERVICE

EFFECTIVE 07/01/23~~2~~

Multi-Use Food Service Establishments and Domestic Waste Accounts

Accounts identified by EBMUD where there are one or more food service establishments or bakeries sharing the water meter with establishments or operations with only domestic waste discharges. These accounts are assigned an MU code based on the percentage split of the discharge from the food service establishment operations or bakeries and domestic waste. The unit treatment charge for each MU Code is calculated from the food service establishment or bakeries treatment rate and the domestic waste treatment rate.

MU Code		Current	
A	0-9% Food, 91-100% Domestic	\$3.190	<u>\$3.460</u>
B	10-19% Food, 81-90% Domestic	3.527	<u>3.825</u>
C	20-29% Food, 71-80% Domestic	3.864	<u>4.190</u>
D	30-39% Food, 61-70% Domestic	4.201	<u>4.555</u>
E	40-49% Food, 51-60% Domestic	4.538	<u>4.920</u>
F	50-59% Food, 41-50% Domestic	4.875	<u>5.285</u>
G	60-69% Food, 31-40% Domestic	5.212	<u>5.650</u>
H	70-79% Food, 21-30% Domestic	5.549	<u>6.015</u>
I	80-89% Food, 11-20% Domestic	5.886	<u>6.380</u>
J	90-99% Food, 1-10% Domestic	6.223	<u>6.745</u>
K	0-9% Bakery, 91-100% Domestic	3.190	<u>3.460</u>
L	10-19% Bakery, 81-90% Domestic	3.957	<u>4.291</u>
M	20-29% Bakery, 71-80% Domestic	4.724	<u>5.122</u>
N	30-39% Bakery, 61-70% Domestic	5.491	<u>5.953</u>
O	40-49% Bakery, 51-60% Domestic	6.258	<u>6.784</u>
P	50-59% Bakery, 41-50% Domestic	7.025	<u>7.615</u>
Q	60-69% Bakery, 31-40% Domestic	7.792	<u>8.446</u>
R	70-79% Bakery, 21-30% Domestic	8.559	<u>9.277</u>
S	80-89% Bakery, 11-20% Domestic	9.326	<u>10.108</u>
T	90-99% Bakery, 1-10% Domestic	10.093	<u>10.939</u>
Minimum Monthly Treatment Charge:			
6513	Apartment Buildings (5 or more units)	48.99	<u>53.16</u>
	All Others	7.89	<u>8.56</u>



SCHEDULE A – WASTEWATER DEPARTMENT RATES FOR TREATMENT SERVICE

EFFECTIVE 07/01/23

	Current
I. Unit Treatment Rates (for permit accounts)	
Flow (\$ per unit, 1 unit = 100 cubic feet = 748 gallons)	\$1.546
Chemical Oxygen Demand (\$ per pound of discharge)	0.157
Total Suspended Solids (\$ per pound of discharge)	0.647
<p>Unit treatment rates for Flow, Chemical Oxygen Demand (COD), Total Suspended Solids (TSS) and a Service Charge are applied to all users unless otherwise indicated.</p>	
II. Residential Monthly Charges (6514 Multi-Family under 5 dwelling units & 8800 Single-Family)	
A. Service Charge (per account)	8.56
B. Strength Charge (per dwelling unit)	8.92
Minimum monthly charge per household	17.48
C. Plus: A flow charge of \$1.55 per unit applied to a maximum of 9 units (per dwelling unit)	
Minimum monthly charge at 0 units	0.00
Maximum monthly charge at 9 units	13.95
D. Total Residential Charge (A+B+C above) ¹	
Minimum monthly charge (for 8800)	17.48
Maximum monthly charge (for 8800)	31.43
Average monthly charge (for 8800)	26.78
¹ Does not include SF Bay Residential Pollution Prevention Fee	
III. Non-Residential Charges	
A. Monthly service charge (per account)	8.56
B. Treatment charge including flow processing (per unit of sewage discharge)	
2010 Meat Products	10.84
2011 Slaughterhouses	10.36
2020 Dairy Product Processing	8.50
2030 Fruit and Vegetable Canning	6.84
2040 Grain Mills	6.81



SCHEDULE A – WASTEWATER DEPARTMENT RATES FOR TREATMENT SERVICE

EFFECTIVE 07/01/23

	Current
2050 Bakeries (including Pastries)	\$11.77
2060 Sugar Processing	6.73
2077 Rendering Tallow	20.42
2080 Beverage Manufacturing & Bottling	5.11
2090 Specialty Foods Manufacturing	21.98
2600 Pulp and Paper Products	5.84
2810 Inorganic Chemicals Mfgr.	7.51
2820 Synthetic Material Manufacturing	1.76
2830 Drug Manufacturing	3.79
2840 Cleaning and Sanitation Products	7.67
2850 Paint Manufacturing	14.79
2893 Ink and Pigment Manufacturing	5.35
3110 Leather Tanning and Finishing	20.43
3200 Earthenware Manufacturing	4.15
3300 Primary Metals Manufacturing	3.28
3400 Metal Products Fabricating	1.92
3410 Drum and Barrel Manufacturing	20.80
3470 Metal Coating	2.08
4500 Air Transportation	2.74
4951 Groundwater Remediation	1.60
5812 Food Service Establishments	7.11
6513 Apartment Buildings (5 or more dwelling units)	3.46
7000 Hotels, Motels with Food Service	5.11
7210 Commercial Laundries	4.60
7215 Coin Operated Laundromats	3.45
7218 Industrial Laundries	13.08
7300 Laboratories	2.47
7542 Automobile Washing and Polishing	3.27
8060 Hospitals	3.14
8200 Schools	2.31
All Other Business Classification Code (includes dischargers of only segregated domestic wastes from sanitary conveniences)	3.46



SCHEDULE A – WASTEWATER DEPARTMENT RATES FOR TREATMENT SERVICE

EFFECTIVE 07/01/23

Multi-Use Food Service Establishments and Domestic Waste Accounts

Accounts identified by EBMUD where there are one or more food service establishments or bakeries sharing the water meter with establishments or operations with only domestic waste discharges. These accounts are assigned an MU code based on the percentage split of the discharge from the food service establishment operations or bakeries and domestic waste. The unit treatment charge for each MU Code is calculated from the food service establishment or bakeries treatment rate and the domestic waste treatment rate.

MU Code		Current
A	0-9% Food, 91-100% Domestic	\$3.460
B	10-19% Food, 81-90% Domestic	3.825
C	20-29% Food, 71-80% Domestic	4.190
D	30-39% Food, 61-70% Domestic	4.555
E	40-49% Food, 51-60% Domestic	4.920
F	50-59% Food, 41-50% Domestic	5.285
G	60-69% Food, 31-40% Domestic	5.650
H	70-79% Food, 21-30% Domestic	6.015
I	80-89% Food, 11-20% Domestic	6.380
J	90-99% Food, 1-10% Domestic	6.745
K	0-9% Bakery, 91-100% Domestic	3.460
L	10-19% Bakery, 81-90% Domestic	4.291
M	20-29% Bakery, 71-80% Domestic	5.122
N	30-39% Bakery, 61-70% Domestic	5.953
O	40-49% Bakery, 51-60% Domestic	6.784
P	50-59% Bakery, 41-50% Domestic	7.615
Q	60-69% Bakery, 31-40% Domestic	8.446
R	70-79% Bakery, 21-30% Domestic	9.277
S	80-89% Bakery, 11-20% Domestic	10.108
T	90-99% Bakery, 1-10% Domestic	10.939
Minimum Monthly Treatment Charge:		
6513	Apartment Buildings (5 or more units)	53.16
	All Others	8.56

Wastewater Department

Schedule A

Rates for Treatment Service

FY 2025



**SCHEDULE A – WASTEWATER DEPARTMENT
RATES FOR TREATMENT SERVICE**

EFFECTIVE 07/01/24~~3~~

	Current	
I. Unit Treatment Rates (for permit accounts)		
Flow (\$ per unit, 1 unit = 100 cubic feet = 748 gallons)	\$1.546	<u>\$1.677</u>
Chemical Oxygen Demand (\$ per pound of discharge)	0.157	<u>0.170</u>
Total Suspended Solids (\$ per pound of discharge)	0.647	<u>0.702</u>
<p>Unit treatment rates for Flow, Chemical Oxygen Demand (COD), Total Suspended Solids (TSS) and a Service Charge are applied to all users unless otherwise indicated.</p>		
II. Residential Monthly Charges (6514 Multi-Family under 5 dwelling units & 8800 Single-Family)		
A. Service Charge (per account)	8.56	<u>9.29</u>
B. Strength Charge (per dwelling unit)	8.92	<u>9.67</u>
Minimum monthly charge per household	17.48	<u>18.96</u>
C. Plus: A flow charge of \$1. 6855 per unit applied to a maximum of 9 units (per dwelling unit)		
Minimum monthly charge at 0 units	0.00	0.00
Maximum monthly charge at 9 units	13.95	<u>15.12</u>
D. Total Residential Charge (A+B+C above) ¹		
Minimum monthly charge (for 8800)	17.48	<u>18.96</u>
Maximum monthly charge (for 8800)	31.43	<u>34.08</u>
Average monthly charge (for 8800)	26.78	<u>29.04</u>
¹ Does not include SF Bay Residential Pollution Prevention Fee		
III. Non-Residential Charges		
A. Monthly service charge (per account)	8.56	<u>9.29</u>
B. Treatment charge including flow processing (per unit of sewage discharge)		
2010 Meat Products	10.84	<u>11.74</u>
2011 Slaughterhouses	10.36	<u>11.24</u>
2020 Dairy Product Processing	8.50	<u>9.21</u>
2030 Fruit and Vegetable Canning	6.84	<u>7.41</u>
2040 Grain Mills	6.81	<u>7.38</u>



SCHEDULE A – WASTEWATER DEPARTMENT RATES FOR TREATMENT SERVICE

EFFECTIVE 07/01/24~~3~~

	Current	
2050 Bakeries (including Pastries)	\$11.77	<u>\$12.76</u>
2060 Sugar Processing	6.73	<u>7.29</u>
2077 Rendering Tallow	20.42	<u>22.15</u>
2080 Beverage Manufacturing & Bottling	5.11	<u>5.54</u>
2090 Specialty Foods Manufacturing	21.98	<u>23.82</u>
2600 Pulp and Paper Products	5.84	<u>6.33</u>
2810 Inorganic Chemicals Mfgr.	7.51	<u>8.15</u>
2820 Synthetic Material Manufacturing	1.76	<u>1.91</u>
2830 Drug Manufacturing	3.79	<u>4.11</u>
2840 Cleaning and Sanitation Products	7.67	<u>8.31</u>
2850 Paint Manufacturing	14.79	<u>16.03</u>
2893 Ink and Pigment Manufacturing	5.35	<u>5.80</u>
3110 Leather Tanning and Finishing	20.43	<u>22.14</u>
3200 Earthenware Manufacturing	4.15	<u>4.50</u>
3300 Primary Metals Manufacturing	3.28	<u>3.56</u>
3400 Metal Products Fabricating	1.92	<u>2.08</u>
3410 Drum and Barrel Manufacturing	20.80	<u>22.54</u>
3470 Metal Coating	2.08	<u>2.26</u>
4500 Air Transportation	2.74	<u>2.97</u>
4951 Groundwater Remediation	1.60	<u>1.74</u>
5812 Food Service Establishments	7.11	<u>7.71</u>
6513 Apartment Buildings (5 or more dwelling units)	3.46	<u>3.75</u>
7000 Hotels, Motels with Food Service	5.11	<u>5.55</u>
7210 Commercial Laundries	4.60	<u>4.99</u>
7215 Coin Operated Laundromats	3.45	<u>3.74</u>
7218 Industrial Laundries	13.08	<u>14.17</u>
7300 Laboratories	2.47	<u>2.68</u>
7542 Automobile Washing and Polishing	3.27	<u>3.55</u>
8060 Hospitals	3.14	<u>3.41</u>
8200 Schools	2.31	<u>2.51</u>
All Other Business Classification Code (includes dischargers of only segregated domestic wastes from sanitary conveniences)	3.46	<u>3.75</u>



SCHEDULE A – WASTEWATER DEPARTMENT RATES FOR TREATMENT SERVICE

EFFECTIVE 07/01/24~~3~~

Multi-Use Food Service Establishments and Domestic Waste Accounts

Accounts identified by EBMUD where there are one or more food service establishments or bakeries sharing the water meter with establishments or operations with only domestic waste discharges. These accounts are assigned an MU code based on the percentage split of the discharge from the food service establishment operations or bakeries and domestic waste. The unit treatment charge for each MU Code is calculated from the food service establishment or bakeries treatment rate and the domestic waste treatment rate.

MU Code		Current	
A	0-9% Food, 91-100% Domestic	\$3.460	<u>\$3.750</u>
B	10-19% Food, 81-90% Domestic	3.825	<u>4.146</u>
C	20-29% Food, 71-80% Domestic	4.190	<u>4.542</u>
D	30-39% Food, 61-70% Domestic	4.555	<u>4.938</u>
E	40-49% Food, 51-60% Domestic	4.920	<u>5.334</u>
F	50-59% Food, 41-50% Domestic	5.285	<u>5.730</u>
G	60-69% Food, 31-40% Domestic	5.650	<u>6.126</u>
H	70-79% Food, 21-30% Domestic	6.015	<u>6.522</u>
I	80-89% Food, 11-20% Domestic	6.380	<u>6.918</u>
J	90-99% Food, 1-10% Domestic	6.745	<u>7.314</u>
K	0-9% Bakery, 91-100% Domestic	3.460	<u>3.750</u>
L	10-19% Bakery, 81-90% Domestic	4.291	<u>4.651</u>
M	20-29% Bakery, 71-80% Domestic	5.122	<u>5.552</u>
N	30-39% Bakery, 61-70% Domestic	5.953	<u>6.453</u>
O	40-49% Bakery, 51-60% Domestic	6.784	<u>7.354</u>
P	50-59% Bakery, 41-50% Domestic	7.615	<u>8.255</u>
Q	60-69% Bakery, 31-40% Domestic	8.446	<u>9.156</u>
R	70-79% Bakery, 21-30% Domestic	9.277	<u>10.057</u>
S	80-89% Bakery, 11-20% Domestic	10.108	<u>10.958</u>
T	90-99% Bakery, 1-10% Domestic	10.939	<u>11.859</u>
Minimum Monthly Treatment Charge:			
6513	Apartment Buildings (5 or more units)	\$53.16	<u>\$57.64</u>
	All Others	8.56	<u>9.29</u>



**SCHEDULE A – WASTEWATER DEPARTMENT
RATES FOR TREATMENT SERVICE**

EFFECTIVE 07/01/24

	Current
I. Unit Treatment Rates (for permit accounts)	
Flow (\$ per unit, 1 unit = 100 cubic feet = 748 gallons)	\$1.677
Chemical Oxygen Demand (\$ per pound of discharge)	0.170
Total Suspended Solids (\$ per pound of discharge)	0.702
<p>Unit treatment rates for Flow, Chemical Oxygen Demand (COD), Total Suspended Solids (TSS) and a Service Charge are applied to all users unless otherwise indicated.</p>	
II. Residential Monthly Charges (6514 Multi-Family under 5 dwelling units & 8800 Single-Family)	
A. Service Charge (per account)	9.29
B. Strength Charge (per dwelling unit)	9.67
Minimum monthly charge per household	18.96
C. Plus: A flow charge of \$1.68 per unit applied to a maximum of 9 units (per dwelling unit)	
Minimum monthly charge at 0 units	0.00
Maximum monthly charge at 9 units	15.12
D. Total Residential Charge (A+B+C above) ¹	
Minimum monthly charge (for 8800)	18.96
Maximum monthly charge (for 8800)	34.08
Average monthly charge (for 8800)	29.04
¹ Does not include SF Bay Residential Pollution Prevention Fee	
III. Non-Residential Charges	
A. Monthly service charge (per account)	9.29
B. Treatment charge including flow processing (per unit of sewage discharge)	
2010 Meat Products	11.74
2011 Slaughterhouses	11.24
2020 Dairy Product Processing	9.21
2030 Fruit and Vegetable Canning	7.41
2040 Grain Mills	7.38



SCHEDULE A – WASTEWATER DEPARTMENT RATES FOR TREATMENT SERVICE

EFFECTIVE 07/01/24

	Current
2050 Bakeries (including Pastries)	\$12.76
2060 Sugar Processing	7.29
2077 Rendering Tallow	22.15
2080 Beverage Manufacturing & Bottling	5.54
2090 Specialty Foods Manufacturing	23.82
2600 Pulp and Paper Products	6.33
2810 Inorganic Chemicals Mfgr.	8.15
2820 Synthetic Material Manufacturing	1.91
2830 Drug Manufacturing	4.11
2840 Cleaning and Sanitation Products	8.31
2850 Paint Manufacturing	16.03
2893 Ink and Pigment Manufacturing	5.80
3110 Leather Tanning and Finishing	22.14
3200 Earthenware Manufacturing	4.50
3300 Primary Metals Manufacturing	3.56
3400 Metal Products Fabricating	2.08
3410 Drum and Barrel Manufacturing	22.54
3470 Metal Coating	2.26
4500 Air Transportation	2.97
4951 Groundwater Remediation	1.74
5812 Food Service Establishments	7.71
6513 Apartment Buildings (5 or more dwelling units)	3.75
7000 Hotels, Motels with Food Service	5.55
7210 Commercial Laundries	4.99
7215 Coin Operated Laundromats	3.74
7218 Industrial Laundries	14.17
7300 Laboratories	2.68
7542 Automobile Washing and Polishing	3.55
8060 Hospitals	3.41
8200 Schools	2.51
All Other Business Classification Code (includes dischargers of only segregated domestic wastes from sanitary conveniences)	3.75



SCHEDULE A – WASTEWATER DEPARTMENT RATES FOR TREATMENT SERVICE

EFFECTIVE 07/01/24

Multi-Use Food Service Establishments and Domestic Waste Accounts

Accounts identified by EBMUD where there are one or more food service establishments or bakeries sharing the water meter with establishments or operations with only domestic waste discharges. These accounts are assigned an MU code based on the percentage split of the discharge from the food service establishment operations or bakeries and domestic waste. The unit treatment charge for each MU Code is calculated from the food service establishment or bakeries treatment rate and the domestic waste treatment rate.

MU Code		Current
A	0-9% Food, 91-100% Domestic	\$3.750
B	10-19% Food, 81-90% Domestic	4.146
C	20-29% Food, 71-80% Domestic	4.542
D	30-39% Food, 61-70% Domestic	4.938
E	40-49% Food, 51-60% Domestic	5.334
F	50-59% Food, 41-50% Domestic	5.730
G	60-69% Food, 31-40% Domestic	6.126
H	70-79% Food, 21-30% Domestic	6.522
I	80-89% Food, 11-20% Domestic	6.918
J	90-99% Food, 1-10% Domestic	7.314
K	0-9% Bakery, 91-100% Domestic	3.750
L	10-19% Bakery, 81-90% Domestic	4.651
M	20-29% Bakery, 71-80% Domestic	5.552
N	30-39% Bakery, 61-70% Domestic	6.453
O	40-49% Bakery, 51-60% Domestic	7.354
P	50-59% Bakery, 41-50% Domestic	8.255
Q	60-69% Bakery, 31-40% Domestic	9.156
R	70-79% Bakery, 21-30% Domestic	10.057
S	80-89% Bakery, 11-20% Domestic	10.958
T	90-99% Bakery, 1-10% Domestic	11.859
Minimum Monthly Treatment Charge:		
6513	Apartment Buildings (5 or more units)	\$57.64
	All Others	9.29

Wastewater Department

Schedule B

Wet Weather Facilities Charge

FY 2024



**SCHEDULE B – WASTEWATER DEPARTMENT
WET WEATHER FACILITIES CHARGE**

EFFECTIVE 07/01/23~~2~~

Annual Charge Collected on Property Tax Bill¹

TYPE	RATE
Small Lot (0 - 5,000 sq. ft.)	\$ 125.16 <u>135.82</u>
Medium Lot (5,001 – 10,000 sq. ft.)	\$ 195.50 <u>212.12</u>
Large Lot (> 10,000 sq. ft.)	\$ 446.80 <u>484.78</u>

¹ The WWFC for entities that are exempt from property taxes (e.g., public agencies) is collected through the District's billing process.



**SCHEDULE B – WASTEWATER DEPARTMENT
WET WEATHER FACILITIES CHARGE**

EFFECTIVE 07/01/23

Annual Charge Collected on Property Tax Bill¹

TYPE	RATE
Small Lot (0 - 5,000 sq. ft.)	\$135.82
Medium Lot (5,001 – 10,000 sq. ft.)	\$212.12
Large Lot (> 10,000 sq. ft.)	\$484.78

¹ The WWFC for entities that are exempt from property taxes (e.g., public agencies) is collected through the District's billing process.

Wastewater Department

Schedule B

Wet Weather Facilities Charge

FY 2025



**SCHEDULE B – WASTEWATER DEPARTMENT
WET WEATHER FACILITIES CHARGE**

EFFECTIVE 07/01/24~~3~~

Annual Charge Collected on Property Tax Bill¹

TYPE	RATE
Small Lot (0 - 5,000 sq. ft.)	\$ 135.82 <u>147.38</u>
Medium Lot (5,001 – 10,000 sq. ft.)	\$ 212.12 <u>230.16</u>
Large Lot (> 10,000 sq. ft.)	\$ 484.78 <u>526.00</u>

¹ The WWFC for entities that are exempt from property taxes (e.g., public agencies) is collected through the District's billing process.



**SCHEDULE B – WASTEWATER DEPARTMENT
WET WEATHER FACILITIES CHARGE**

EFFECTIVE 07/01/24

Annual Charge Collected on Property Tax Bill¹

TYPE	RATE
Small Lot (0 - 5,000 sq. ft.)	\$147.38
Medium Lot (5,001 – 10,000 sq. ft.)	\$230.16
Large Lot (> 10,000 sq. ft.)	\$526.00

¹ The WWFC for entities that are exempt from property taxes (e.g., public agencies) is collected through the District's billing process.

RESOLUTION NO. _____

ADOPTING WATER SYSTEM SCHEDULE OF RATES AND CHARGES AND
WASTEWATER SYSTEM SCHEDULE OF RATES AND CHARGES SUBJECT TO
PROPOSITION 218 FOR FISCAL YEAR 2024 AND FISCAL YEAR 2025, CONFIRMING
THE EXEMPTION DETERMINATION UNDER THE CALIFORNIA
ENVIRONMENTAL QUALITY ACT, AND DIRECTING STAFF TO FILE A
NOTICE OF EXEMPTION

Introduced by Director

; Seconded by Director

WHEREAS, the Board of Directors of the East Bay Municipal Utility District (District) is adopting the Fiscal Year 2024 (FY 2024) and Fiscal Year 2025 (FY 2025) Operating, Debt Service, and Capital Biennial Budget for expenditures necessary and advisable for the proper conduct of the activities of the District, including funding for needed capital projects and the operation of the water and wastewater systems, and to provide an adequate level of financial reserves and debt service coverage; and

WHEREAS, in November 2013, the District retained Raftelis Financial Consultants to perform an independent Cost of Service (COS) study for the water and wastewater systems, including a study of the proposed Drought Surcharges, to ensure that the District's rates and charges are compliant with the requirements of article XIII D, section 6 of the California Constitution (Proposition 218); and

WHEREAS, in April 2015, Raftelis Financial Consultants completed the District's COS study and identified adjustments to individual water and wastewater rates and charges to conform to Proposition 218 cost of service principles, and substantiated the District's proposed Drought Surcharges as being consistent with Proposition 218; and

WHEREAS, in May 2019, Raftelis Financial Consultants completed a COS study for the District's wastewater system that found the District's charges to be generally consistent with Proposition 218 cost of service principles, and also recommended some adjustments to the wastewater system's rates and charges; and

WHEREAS, in accordance with section 14401 of the California Public Utilities Code, on May 9, 2023, the General Manager filed with the Board of Directors the Biennial Report and Recommendation of the General Manager Fiscal Years 2024 & 2025 (Biennial Report), recommending revisions to the water and wastewater rates and charges to meet the District's revenue requirements for FY 2024 and FY 2025 including: (1) the rates charged for water service as described on Revised Water System Schedule A (Rate Schedule for Water Service); (2) the rates charged for wastewater treatment service as described on Revised Wastewater System Schedule A (Rates for Treatment Service), and (3) the charge imposed to recover the cost of the District's wet weather program as described on Revised Wastewater System Schedule B (Wet Weather Facilities Charge); and

WHEREAS, the April 2015 COS study has been updated to reflect the proposed and projected FY 2024 and FY 2025 expenditures, revenues and water sales, and has been incorporated and reflected in the Biennial Report, and in the recommended revisions to the water system's rates and charges for FY 2024 and FY 2025; and

WHEREAS, the May 2019 COS study's recommended adjustments have been incorporated and reflected in the Biennial Report, and in the recommended revisions to the wastewater system's rates and charges for FY 2024 and FY 2025; and

WHEREAS, the rate structure for the water service charges has five customer classes: (1) Single-Family Residential, (2) Multi-Family Residential, (3) All Other (including commercial and other non-residential), (4) Nonpotable/Recycled, and (5) Private Fire Service; and has five components: (1) Water Flow Charge, (2) Water Service Charge, (3) Elevation Surcharge, (4) Private Fire Service Charge, and (5) Drought Surcharge applicable when a Stage 2, Stage 3, or Stage 4 Drought has been declared by the Board of Directors; and

WHEREAS, the District maintains a staged system of Drought Surcharges which may be imposed on each unit of water delivered during a Stage 2 Drought or greater to mitigate revenue reductions associated with the drought and recover additional costs expected to be incurred to provide water service during the drought, including, without limitation, costs related to supplemental water supplies, additional customer service resources and outreach efforts, and losses of revenue resulting from reduced water sales; and

WHEREAS, the Biennial Report recommended that the District continue to maintain its existing Drought Surcharges for potential future implementation in the event of a Stage 2 or greater drought declaration during FY 2024 and FY 2025; and

WHEREAS, prior to implementing any Drought Surcharge in FY 2024 or FY 2025, the District will prepare a drought budget which indicates the projected fiscal impact of the drought and update the COS study to incorporate available information regarding drought fiscal impacts, and any Drought Surcharge that is imposed will be consistent with the existing staged system, the drought budget, and the updated COS study, and will not exceed the maximum percentages described in Schedule L (Drought Surcharge Rate Schedule for Water Service); and

WHEREAS, as evidenced by the COS studies and Biennial Report, the water rates and charges are structured to proportionately allocate and recover the costs of providing water service among the various customer classes; and

WHEREAS, the wastewater rates and charges have three customer classes: (1) Single-Family Residential; (2) Multi-Family Residential; and (3) Non-Residential which is further classified based on the type of business operated; and

WHEREAS, the rates for the wastewater service fees have five components, the first four of which are historically collected on the water bill: (1) Treatment Service Charge, (2) Treatment Strength Charge, (3) Treatment Flow Charge, (4) San Francisco Bay Pollution Prevention Fee, and (5) Wet Weather Facilities Charge; and

WHEREAS, because the Wet Weather Facilities Charge (WWFC) is a fixed charge that is based on the size of a given parcel and is unrelated to water or wastewater usage at the property, the District historically collects the WWFC on the property tax rolls of Alameda and Contra Costa Counties, pursuant to its authority under California Health and Safety Code (H&SC) section 5471, et seq., for all parcels that have connections to the local wastewater collection systems within the District's wastewater service area; and

WHEREAS, H&SC section 5473 requires approval by two-thirds of the members of the Board of Directors (i.e., by at least five (5) Board members) for the WWFC to be collected on the property tax roll; and

WHEREAS, for entities that are exempt from property taxes, the WWFC is collected through the District's billing process; and

WHEREAS, revenues from the WWFC will be used for purposes authorized by H&SC section 5471(c), including to fund capital expenses for District facilities required to handle peak wet weather flows that are in excess of normal discharges from wastewater customers; and

WHEREAS, together, as evidenced by the COS studies and Biennial Report, the wastewater rates and charges are structured to proportionately allocate and recover the costs of providing wastewater service among the various customer classes; and

WHEREAS, as evidenced by the COS studies and Biennial Report, the revenues derived from the water and wastewater rates and charges will not exceed the funds required to provide water and wastewater services and shall be used exclusively for the water and wastewater systems, respectively; and

WHEREAS, the water and wastewater rates and charges will not exceed the proportional cost of the services attributable to each parcel upon which they are imposed; and

WHEREAS, the water and wastewater rates and charges will not be imposed on a parcel unless the water and wastewater services are actually used by, or immediately available to, the owner of the parcel; and

WHEREAS, Proposition 218 and its implementing statute require that, prior to imposing any increase to the water and wastewater service rates and charges subject to Proposition 218, the District shall provide written notice (Notice) by mail of: (1) the proposed increases to such rates and charges to the record owner of each parcel upon which the rates and charges are proposed for imposition and any tenant directly liable for payment of the rates and charges; (2) the amount of the rates and charges proposed to be imposed on each parcel; (3) the basis upon which the rates and charges were calculated; (4) the reason for the rates and charges; and (5) the date, time, and location of a public hearing (Hearing) on the proposed rates and charges; and

WHEREAS, pursuant to Proposition 218 such Notice is required to be provided to the affected record owners and any tenant directly liable for the payment of the rates and charges not less than forty-five days (45) prior to the Hearing on the proposed rates and charges; and

WHEREAS, the District did provide such Notice to the affected record owners and tenants of the proposed water and wastewater rates and charges in compliance with Proposition 218; and

WHEREAS, public workshops were conducted on January 24, 2023 and March 28, 2023, and the required Hearing, noticed in the manner and for the time required by law, was conducted by the Board of Directors on June 13, 2023, at which times all interested persons were afforded an opportunity to be heard on matters pertaining to revision of the water and wastewater rates and charges; and

WHEREAS, at the Hearing the Board of Directors heard all oral testimony, and considered all written materials and written protests concerning the establishment and imposition of the proposed rate increases for the rates and charges for water and wastewater services, and at the close of the Hearing the District did not receive written protests against the establishment and imposition of the proposed rates and charges for the water and wastewater services from record owners or tenants directly liable for the payment of the water or wastewater rates and charges with respect to a majority of the parcels upon which the rates and charges are proposed for imposition; and

WHEREAS, all comments, objections, and protests to the Biennial Report have been given full opportunity to be heard by the Board of Directors, and the Board of Directors has fully considered the Biennial Report; and

WHEREAS, the changes to the rates and charges as described above and as further set forth in this Resolution are subject to, and have been adopted in compliance with, Chapter 11.5 of the Municipal Utility District Act (Public Utilities Code section 14401, et seq.); and

WHEREAS, the Board of Directors now desires to adopt and impose the proposed water and wastewater rates and charges; and

WHEREAS, the District, as the lead agency under the California Environmental Quality Act (CEQA), in consultation with the District's legal counsel, has determined that adoption of the rates and charges set forth in this Resolution is exempt from CEQA review under Public Resources Code section 21080(b)(8) and CEQA Guidelines section 15273 because the water and wastewater rates and charges are necessary and reasonable to fund the administration, operation, maintenance, and improvements of the water and wastewater systems and will not result in the expansion of the water and wastewater systems. This exemption determination is supported by the COS study, Biennial Report, and the foregoing Recitals. Further, the District has determined that the adoption of the rates and charges set forth in this Resolution is also exempt from the requirements of CEQA as an action with no possibility of causing a significant effect on the environment;

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors hereby finds and determines the following:

1. The foregoing Recitals are true and correct, and by this reference are incorporated herein and made a part hereof.

2. Pursuant to California Constitution article X, section 2, which provides that because of the conditions prevailing in this State, the general welfare requires that the water resources of the State be put to beneficial use to the fullest extent of which they are capable, and that the waste or unreasonable use or unreasonable method of use of water be prevented, and that the conservation of such waters is to be exercised with a view to the reasonable and beneficial use thereof in the interest of the people and for the public welfare, the use of water in excess of year-round indoor water consumption is primarily for uses outside the home, and such uses are more discretionary in character than indoor uses.
3. A tiered water rate structure proportionately allocates the costs of providing water service to those who place the greatest demands on the District's water system and water supplies, and indirectly provides a conservation incentive to most users throughout the year to efficiently and reasonably use, and not waste, water.
4. The rates and charges for water service promote maximum beneficial use of the limited water resources available to the District to meet current and future demands consistent with state and federal policy and water conservation best management practices. The Board of Directors also finds and determines that these rate structures are reasonably calculated to proportionately recover normal District costs and to achieve overall revenue neutrality for the entire rate structure.
5. The District's water system and wastewater system COS studies, completed in April 2015 and May 2019, respectively, and each updated in 2023 to reflect current costs, support the COS to each customer class based on their respective demand characteristics, while being revenue neutral, and making no geographical differentiation except with respect to the Elevation Surcharge, based on the elevation of the property receiving service, as described in the following Section 6.
6. The rates for the water Elevation Surcharge adopted herein are imposed to recover the costs to the District of pumping and delivering water to higher elevations from those customers who receive service at higher elevations.
7. The rates and charges for water service are reasonable and appropriate, proportionately allocate the cost of providing water service, and will meet the Board of Directors' goal of overall revenue neutrality.

BE IT FURTHER RESOLVED:

8. The WWFC funds the capital expenses of the District's infiltration and inflow (I&I) facilities that are required to handle wet weather flows that enter the wastewater system, including wet weather facilities, interceptors, pumping stations and storage basins. The volume of wet weather flows that enter the wastewater system from each property is proportional to the size of the collection system to serve each property, and accordingly, the WWFC is based on lot size to reflect the potential amount of I&I entering into the wastewater system from a given lot. Three categories of lot size are used to calculate the WWFC: 0-5,000 square feet (sq. ft.); 5,001-10,000 sq. ft.; greater than 10,000 sq. ft.

9. The rates and charges for wastewater service are reasonable and appropriate, proportionately allocate the cost of providing wastewater service, and will meet the Board of Directors' goal of overall revenue neutrality.

BE IT FURTHER RESOLVED:

10. At the close of the Hearing held on June 13, 2023, the District had not received written protests against the establishment and imposition of the proposed rates and charges for the water and wastewater services from record owners or tenants directly liable for the payment of the water or wastewater rates and charges with respect to a majority of parcels upon which the rates and charges are proposed for imposition.
11. The Board of Directors finds and determines that the water system rates and charges and wastewater system rates and charges recommended in the Biennial Report are designed to recover the estimated cost of providing the services for which the rates are charged.

BE IT FURTHER RESOLVED:

12. All objections and protests to the Biennial Report are hereby overruled and denied and the Biennial Report is hereby accepted and approved.
13. The revised Schedule A of the Water System Schedule of Rates, Charges, and Fees for Customers of the District beginning FY 2024 contained in Chapter 5(a) of the Biennial Report is attached hereto as Exhibit A, and is hereby adopted, and the rates and charges and provisions therein contained are hereby fixed and established to be effective July 1, 2023; provided, however, that the revised water system rates and charges set forth in said Schedule A shall take effect with billing cycles commencing on or after July 1, 2023 for services rendered on or after July 1, 2023, and will be prorated if a portion of the bill is for services rendered prior to July 1, 2023.
14. The revised Schedule A of the Water System Schedule of Rates, Charges, and Fees for Customers of the District beginning FY 2025 contained in Chapter 5(b) of the Biennial Report is attached hereto as Exhibit A, and is hereby adopted, and the rates and charges and provisions therein contained are hereby fixed and established to be effective July 1, 2024 and shall continue in effect unless and until modified by subsequent action of the Board of Directors; provided, however, that the revised water system service charges and consumption charges set forth in said Schedule A shall take effect with billing cycles commencing on or after July 1, 2024 for services rendered on or after July 1, 2024, and will be prorated if a portion of the bill is for services rendered prior to July 1, 2024.
15. The existing Schedule L of the Water System Schedule of Rates, Charges, and Fees for Customers of the District is attached hereto as Exhibit A, is not modified by this Resolution and therefore the rates and charges and provisions therein contained shall continue in full force and effect during FY 2024 and FY 2025 and thereafter, and the Drought Surcharges described therein shall remain available to be implemented in the event of a Stage 2 or greater drought, provided that, prior to implementing any Drought Surcharge, the District will prepare a drought budget which indicates the projected fiscal impact of the drought and update the COS study to incorporate available information

regarding drought fiscal impacts, and any such Drought Surcharge that is imposed will be consistent with the existing staged system, the drought budget, and the updated COS study, and Schedule L and will not exceed the maximum percentages described therein.

16. The revised Schedules A and B of the Wastewater System Schedule of Rates, Charges, and Fees for Customers of the District beginning FY 2024 contained in Chapter 5(a) of the Biennial Report are attached hereto as Exhibit B, and are hereby adopted, and the rates and charges and provisions therein contained are hereby fixed and established to be effective July 1, 2023 for services rendered on or after July 1, 2023; provided, however, that the revised wastewater system rates and charges set forth in said Schedule A shall take effect with billing cycles commencing on or after July 1, 2023, and will be prorated if a portion of the bill is for services rendered prior to July 1, 2023.
17. The revised Schedules A and B of the Wastewater System Schedule of Rates, Charges, and Fees for Customers of the District beginning FY 2025 contained in Chapter 5(b) of the Biennial Report are attached hereto as Exhibit B, and are hereby adopted, and the rates and charges and provisions therein contained are hereby fixed and established to be effective July 1, 2024 for services rendered on or after July 1, 2024 and shall continue in effect unless and until modified by subsequent action of the Board of Directors; provided, however, that the revised wastewater system rates and charges set forth in said Schedule A shall take effect with billing cycles commencing on or after July 1, 2024, and will be prorated if a portion of the bill is for services rendered prior to July 1, 2024.
18. As set forth more fully above and as evidenced by the COS studies and Biennial Report, the aforesaid actions constitute modification and approval of rates and other charges for the purpose of meeting operating expenses, including employee wage rates and fringe benefits; purchasing or leasing supplies, equipment, or material; meeting financial reserve needs and requirements; or obtaining funds for capital projects necessary to maintain service in the existing service area; and the Board of Directors therefore confirms the District's determination that its aforesaid actions are exempt from the requirements of CEQA. The Board of Directors further confirms the District's determination that these actions are exempt from the requirements of CEQA because there is no possibility that adoption of the rates and charges set forth herein will have a significant effect on the environment. Therefore, the Board of Directors hereby directs the Secretary of the District to file a Notice of Exemption in accordance with applicable statutes and regulations with the County Clerks of Alameda and Contra Costa Counties.

BE IT FURTHER RESOLVED:

19. The appropriate officers of the District are hereby authorized and directed to take such actions as shall be necessary to impose, enforce and collect the rates and charges.
20. The Board of Directors hereby declares that it would have adopted each section irrespective of the fact that any one or more subsections, subdivisions, sentences, clauses, or phrases be declared unconstitutional, invalid, or ineffective, and should any portion of this Resolution be invalidated by order of a court of competent jurisdiction, all other

portions of this Resolution shall remain in full force and effect until modified or superseded by action of this Board of Directors.

- 21. This Resolution shall supersede any and all other previous District resolutions and ordinances that conflict with, or are contrary to, this Resolution.

ADOPTED this 13th day of June, 2023 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

ATTEST:

President

Secretary

APPROVED AS TO FORM AND PROCEDURE:

General Counsel

{00085507}

**Water System Schedules of Rates and Charges, and Fees Subject to
Proposition 218**

FY 2024 & FY 2025

Schedule A – Rate Schedule for Water

Schedule L – Drought Surcharge

Schedule A

Rate Schedule for Water Service

FY 2024



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23~~2~~

A. ONE MONTH BILLING

Bills for all metered services shall consist of:

FIRST – A WATER SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT	
5/8 and 3/4 inch	\$30.14	<u>\$32.70</u>
1 inch	45.53	<u>49.40</u>
1-1/2 inch	84.02	<u>91.16</u>
2 inch	130.17	<u>141.23</u>
3 inch	253.30	<u>274.83</u>
4 inch	391.81	<u>425.11</u>
6 inch	776.48	<u>842.48</u>
8 inch	1,238.15	<u>1,343.39</u>
10 inch	1,776.73	<u>1,927.75</u>
12 inch	2,469.24	<u>2,679.13</u>
14 inch	3,161.69	<u>3,430.43</u>
16 inch	4,008.07	<u>4,348.76</u>
18 inch	4,854.42	<u>5,267.05</u>

The service charge for a special type of meter or for a battery of meters installed on one service in lieu of one meter will be based on the size of a single standard meter of equivalent capacity as determined by the District.

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23~~2~~

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on one month meter readings for all water delivered per unit of water (1 unit = 100 cu. ft. = 748 gallons):

<u>Potable Water Service</u>	WATER FLOW CHARGE PER UNIT	
Single Family Residential Accounts:		
For the first 172 gpd	\$4.60	<u>\$4.99</u>
For all water used in excess of 172 gpd, up to 393 gpd	6.32	<u>6.86</u>
For all water used in excess of 393 gpd	8.35	<u>9.06</u>
Multiple Family Residential Accounts:		
For all water used	6.50	<u>7.05</u>
All Other Water Use:		
For all water used	6.47	<u>7.02</u>

All individually metered multi-family dwelling units or individually metered mobile home residential units that receive District service shall be billed at the single-family residential rate.

<u>Nonpotable/Recycled Water Service</u>	WATER FLOW CHARGE PER UNIT	
For all water used	\$5.04	<u>\$5.47</u>



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23~~2~~

B. TWO MONTH BILLING

Bills for all metered services shall consist of:

FIRST – A WATER SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT	
5/8 and 3/4 inch	\$60.28	<u>\$65.40</u>
1 inch	91.06	<u>98.80</u>
1-1/2 inch	168.04	<u>182.32</u>
2 inch	260.34	<u>282.46</u>
3 inch	506.60	<u>549.66</u>
4 inch	783.62	<u>850.22</u>
6 inch	1,552.96	<u>1,684.96</u>
8 inch	2,476.30	<u>2,686.78</u>
10 inch	3,553.46	<u>3,855.50</u>
12 inch	4,938.48	<u>5,358.26</u>
14 inch	6,323.38	<u>6,860.86</u>
16 inch	8,016.14	<u>8,697.52</u>
18 inch	9,708.84	<u>10,534.10</u>

The water service charge for a special type of meter or for a battery of meters installed on one service in lieu of one meter will be based on the size of a single standard meter of equivalent capacity as determined by the District.

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23~~2~~

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on two month meter readings for all water delivered per 1 unit of water (1 unit = 100 cu. ft. = 748 gallons):

<u>Potable Water Service</u>	WATER FLOW CHARGE PER UNIT	
Single Family Residential Accounts:		
For the first 172 gpd	\$4.60	<u>\$4.99</u>
For all water used in excess of 172 gpd, up to 393 gpd	6.32	<u>6.86</u>
For all water used in excess of 393 gpd	8.35	<u>9.06</u>
Multiple Family Residential Accounts:		
For all water used	6.50	<u>7.05</u>
All Other Water Use:		
For all water used	6.47	<u>7.02</u>

All individually metered multi-family dwelling units or individually metered mobile home residential units that receive District service shall be billed at the single-family residential rate.

<u>Nonpotable/Recycled Water Service</u>	WATER FLOW CHARGE PER UNIT	
For all water used	\$5.04	<u>\$5.47</u>

C. EXCEPTIONS TO TWO MONTH BILLING

Except as provided below, customer accounts shall be subject to bi-monthly meter reading and customer billing schedules

- Accounts for which the average monthly bill is estimated to exceed \$1,500; such accounts will be billed monthly.
- Accounts for which there are reasonable and justifiable customer requests for monthly billing.
- Accounts for which the average monthly bill is estimated to be between \$100 and \$1,500, and the customer service manager recommends monthly billing based on an evaluation of credit and/or collection problems.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23~~2~~

D. PRIVATE FIRE SERVICES

~~Effective July 1, 2005,~~ The rates for Private Fire Services shall consist of:

FIRST – A MONTHLY SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT	
5/8 and 3/4 inch	\$16.04	<u>\$17.40</u>
1 inch	22.05	<u>23.92</u>
1-1/2 inch	36.96	<u>40.10</u>
2 inch	54.87	<u>59.53</u>
3 inch	102.71	<u>111.44</u>
4 inch	156.48	<u>169.78</u>
6 inch	305.87	<u>331.87</u>
8 inch	485.15	<u>526.39</u>
10 inch	694.28	<u>753.29</u>
12 inch	963.16	<u>1,045.03</u>
14 inch	1,232.09	<u>1,336.82</u>
16 inch	1,560.77	<u>1,693.44</u>
18 inch	1,889.44	<u>2,050.04</u>

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on two-month meter readings for all water delivered per unit:

There shall be no charge for water through such services extinguishing accidental fires, but any water lost through leakage or used in violation of the District’s Regulations shall be paid at the rate for general use and may be subject to a penalty as may be established by the District.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23~~2~~

E. ELEVATION SURCHARGE

Elevation Designator	AMOUNT PER UNIT	
Pressure Zone 1: Elevation Designator 0 and 1	\$0.00	\$0.00
Pressure Zone 2: Elevation Designator 2 through 5	0.93	<u>1.01</u>
Pressure Zone 3: Elevation Designator 6 and greater	1.93	<u>2.09</u>

The elevation surcharge is determined by the pressure zone in which the service connection is located. Pressure zones are identified by designations that include an elevation designator.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23

A. ONE MONTH BILLING

Bills for all metered services shall consist of:

FIRST – A WATER SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT
5/8 and 3/4 inch	\$32.70
1 inch	49.40
1-1/2 inch	91.16
2 inch	141.23
3 inch	274.83
4 inch	425.11
6 inch	842.48
8 inch	1,343.39
10 inch	1,927.75
12 inch	2,679.13
14 inch	3,430.43
16 inch	4,348.76
18 inch	5,267.05

The service charge for a special type of meter or for a battery of meters installed on one service in lieu of one meter will be based on the size of a single standard meter of equivalent capacity as determined by the District.

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on one month meter readings for all water delivered per unit of water (1 unit = 100 cu. ft. = 748 gallons):

<u>Potable Water Service</u>	WATER FLOW CHARGE PER UNIT
Single Family Residential Accounts:	
For the first 172 gpd	\$4.99
For all water used in excess of 172 gpd, up to 393 gpd	6.86
For all water used in excess of 393 gpd	9.06
Multiple Family Residential Accounts:	
For all water used	7.05
All Other Water Use:	
For all water used	7.02

All individually metered multi-family dwelling units or individually metered mobile home residential units that receive District service shall be billed at the single-family residential rate.

<u>Nonpotable/Recycled Water Service</u>	WATER FLOW CHARGE PER UNIT
For all water used	\$5.47



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23

B. TWO MONTH BILLING

Bills for all metered services shall consist of:

FIRST – A WATER SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT
5/8 and 3/4 inch	\$65.40
1 inch	98.80
1-1/2 inch	182.32
2 inch	282.46
3 inch	549.66
4 inch	850.22
6 inch	1,684.96
8 inch	2,686.78
10 inch	3,855.50
12 inch	5,358.26
14 inch	6,860.86
16 inch	8,697.52
18 inch	10,534.10

The water service charge for a special type of meter or for a battery of meters installed on one service in lieu of one meter will be based on the size of a single standard meter of equivalent capacity as determined by the District.

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on two month meter readings for all water delivered per 1 unit of water (1 unit = 100 cu. ft. = 748 gallons):

<u>Potable Water Service</u>	WATER FLOW CHARGE PER UNIT
Single Family Residential Accounts:	
For the first 172 gpd	\$4.99
For all water used in excess of 172 gpd, up to 393 gpd	6.86
For all water used in excess of 393 gpd	9.06
Multiple Family Residential Accounts:	
For all water used	7.05
All Other Water Use:	
For all water used	7.02

All individually metered multi-family dwelling units or individually metered mobile home residential units that receive District service shall be billed at the single-family residential rate.

<u>Nonpotable/Recycled Water Service</u>	WATER FLOW CHARGE PER UNIT
For all water used	\$5.47

C. EXCEPTIONS TO TWO MONTH BILLING

Except as provided below, customer accounts shall be subject to bi-monthly meter reading and customer billing schedules

- Accounts for which the average monthly bill is estimated to exceed \$1,500; such accounts will be billed monthly.
- Accounts for which there are reasonable and justifiable customer requests for monthly billing.
- Accounts for which the average monthly bill is estimated to be between \$100 and \$1,500, and the customer service manager recommends monthly billing based on an evaluation of credit and/or collection problems.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23

D. PRIVATE FIRE SERVICES

The rates for Private Fire Services shall consist of:

FIRST – A MONTHLY SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT
5/8 and 3/4 inch	\$17.40
1 inch	23.92
1-1/2 inch	40.10
2 inch	59.53
3 inch	111.44
4 inch	169.78
6 inch	331.87
8 inch	526.39
10 inch	753.29
12 inch	1,045.03
14 inch	1,336.82
16 inch	1,693.44
18 inch	2,050.04

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on two-month meter readings for all water delivered per unit:

There shall be no charge for water through such services extinguishing accidental fires, but any water lost through leakage or used in violation of the District's Regulations shall be paid at the rate for general use and may be subject to a penalty as may be established by the District.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/23

E. ELEVATION SURCHARGE

Elevation Designator	AMOUNT PER UNIT
Pressure Zone 1: Elevation Designator 0 and 1	\$0.00
Pressure Zone 2: Elevation Designator 2 through 5	1.01
Pressure Zone 3: Elevation Designator 6 and greater	2.09

The elevation surcharge is determined by the pressure zone in which the service connection is located. Pressure zones are identified by designations that include an elevation designator.

Schedule A

Rate Schedule for Water Service

FY 2025



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24~~3~~

A. ONE MONTH BILLING

Bills for all metered services shall consist of:

FIRST – A WATER SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT	
5/8 and 3/4 inch	\$32.70	<u>\$35.48</u>
1 inch	49.40	<u>53.60</u>
1-1/2 inch	91.16	<u>98.91</u>
2 inch	141.23	<u>153.23</u>
3 inch	274.83	<u>298.19</u>
4 inch	425.11	<u>461.24</u>
6 inch	842.48	<u>914.09</u>
8 inch	1,343.39	<u>1,457.58</u>
10 inch	1,927.75	<u>2,091.61</u>
12 inch	2,679.13	<u>2,906.86</u>
14 inch	3,430.43	<u>3,722.02</u>
16 inch	4,348.76	<u>4,718.40</u>
18 inch	5,267.05	<u>5,714.75</u>

The service charge for a special type of meter or for a battery of meters installed on one service in lieu of one meter will be based on the size of a single standard meter of equivalent capacity as determined by the District.

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24~~3~~

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on one month meter readings for all water delivered per unit of water (1 unit = 100 cu. ft. = 748 gallons):

<u>Potable Water Service</u>	WATER FLOW CHARGE PER UNIT	
Single Family Residential Accounts:		
For the first 172 gpd	\$4.99	<u>\$5.41</u>
For all water used in excess of 172 gpd, up to 393 gpd	6.86	<u>7.44</u>
For all water used in excess of 393 gpd	9.06	<u>9.83</u>
Multiple Family Residential Accounts:		
For all water used	7.05	<u>7.65</u>
All Other Water Use:		
For all water used	7.02	<u>7.62</u>

All individually metered multi-family dwelling units or individually metered mobile home residential units that receive District service shall be billed at the single-family residential rate.

<u>Nonpotable/Recycled Water Service</u>	WATER FLOW CHARGE PER UNIT	
For all water used	\$5.47	<u>\$5.93</u>



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24~~3~~

B. TWO MONTH BILLING

Bills for all metered services shall consist of:

FIRST – A WATER SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT	
5/8 and 3/4 inch	\$65.40	<u>\$70.96</u>
1 inch	98.80	<u>107.20</u>
1-1/2 inch	182.32	<u>197.82</u>
2 inch	282.46	<u>306.46</u>
3 inch	549.66	<u>596.38</u>
4 inch	850.22	<u>922.48</u>
6 inch	1,684.96	<u>1,828.18</u>
8 inch	2,686.78	<u>2,915.16</u>
10 inch	3,855.50	<u>4,183.22</u>
12 inch	5,358.26	<u>5,813.72</u>
14 inch	6,860.86	<u>7,444.04</u>
16 inch	8,697.52	<u>9,436.80</u>
18 inch	10,534.10	<u>11,429.50</u>

The water service charge for a special type of meter or for a battery of meters installed on one service in lieu of one meter will be based on the size of a single standard meter of equivalent capacity as determined by the District.

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24~~3~~

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on two month meter readings for all water delivered per 1 unit of water (1 unit = 100 cu. ft. = 748 gallons):

<u>Potable Water Service</u>	WATER FLOW CHARGE PER UNIT	
Single Family Residential Accounts:		
For the first 172 gpd	\$4.99	<u>\$5.41</u>
For all water used in excess of 172 gpd, up to 393 gpd	6.86	<u>7.44</u>
For all water used in excess of 393 gpd	9.06	<u>9.83</u>
Multiple Family Residential Accounts:		
For all water used	7.05	<u>7.65</u>
All Other Water Use:		
For all water used	7.02	<u>7.62</u>

All individually metered multi-family dwelling units or individually metered mobile home residential units that receive District service shall be billed at the single-family residential rate.

<u>Nonpotable/Recycled Water Service</u>	WATER FLOW CHARGE PER UNIT	
For all water used	\$5.47	<u>\$5.93</u>

C. EXCEPTIONS TO TWO MONTH BILLING

Except as provided below, customer accounts shall be subject to bi-monthly meter reading and customer billing schedules

- Accounts for which the average monthly bill is estimated to exceed \$1,500; such accounts will be billed monthly.
- Accounts for which there are reasonable and justifiable customer requests for monthly billing.
- Accounts for which the average monthly bill is estimated to be between \$100 and \$1,500, and the customer service manager recommends monthly billing based on an evaluation of credit and/or collection problems.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24~~3~~

D. PRIVATE FIRE SERVICES

The rates for Private Fire Services shall consist of:

FIRST – A MONTHLY SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT	
5/8 and 3/4 inch	\$17.40	<u>\$18.88</u>
1 inch	23.92	<u>25.95</u>
1-1/2 inch	40.10	<u>43.51</u>
2 inch	59.53	<u>64.59</u>
3 inch	111.44	<u>120.91</u>
4 inch	169.78	<u>184.21</u>
6 inch	331.87	<u>360.08</u>
8 inch	526.39	<u>571.13</u>
10 inch	753.29	<u>817.32</u>
12 inch	1,045.03	<u>1,133.86</u>
14 inch	1,336.82	<u>1,450.45</u>
16 inch	1,693.44	<u>1,837.38</u>
18 inch	2,050.04	<u>2,224.29</u>

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on two-month meter readings for all water delivered per unit:

There shall be no charge for water through such services extinguishing accidental fires, but any water lost through leakage or used in violation of the District’s Regulations shall be paid at the rate for general use and may be subject to a penalty as may be established by the District.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24~~3~~

E. ELEVATION SURCHARGE

Elevation Designator	AMOUNT PER UNIT	
Pressure Zone 1: Elevation Designator 0 and 1	\$0.00	\$0.00
Pressure Zone 2: Elevation Designator 2 through 5	1.04	<u>1.10</u>
Pressure Zone 3: Elevation Designator 6 and greater	2.09	<u>2.27</u>

The elevation surcharge is determined by the pressure zone in which the service connection is located. Pressure zones are identified by designations that include an elevation designator.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24

A. ONE MONTH BILLING

Bills for all metered services shall consist of:

FIRST – A WATER SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT
5/8 and 3/4 inch	\$35.48
1 inch	53.60
1-1/2 inch	98.91
2 inch	153.23
3 inch	298.19
4 inch	461.24
6 inch	914.09
8 inch	1,457.58
10 inch	2,091.61
12 inch	2,906.86
14 inch	3,722.02
16 inch	4,718.40
18 inch	5,714.75

The service charge for a special type of meter or for a battery of meters installed on one service in lieu of one meter will be based on the size of a single standard meter of equivalent capacity as determined by the District.

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on one month meter readings for all water delivered per unit of water (1 unit = 100 cu. ft. = 748 gallons):

<u>Potable Water Service</u>	WATER FLOW CHARGE PER UNIT
Single Family Residential Accounts:	
For the first 172 gpd	\$5.41
For all water used in excess of 172 gpd, up to 393 gpd	7.44
For all water used in excess of 393 gpd	9.83
Multiple Family Residential Accounts:	
For all water used	7.65
All Other Water Use:	
For all water used	7.62

All individually metered multi-family dwelling units or individually metered mobile home residential units that receive District service shall be billed at the single-family residential rate.

<u>Nonpotable/Recycled Water Service</u>	WATER FLOW CHARGE PER UNIT
For all water used	\$5.93



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24

B. TWO MONTH BILLING

Bills for all metered services shall consist of:

FIRST – A WATER SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT
5/8 and 3/4 inch	\$70.96
1 inch	107.20
1-1/2 inch	197.82
2 inch	306.46
3 inch	596.38
4 inch	922.48
6 inch	1,828.18
8 inch	2,915.16
10 inch	4,183.22
12 inch	5,813.72
14 inch	7,444.04
16 inch	9,436.80
18 inch	11,429.50

The water service charge for a special type of meter or for a battery of meters installed on one service in lieu of one meter will be based on the size of a single standard meter of equivalent capacity as determined by the District.

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on two month meter readings for all water delivered per 1 unit of water (1 unit = 100 cu. ft. = 748 gallons):

<u>Potable Water Service</u>	WATER FLOW CHARGE PER UNIT
Single Family Residential Accounts:	
For the first 172 gpd	\$5.41
For all water used in excess of 172 gpd, up to 393 gpd	7.44
For all water used in excess of 393 gpd	9.83
Multiple Family Residential Accounts:	
For all water used	7.65
All Other Water Use:	
For all water used	7.62

All individually metered multi-family dwelling units or individually metered mobile home residential units that receive District service shall be billed at the single-family residential rate.

<u>Nonpotable/Recycled Water Service</u>	WATER FLOW CHARGE PER UNIT
For all water used	\$5.93

C. EXCEPTIONS TO TWO MONTH BILLING

Except as provided below, customer accounts shall be subject to bi-monthly meter reading and customer billing schedules

- Accounts for which the average monthly bill is estimated to exceed \$1,500; such accounts will be billed monthly.
- Accounts for which there are reasonable and justifiable customer requests for monthly billing.
- Accounts for which the average monthly bill is estimated to be between \$100 and \$1,500, and the customer service manager recommends monthly billing based on an evaluation of credit and/or collection problems.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24

D. PRIVATE FIRE SERVICES

The rates for Private Fire Services shall consist of:

FIRST – A MONTHLY SERVICE CHARGE based on the size of a standard meter:

METER SIZE	SERVICE CHARGE AMOUNT
5/8 and 3/4 inch	\$18.88
1 inch	25.95
1-1/2 inch	43.51
2 inch	64.59
3 inch	120.91
4 inch	184.21
6 inch	360.08
8 inch	571.13
10 inch	817.32
12 inch	1,133.86
14 inch	1,450.45
16 inch	1,837.38
18 inch	2,224.29

Effective July 1, 1997, when a meter larger than 4 inches is required for a single-family residential customer to maintain adequate water pressure, the maximum service charge amount shall be set at the 4-inch meter level.

SECOND – A WATER FLOW CHARGE FOR WATER DELIVERED based on two-month meter readings for all water delivered per unit:

There shall be no charge for water through such services extinguishing accidental fires, but any water lost through leakage or used in violation of the District's Regulations shall be paid at the rate for general use and may be subject to a penalty as may be established by the District.



SCHEDULE A – RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/01/24

E. ELEVATION SURCHARGE

Elevation Designator	AMOUNT PER UNIT
Pressure Zone 1: Elevation Designator 0 and 1	\$0.00
Pressure Zone 2: Elevation Designator 2 through 5	1.10
Pressure Zone 3: Elevation Designator 6 and greater	2.27

The elevation surcharge is determined by the pressure zone in which the service connection is located. Pressure zones are identified by designations that include an elevation designator.

Schedule L

Drought Surcharge Rate Schedule for Water Service

FY 2024 & FY 2025



SCHEDULE L – DROUGHT SURCHARGE RATE SCHEDULE FOR WATER SERVICE

EFFECTIVE 07/12/17

The rates for the Water Flow Charge shown in Schedule A may be increased up to the following maximum percentages during the specified declared drought stage.

A TEMPORARY SURCHARGE FOR POTABLE WATER DELIVERED based on one month or two months of meter readings for all water delivered as a percentage of the total Water Flow Charge on customer bills:

DROUGHT SURCHARGES ON TOTAL WATER FLOW CHARGE FOR WATER DELIVERED				
	Maximum Applicable Drought Surcharge Percentage ¹ in 4 Stages			
	Stage 1	Stage 2	Stage 3	Stage 4
All potable water flow charges	0%	8%	20%	25%

¹ Drought surcharge percentage increase will be applied to the applicable rate of the customer's potable Water Flow Charge from Schedule A – Rate Schedule for Water Service. Prior to implementing the drought surcharges, the District will update drought related costs and develop surcharges based on the updated cost of service. Any surcharges that are imposed will be consistent with the District's staged system of drought surcharges and will not exceed the drought surcharge percentages listed in this Schedule.

**Wastewater System Schedules of Rates, Charges, and Fees Subject to
Proposition 218**

FY 2024 & FY 2025

Schedule A – Rates for Treatment Service

Schedule B – Wet Weather Facilities Charge

Wastewater Department

Schedule A

Rates for Treatment Service

FY 2024



**SCHEDULE A – WASTEWATER DEPARTMENT
RATES FOR TREATMENT SERVICE**

EFFECTIVE 07/01/23~~2~~

	Current	
I. Unit Treatment Rates (for permit accounts)		
Flow (\$ per unit, 1 unit = 100 cubic feet = 748 gallons)	\$1.425	<u>\$1.546</u>
Chemical Oxygen Demand (\$ per pound of discharge)	0.145	<u>0.157</u>
Total Suspended Solids (\$ per pound of discharge)	0.596	<u>0.647</u>
<p>Unit treatment rates for Flow, Chemical Oxygen Demand (COD), Total Suspended Solids (TSS) and a Service Charge are applied to all users unless otherwise indicated.</p>		
II. Residential Monthly Charges (6514 Multi-Family under 5 dwelling units & 8800 Single-Family)		
A. Service Charge (per account)	7.89	<u>8.56</u>
B. Strength Charge (per dwelling unit)	8.22	<u>8.92</u>
Minimum monthly charge per household	16.11	<u>17.48</u>
C. Plus: A flow charge of \$1. 5543 per unit applied to a maximum of 9 units (per dwelling unit)		
Minimum monthly charge at 0 units	0.00	0.00
Maximum monthly charge at 9 units	12.87	<u>13.95</u>
D. Total Residential Charge (A+B+C above) ¹		
Minimum monthly charge (for 8800)	16.11	<u>17.48</u>
Maximum monthly charge (for 8800)	28.98	<u>31.43</u>
Average monthly charge (for 8800)	24.69	<u>26.78</u>
¹ Does not include SF Bay Residential Pollution Prevention Fee		
III. Non-Residential Charges		
A. Monthly service charge (per account)	7.89	<u>8.56</u>
B. Treatment charge including flow processing (per unit of sewage discharge)		
2010 Meat Products	10.00	<u>10.84</u>
2011 Slaughterhouses	9.55	<u>10.36</u>
2020 Dairy Product Processing	7.84	<u>8.50</u>
2030 Fruit and Vegetable Canning	6.31	<u>6.84</u>
2040 Grain Mills	6.28	<u>6.81</u>



SCHEDULE A – WASTEWATER DEPARTMENT RATES FOR TREATMENT SERVICE

EFFECTIVE 07/01/23~~2~~

	Current	
2050 Bakeries (including Pastries)	\$10.86	<u>\$11.77</u>
2060 Sugar Processing	6.21	<u>6.73</u>
2077 Rendering Tallow	18.83	<u>20.42</u>
2080 Beverage Manufacturing & Bottling	4.71	<u>5.11</u>
2090 Specialty Foods Manufacturing	20.29	<u>21.98</u>
2600 Pulp and Paper Products	5.38	<u>5.84</u>
2810 Inorganic Chemicals Mfgr.	6.92	<u>7.51</u>
2820 Synthetic Material Manufacturing	1.62	<u>1.76</u>
2830 Drug Manufacturing	3.50	<u>3.79</u>
2840 Cleaning and Sanitation Products	7.08	<u>7.67</u>
2850 Paint Manufacturing	13.65	<u>14.79</u>
2893 Ink and Pigment Manufacturing	4.94	<u>5.35</u>
3110 Leather Tanning and Finishing	18.85	<u>20.43</u>
3200 Earthenware Manufacturing	3.82	<u>4.15</u>
3300 Primary Metals Manufacturing	3.03	<u>3.28</u>
3400 Metal Products Fabricating	1.77	<u>1.92</u>
3410 Drum and Barrel Manufacturing	19.20	<u>20.80</u>
3470 Metal Coating	1.92	<u>2.08</u>
4500 Air Transportation	2.53	<u>2.74</u>
4951 Groundwater Remediation	1.48	<u>1.60</u>
5812 Food Service Establishments	6.56	<u>7.11</u>
6513 Apartment Buildings (5 or more dwelling units)	3.19	<u>3.46</u>
7000 Hotels, Motels with Food Service	4.71	<u>5.11</u>
7210 Commercial Laundries	4.24	<u>4.60</u>
7215 Coin Operated Laundromats	3.18	<u>3.45</u>
7218 Industrial Laundries	12.07	<u>13.08</u>
7300 Laboratories	2.28	<u>2.47</u>
7542 Automobile Washing and Polishing	3.02	<u>3.27</u>
8060 Hospitals	2.90	<u>3.14</u>
8200 Schools	2.13	<u>2.31</u>
All Other Business Classification Code (includes dischargers of only segregated domestic wastes from sanitary conveniences)	3.19	<u>3.46</u>



**SCHEDULE A – WASTEWATER DEPARTMENT
RATES FOR TREATMENT SERVICE**

EFFECTIVE 07/01/23~~2~~

Multi-Use Food Service Establishments and Domestic Waste Accounts

Accounts identified by EBMUD where there are one or more food service establishments or bakeries sharing the water meter with establishments or operations with only domestic waste discharges. These accounts are assigned an MU code based on the percentage split of the discharge from the food service establishment operations or bakeries and domestic waste. The unit treatment charge for each MU Code is calculated from the food service establishment or bakeries treatment rate and the domestic waste treatment rate.

MU Code		Current	
A	0-9% Food, 91-100% Domestic	\$3.190	<u>\$3.460</u>
B	10-19% Food, 81-90% Domestic	3.527	<u>3.825</u>
C	20-29% Food, 71-80% Domestic	3.864	<u>4.190</u>
D	30-39% Food, 61-70% Domestic	4.201	<u>4.555</u>
E	40-49% Food, 51-60% Domestic	4.538	<u>4.920</u>
F	50-59% Food, 41-50% Domestic	4.875	<u>5.285</u>
G	60-69% Food, 31-40% Domestic	5.212	<u>5.650</u>
H	70-79% Food, 21-30% Domestic	5.549	<u>6.015</u>
I	80-89% Food, 11-20% Domestic	5.886	<u>6.380</u>
J	90-99% Food, 1-10% Domestic	6.223	<u>6.745</u>
K	0-9% Bakery, 91-100% Domestic	3.190	<u>3.460</u>
L	10-19% Bakery, 81-90% Domestic	3.957	<u>4.291</u>
M	20-29% Bakery, 71-80% Domestic	4.724	<u>5.122</u>
N	30-39% Bakery, 61-70% Domestic	5.491	<u>5.953</u>
O	40-49% Bakery, 51-60% Domestic	6.258	<u>6.784</u>
P	50-59% Bakery, 41-50% Domestic	7.025	<u>7.615</u>
Q	60-69% Bakery, 31-40% Domestic	7.792	<u>8.446</u>
R	70-79% Bakery, 21-30% Domestic	8.559	<u>9.277</u>
S	80-89% Bakery, 11-20% Domestic	9.326	<u>10.108</u>
T	90-99% Bakery, 1-10% Domestic	10.093	<u>10.939</u>
Minimum Monthly Treatment Charge:			
6513	Apartment Buildings (5 or more units)	48.99	<u>53.16</u>
	All Others	7.89	<u>8.56</u>



SCHEDULE A – WASTEWATER DEPARTMENT RATES FOR TREATMENT SERVICE

EFFECTIVE 07/01/23

	Current
I. Unit Treatment Rates (for permit accounts)	
Flow (\$ per unit, 1 unit = 100 cubic feet = 748 gallons)	\$1.546
Chemical Oxygen Demand (\$ per pound of discharge)	0.157
Total Suspended Solids (\$ per pound of discharge)	0.647
 Unit treatment rates for Flow, Chemical Oxygen Demand (COD), Total Suspended Solids (TSS) and a Service Charge are applied to all users unless otherwise indicated.	
II. Residential Monthly Charges (6514 Multi-Family under 5 dwelling units & 8800 Single-Family)	
A. Service Charge (per account)	8.56
B. Strength Charge (per dwelling unit)	8.92
Minimum monthly charge per household	17.48
C. Plus: A flow charge of \$1.55 per unit applied to a maximum of 9 units (per dwelling unit)	
Minimum monthly charge at 0 units	0.00
Maximum monthly charge at 9 units	13.95
D. Total Residential Charge (A+B+C above) ¹	
Minimum monthly charge (for 8800)	17.48
Maximum monthly charge (for 8800)	31.43
Average monthly charge (for 8800)	26.78
¹ Does not include SF Bay Residential Pollution Prevention Fee	
III. Non-Residential Charges	
A. Monthly service charge (per account)	8.56
B. Treatment charge including flow processing (per unit of sewage discharge)	
2010 Meat Products	10.84
2011 Slaughterhouses	10.36
2020 Dairy Product Processing	8.50
2030 Fruit and Vegetable Canning	6.84
2040 Grain Mills	6.81



SCHEDULE A – WASTEWATER DEPARTMENT RATES FOR TREATMENT SERVICE

EFFECTIVE 07/01/23

	Current
2050 Bakeries (including Pastries)	\$11.77
2060 Sugar Processing	6.73
2077 Rendering Tallow	20.42
2080 Beverage Manufacturing & Bottling	5.11
2090 Specialty Foods Manufacturing	21.98
2600 Pulp and Paper Products	5.84
2810 Inorganic Chemicals Mfgr.	7.51
2820 Synthetic Material Manufacturing	1.76
2830 Drug Manufacturing	3.79
2840 Cleaning and Sanitation Products	7.67
2850 Paint Manufacturing	14.79
2893 Ink and Pigment Manufacturing	5.35
3110 Leather Tanning and Finishing	20.43
3200 Earthenware Manufacturing	4.15
3300 Primary Metals Manufacturing	3.28
3400 Metal Products Fabricating	1.92
3410 Drum and Barrel Manufacturing	20.80
3470 Metal Coating	2.08
4500 Air Transportation	2.74
4951 Groundwater Remediation	1.60
5812 Food Service Establishments	7.11
6513 Apartment Buildings (5 or more dwelling units)	3.46
7000 Hotels, Motels with Food Service	5.11
7210 Commercial Laundries	4.60
7215 Coin Operated Laundromats	3.45
7218 Industrial Laundries	13.08
7300 Laboratories	2.47
7542 Automobile Washing and Polishing	3.27
8060 Hospitals	3.14
8200 Schools	2.31
All Other Business Classification Code (includes dischargers of only segregated domestic wastes from sanitary conveniences)	3.46



SCHEDULE A – WASTEWATER DEPARTMENT RATES FOR TREATMENT SERVICE

EFFECTIVE 07/01/23

Multi-Use Food Service Establishments and Domestic Waste Accounts

Accounts identified by EBMUD where there are one or more food service establishments or bakeries sharing the water meter with establishments or operations with only domestic waste discharges. These accounts are assigned an MU code based on the percentage split of the discharge from the food service establishment operations or bakeries and domestic waste. The unit treatment charge for each MU Code is calculated from the food service establishment or bakeries treatment rate and the domestic waste treatment rate.

MU Code		Current
A	0-9% Food, 91-100% Domestic	\$3.460
B	10-19% Food, 81-90% Domestic	3.825
C	20-29% Food, 71-80% Domestic	4.190
D	30-39% Food, 61-70% Domestic	4.555
E	40-49% Food, 51-60% Domestic	4.920
F	50-59% Food, 41-50% Domestic	5.285
G	60-69% Food, 31-40% Domestic	5.650
H	70-79% Food, 21-30% Domestic	6.015
I	80-89% Food, 11-20% Domestic	6.380
J	90-99% Food, 1-10% Domestic	6.745
K	0-9% Bakery, 91-100% Domestic	3.460
L	10-19% Bakery, 81-90% Domestic	4.291
M	20-29% Bakery, 71-80% Domestic	5.122
N	30-39% Bakery, 61-70% Domestic	5.953
O	40-49% Bakery, 51-60% Domestic	6.784
P	50-59% Bakery, 41-50% Domestic	7.615
Q	60-69% Bakery, 31-40% Domestic	8.446
R	70-79% Bakery, 21-30% Domestic	9.277
S	80-89% Bakery, 11-20% Domestic	10.108
T	90-99% Bakery, 1-10% Domestic	10.939
Minimum Monthly Treatment Charge:		
6513	Apartment Buildings (5 or more units)	53.16
	All Others	8.56

Wastewater Department

Schedule A

Rates for Treatment Service

FY 2025



**SCHEDULE A – WASTEWATER DEPARTMENT
RATES FOR TREATMENT SERVICE**

EFFECTIVE 07/01/24~~3~~

	Current	
I. Unit Treatment Rates (for permit accounts)		
Flow (\$ per unit, 1 unit = 100 cubic feet = 748 gallons)	\$1.546	<u>\$1.677</u>
Chemical Oxygen Demand (\$ per pound of discharge)	0.157	<u>0.170</u>
Total Suspended Solids (\$ per pound of discharge)	0.647	<u>0.702</u>
<p>Unit treatment rates for Flow, Chemical Oxygen Demand (COD), Total Suspended Solids (TSS) and a Service Charge are applied to all users unless otherwise indicated.</p>		
II. Residential Monthly Charges (6514 Multi-Family under 5 dwelling units & 8800 Single-Family)		
A. Service Charge (per account)	8.56	<u>9.29</u>
B. Strength Charge (per dwelling unit)	8.92	<u>9.67</u>
Minimum monthly charge per household	17.48	<u>18.96</u>
C. Plus: A flow charge of \$1. 6855 per unit applied to a maximum of 9 units (per dwelling unit)		
Minimum monthly charge at 0 units	0.00	0.00
Maximum monthly charge at 9 units	13.95	<u>15.12</u>
D. Total Residential Charge (A+B+C above) ¹		
Minimum monthly charge (for 8800)	17.48	<u>18.96</u>
Maximum monthly charge (for 8800)	31.43	<u>34.08</u>
Average monthly charge (for 8800)	26.78	<u>29.04</u>
¹ Does not include SF Bay Residential Pollution Prevention Fee		
III. Non-Residential Charges		
A. Monthly service charge (per account)	8.56	<u>9.29</u>
B. Treatment charge including flow processing (per unit of sewage discharge)		
2010 Meat Products	10.84	<u>11.74</u>
2011 Slaughterhouses	10.36	<u>11.24</u>
2020 Dairy Product Processing	8.50	<u>9.21</u>
2030 Fruit and Vegetable Canning	6.84	<u>7.41</u>
2040 Grain Mills	6.81	<u>7.38</u>



SCHEDULE A – WASTEWATER DEPARTMENT RATES FOR TREATMENT SERVICE

EFFECTIVE 07/01/24~~3~~

	Current	
2050 Bakeries (including Pastries)	\$11.77	<u>\$12.76</u>
2060 Sugar Processing	6.73	<u>7.29</u>
2077 Rendering Tallow	20.42	<u>22.15</u>
2080 Beverage Manufacturing & Bottling	5.11	<u>5.54</u>
2090 Specialty Foods Manufacturing	21.98	<u>23.82</u>
2600 Pulp and Paper Products	5.84	<u>6.33</u>
2810 Inorganic Chemicals Mfgr.	7.51	<u>8.15</u>
2820 Synthetic Material Manufacturing	1.76	<u>1.91</u>
2830 Drug Manufacturing	3.79	<u>4.11</u>
2840 Cleaning and Sanitation Products	7.67	<u>8.31</u>
2850 Paint Manufacturing	14.79	<u>16.03</u>
2893 Ink and Pigment Manufacturing	5.35	<u>5.80</u>
3110 Leather Tanning and Finishing	20.43	<u>22.14</u>
3200 Earthenware Manufacturing	4.15	<u>4.50</u>
3300 Primary Metals Manufacturing	3.28	<u>3.56</u>
3400 Metal Products Fabricating	1.92	<u>2.08</u>
3410 Drum and Barrel Manufacturing	20.80	<u>22.54</u>
3470 Metal Coating	2.08	<u>2.26</u>
4500 Air Transportation	2.74	<u>2.97</u>
4951 Groundwater Remediation	1.60	<u>1.74</u>
5812 Food Service Establishments	7.11	<u>7.71</u>
6513 Apartment Buildings (5 or more dwelling units)	3.46	<u>3.75</u>
7000 Hotels, Motels with Food Service	5.11	<u>5.55</u>
7210 Commercial Laundries	4.60	<u>4.99</u>
7215 Coin Operated Laundromats	3.45	<u>3.74</u>
7218 Industrial Laundries	13.08	<u>14.17</u>
7300 Laboratories	2.47	<u>2.68</u>
7542 Automobile Washing and Polishing	3.27	<u>3.55</u>
8060 Hospitals	3.14	<u>3.41</u>
8200 Schools	2.31	<u>2.51</u>
All Other Business Classification Code (includes dischargers of only segregated domestic wastes from sanitary conveniences)	3.46	<u>3.75</u>



**SCHEDULE A – WASTEWATER DEPARTMENT
RATES FOR TREATMENT SERVICE**

EFFECTIVE 07/01/24~~3~~

Multi-Use Food Service Establishments and Domestic Waste Accounts

Accounts identified by EBMUD where there are one or more food service establishments or bakeries sharing the water meter with establishments or operations with only domestic waste discharges. These accounts are assigned an MU code based on the percentage split of the discharge from the food service establishment operations or bakeries and domestic waste. The unit treatment charge for each MU Code is calculated from the food service establishment or bakeries treatment rate and the domestic waste treatment rate.

MU Code		Current	
A	0-9% Food, 91-100% Domestic	\$3.460	<u>\$3.750</u>
B	10-19% Food, 81-90% Domestic	3.825	<u>4.146</u>
C	20-29% Food, 71-80% Domestic	4.190	<u>4.542</u>
D	30-39% Food, 61-70% Domestic	4.555	<u>4.938</u>
E	40-49% Food, 51-60% Domestic	4.920	<u>5.334</u>
F	50-59% Food, 41-50% Domestic	5.285	<u>5.730</u>
G	60-69% Food, 31-40% Domestic	5.650	<u>6.126</u>
H	70-79% Food, 21-30% Domestic	6.015	<u>6.522</u>
I	80-89% Food, 11-20% Domestic	6.380	<u>6.918</u>
J	90-99% Food, 1-10% Domestic	6.745	<u>7.314</u>
K	0-9% Bakery, 91-100% Domestic	3.460	<u>3.750</u>
L	10-19% Bakery, 81-90% Domestic	4.291	<u>4.651</u>
M	20-29% Bakery, 71-80% Domestic	5.122	<u>5.552</u>
N	30-39% Bakery, 61-70% Domestic	5.953	<u>6.453</u>
O	40-49% Bakery, 51-60% Domestic	6.784	<u>7.354</u>
P	50-59% Bakery, 41-50% Domestic	7.615	<u>8.255</u>
Q	60-69% Bakery, 31-40% Domestic	8.446	<u>9.156</u>
R	70-79% Bakery, 21-30% Domestic	9.277	<u>10.057</u>
S	80-89% Bakery, 11-20% Domestic	10.108	<u>10.958</u>
T	90-99% Bakery, 1-10% Domestic	10.939	<u>11.859</u>
 Minimum Monthly Treatment Charge:			
6513	Apartment Buildings (5 or more units)	\$53.16	<u>\$57.64</u>
	All Others	8.56	<u>9.29</u>



SCHEDULE A – WASTEWATER DEPARTMENT RATES FOR TREATMENT SERVICE

EFFECTIVE 07/01/24

	Current
I. Unit Treatment Rates (for permit accounts)	
Flow (\$ per unit, 1 unit = 100 cubic feet = 748 gallons)	\$1.677
Chemical Oxygen Demand (\$ per pound of discharge)	0.170
Total Suspended Solids (\$ per pound of discharge)	0.702
 Unit treatment rates for Flow, Chemical Oxygen Demand (COD), Total Suspended Solids (TSS) and a Service Charge are applied to all users unless otherwise indicated.	
II. Residential Monthly Charges (6514 Multi-Family under 5 dwelling units & 8800 Single-Family)	
A. Service Charge (per account)	9.29
B. Strength Charge (per dwelling unit)	9.67
Minimum monthly charge per household	18.96
C. Plus: A flow charge of \$1.68 per unit applied to a maximum of 9 units (per dwelling unit)	
Minimum monthly charge at 0 units	0.00
Maximum monthly charge at 9 units	15.12
D. Total Residential Charge (A+B+C above) ¹	
Minimum monthly charge (for 8800)	18.96
Maximum monthly charge (for 8800)	34.08
Average monthly charge (for 8800)	29.04
¹ Does not include SF Bay Residential Pollution Prevention Fee	
III. Non-Residential Charges	
A. Monthly service charge (per account)	9.29
B. Treatment charge including flow processing (per unit of sewage discharge)	
2010 Meat Products	11.74
2011 Slaughterhouses	11.24
2020 Dairy Product Processing	9.21
2030 Fruit and Vegetable Canning	7.41
2040 Grain Mills	7.38



SCHEDULE A – WASTEWATER DEPARTMENT RATES FOR TREATMENT SERVICE

EFFECTIVE 07/01/24

	Current
2050 Bakeries (including Pastries)	\$12.76
2060 Sugar Processing	7.29
2077 Rendering Tallow	22.15
2080 Beverage Manufacturing & Bottling	5.54
2090 Specialty Foods Manufacturing	23.82
2600 Pulp and Paper Products	6.33
2810 Inorganic Chemicals Mfgr.	8.15
2820 Synthetic Material Manufacturing	1.91
2830 Drug Manufacturing	4.11
2840 Cleaning and Sanitation Products	8.31
2850 Paint Manufacturing	16.03
2893 Ink and Pigment Manufacturing	5.80
3110 Leather Tanning and Finishing	22.14
3200 Earthenware Manufacturing	4.50
3300 Primary Metals Manufacturing	3.56
3400 Metal Products Fabricating	2.08
3410 Drum and Barrel Manufacturing	22.54
3470 Metal Coating	2.26
4500 Air Transportation	2.97
4951 Groundwater Remediation	1.74
5812 Food Service Establishments	7.71
6513 Apartment Buildings (5 or more dwelling units)	3.75
7000 Hotels, Motels with Food Service	5.55
7210 Commercial Laundries	4.99
7215 Coin Operated Laundromats	3.74
7218 Industrial Laundries	14.17
7300 Laboratories	2.68
7542 Automobile Washing and Polishing	3.55
8060 Hospitals	3.41
8200 Schools	2.51
All Other Business Classification Code (includes dischargers of only segregated domestic wastes from sanitary conveniences)	3.75



SCHEDULE A – WASTEWATER DEPARTMENT RATES FOR TREATMENT SERVICE

EFFECTIVE 07/01/24

Multi-Use Food Service Establishments and Domestic Waste Accounts

Accounts identified by EBMUD where there are one or more food service establishments or bakeries sharing the water meter with establishments or operations with only domestic waste discharges. These accounts are assigned an MU code based on the percentage split of the discharge from the food service establishment operations or bakeries and domestic waste. The unit treatment charge for each MU Code is calculated from the food service establishment or bakeries treatment rate and the domestic waste treatment rate.

MU Code		Current
A	0-9% Food, 91-100% Domestic	\$3.750
B	10-19% Food, 81-90% Domestic	4.146
C	20-29% Food, 71-80% Domestic	4.542
D	30-39% Food, 61-70% Domestic	4.938
E	40-49% Food, 51-60% Domestic	5.334
F	50-59% Food, 41-50% Domestic	5.730
G	60-69% Food, 31-40% Domestic	6.126
H	70-79% Food, 21-30% Domestic	6.522
I	80-89% Food, 11-20% Domestic	6.918
J	90-99% Food, 1-10% Domestic	7.314
K	0-9% Bakery, 91-100% Domestic	3.750
L	10-19% Bakery, 81-90% Domestic	4.651
M	20-29% Bakery, 71-80% Domestic	5.552
N	30-39% Bakery, 61-70% Domestic	6.453
O	40-49% Bakery, 51-60% Domestic	7.354
P	50-59% Bakery, 41-50% Domestic	8.255
Q	60-69% Bakery, 31-40% Domestic	9.156
R	70-79% Bakery, 21-30% Domestic	10.057
S	80-89% Bakery, 11-20% Domestic	10.958
T	90-99% Bakery, 1-10% Domestic	11.859
Minimum Monthly Treatment Charge:		
6513	Apartment Buildings (5 or more units)	\$57.64
	All Others	9.29

Wastewater Department

Schedule B

Wet Weather Facilities Charge

FY 2024



**SCHEDULE B – WASTEWATER DEPARTMENT
WET WEATHER FACILITIES CHARGE**

EFFECTIVE 07/01/23~~2~~

Annual Charge Collected on Property Tax Bill¹

TYPE	RATE
Small Lot (0 - 5,000 sq. ft.)	\$ 125.16 <u>135.82</u>
Medium Lot (5,001 – 10,000 sq. ft.)	\$ 195.50 <u>212.12</u>
Large Lot (> 10,000 sq. ft.)	\$ 446.80 <u>484.78</u>

¹ The WWFC for entities that are exempt from property taxes (e.g., public agencies) is collected through the District's billing process.



**SCHEDULE B – WASTEWATER DEPARTMENT
WET WEATHER FACILITIES CHARGE**

EFFECTIVE 07/01/23

Annual Charge Collected on Property Tax Bill¹

TYPE	RATE
Small Lot (0 - 5,000 sq. ft.)	\$135.82
Medium Lot (5,001 – 10,000 sq. ft.)	\$212.12
Large Lot (> 10,000 sq. ft.)	\$484.78

¹ The WWFC for entities that are exempt from property taxes (e.g., public agencies) is collected through the District's billing process.

Wastewater Department

Schedule B

Wet Weather Facilities Charge

FY 2025



**SCHEDULE B – WASTEWATER DEPARTMENT
WET WEATHER FACILITIES CHARGE**

EFFECTIVE 07/01/24~~3~~

Annual Charge Collected on Property Tax Bill¹

TYPE	RATE
Small Lot (0 - 5,000 sq. ft.)	\$ 135.82 <u>147.38</u>
Medium Lot (5,001 – 10,000 sq. ft.)	\$ 212.12 <u>230.16</u>
Large Lot (> 10,000 sq. ft.)	\$ 484.78 <u>526.00</u>

¹ The WWFC for entities that are exempt from property taxes (e.g., public agencies) is collected through the District's billing process.



**SCHEDULE B – WASTEWATER DEPARTMENT
WET WEATHER FACILITIES CHARGE**

EFFECTIVE 07/01/24

Annual Charge Collected on Property Tax Bill¹

TYPE	RATE
Small Lot (0 - 5,000 sq. ft.)	\$147.38
Medium Lot (5,001 – 10,000 sq. ft.)	\$230.16
Large Lot (> 10,000 sq. ft.)	\$526.00

¹ The WWFC for entities that are exempt from property taxes (e.g., public agencies) is collected through the District's billing process.



BOARD ACTION

Agenda Number:	10.2.	Meeting Date:	June 13, 2023
----------------	-------	---------------	---------------

TITLE **REVISIONS TO WATER AND WASTEWATER RATES, CHARGES, FEES, AND REGULATIONS NOT SUBJECT TO PROPOSITION 218 FOR FISCAL YEAR 2024**

ACTION Motion: Resolution: Ordinance:


RECOMMENDED ACTION Adopt the rates, charges, fees, and regulations not subject to Proposition 218 for Fiscal Year (FY) 2024 recommended in the Biennial Report and Recommendation of the General Manager for FY 2024 and FY 2025 filed with the Board of Directors on May 9, 2023.

SUMMARY The recommended action adjusts rates, charges, fees, and regulations for FY 2024 not subject to Proposition 218 to support the FY 2024 Operating and Capital budgets for the Water and Wastewater Systems as presented in the Biennial Report and Recommendation of the General Manager for Fiscal Years 2024 and 2025, Revisions to the Water and Wastewater System Schedule of Rates and Charges, Capacity Fees and Other Fees filed with the Board on May 9, 2023. The amount of and basis for each proposed increase is described below. In addition to the public hearing on the proposed changes to Water and Wastewater rates and charges scheduled for June 13, the Board held workshops on January 24, 2023 and March 28, 2023 to review the proposed operating and capital budgets and proposed changes to rates, charges, and fees.

DISCUSSION The recommended changes to the rates, charges, fees, and regulations for FY 2024 not subject to Proposition 218 are summarized below and included in the Exhibits to the attached resolution as:

Exhibit A – Water System Schedules of Rates, Charges, Fees, and Regulations

- Schedule B – Account Establishment Charge
- Schedule C – Charges for Special Services
- Schedule D – Water Service Installation Charges
- Schedule E – Private Fire Service Installation Charges
- Schedule F – Public Fire Hydrant Installation Charges
- Schedule G – Water Main Extension Charges
- Schedule H – Standard Participation Charge (SPC)
- Schedule J – System Capacity Charge (SCC)
- Schedule N – Water Demand Mitigation Fees
- Water Service Regulations, Section 1 – Explanation of Terms Used in These Regulations

Originating Department: Finance	Department Director or Manager: Sophia D. Skoda	CEP Forms? N/A	Board Action Type: Financial
Funds Available: N/A	Budget Coding: N/A		Approved: 
Attachment(s): Exhibit A – Water System Schedules of Rates, Charges, Fees, and Regulations; Exhibit B – Wastewater System Schedules of Rates, Charges, and Fees; Exhibit C – Recreation Use Fees; Exhibit D; Resolution			

Title:	Revisions to Water and Wastewater Rates, Charges, Fees, and Regulations Not Subject to Proposition 218 for Fiscal Year 2024	Meeting Date:	June 13, 2023
--------	--	---------------	---------------

Exhibit B – Wastewater System Schedules of Rates, Charges and Fees

- Schedule C – Industrial Permit Fees
- Schedule D – Other Fees
- Schedule E – Testing Fees
- Schedule F – Rates for Resource Recovery Material Treatment
- Schedule G – Wastewater Capacity Fees
- Schedule H – Wastewater Interceptor Connection Review, Coordination and Inspection Fee

Exhibit C – Recreation Use Fees

- Calendar Year 2023
- Calendar Year 2024

Exhibit D

- Public Records Act Fee Schedule and District Publication Fees
- Real Property Use Application Fees

Exhibit A

Modifications to Water Rates, Charges and Fees

- Modify Schedule B, Account Establishment Charge to increase the Account Establishment Charges to reflect the current costs. The Schedule B increases for FY 2024 are proposed to be effective July 1, 2023.
- Modify Schedule C, Charges for Special Services, to increase the Meter Testing, Service Interruption Charges, Flow-Restrictor Installation Charge, Backflow Device Annual Certification Charge, and Backflow Device Violation Charge, Processing Fees for Intervening Water Service Agreement, and Public Hydrant Meter Account Establishment and Site Visit Charges to reflect current costs. The Schedule C changes for FY 2024 are proposed to be effective July 1, 2023.
- Modify Schedule D, Water Service Installation Charges, to increase charges for Installing a Service, Increasing Meter Size, Reducing Meter Size, Relocating an Existing Service, Conversion of Individual Service to Branch Service and Conversion of Branch Service to Individual Service, and Service Eliminations to reflect current costs. The Schedule D increases for FY 2024 are proposed to be effective July 1, 2023.
- Modify Schedule E, Private Fire Service Installation Charges, to increase charges for Installing a Private Fire Service to reflect current costs. The Schedule E increases for FY 2024 are proposed to be effective July 1, 2023.
- Modify Schedule F, Public Fire Hydrant Installation Charges, to increase charges for Hydrant Installation by the District, Hydrant Installation by Applicant on Applicant-Installed Main Extensions, Hydrant Removal, Relocation of a Fire Hydrant, Setback/Offset of a Fire Hydrant, and Replacement of a Hydrant Body to reflect current costs. The Schedule F changes for FY 2024 are proposed to be effective July 1, 2023.

Title:	Revisions to Water and Wastewater Rates, Charges, Fees, and Regulations Not Subject to Proposition 218 for Fiscal Year 2024	Meeting Date:	June 13, 2023
--------	--	---------------	---------------

- Modify Schedule G, Water Main Extension Charges, to increase charges for District-Installed Mains and Applicant-Installed Mains to reflect current costs. The Schedule G increases for FY 2024 are proposed to be effective July 1, 2023.

Modifications to the Standard Participation Charge (SPC), System Capacity Charge (SCC), and Water Demand Mitigation Fees

- Modify Schedule H, SPC, to reflect the allowable costs for facilities necessary to serve applicants who had separate facility agreements with the District prior to July 1, 1983. The Schedule H increases are proposed to be effective July 1, 2023.
- Modify Schedule J, SCC, to reflect updates for construction cost escalation, depreciation, additional facilities and future supply projects, and outstanding debt balance. SCC rates for Regions 1, 2, and 3 are proposed to increase an average of 8.3 percent although the exact percentage increase varies slightly depending on meter size and region. The Schedule J increases are proposed to be effective July 1, 2023.
- Modify Schedule N, Water Demand Mitigation Fees, to reflect the latest future water supply costs and to reflect the latest U.S. City Average of the Consumer Price Index. The Schedule N increases are proposed to be effective July 1, 2023.

Water System Regulations Governing Water Service

- Modify Water Regulations Section 1 – Explanation of Terms Used in These Regulations to address changes in the zoning for allowances for duplexes and triplexes on single-family lots.

Exhibit B

Modifications to Wastewater Charges and Fees

- Modify Schedule C, Industrial Permit Fees, to increase the FY 2024 Wastewater Discharge Permit Fee, Estimation Permit Fee, and Limited Term Discharge Permit Fee to reflect current costs. The fees are proposed to be effective July 1, 2023.
- Modify Schedule D, Other Fees to increase the FY 2024 Monitoring Fees, Violation Follow-up Fees and Private Sewer Lateral Compliance Fees to reflect current costs. The fees are proposed to be effective July 1, 2023.
- Modify Schedule E, Testing Fees to increase Laboratory Testing Charges to reflect current costs. The changes for FY 2024 are proposed to be effective July 1, 2023.
- Modify Schedule F, Rates for Resource Recovery Material Treatment to increase the treatment rates for Septage, Process Water, Brine, Sludge, Liquid Organic Material, Protein Material, and Solid Organic Material to reflect increased costs. The fees for FY 2024 are proposed to be effective July 1, 2023.
- Modify Schedule H, Wastewater Interceptor Connection Review, Coordination, and Inspection Fees to increase the fees to reflect current costs. The updated charges for FY 2024 are proposed to be effective July 1, 2023.

Title:	Revisions to Water and Wastewater Rates, Charges, Fees, and Regulations Not Subject to Proposition 218 for Fiscal Year 2024	Meeting Date:	June 13, 2023
--------	--	---------------	---------------

Modifications to Wastewater Capacity Fees

- Modify Schedule G, Wastewater Department Capacity Fee (WCF), to include updates for the construction of additional facilities, construction cost escalations, depreciation, and outstanding debt balance. The WCF increase for single-family residential will be 7.5 percent (\$220). The WCF increase for non-residential customers will depend on the customer’s wastewater flow and strength characteristics. Changes to Schedule G, Wastewater Capacity Fees, are proposed to be effective July 1, 2023.

Exhibit C

Modifications to Recreation Use Fees

- Modify the Calendar Year 2023 Recreation Use Fees for Watershed Trails to add a Low-Income Annual Permit effective July 1, 2023.
- Modify the Calendar Year 2024 Recreation Use Fees for the Camanche Reservoir, San Pablo Recreation Area, and Camanche Hills Hunting Preserve to recover the costs of recreation programs and update the list to reflect current use. Modifications to the Recreation Use Fees for Calendar Year 2024 are proposed to be effective January 1, 2024.

Exhibit D

Modifications to Public Records Act Fees

- Modify the Public Records Act Fee Schedule to reflect the District’s current cost of duplication and computer programming. Modifications to Public Records Act Fees for FY 2024 are proposed to be effective July 1, 2023.

Modifications to Real Property Use Application Fees

- Modify the Real Property Use Application Fees to reflect the District’s cost of reviewing and investigating the proposed use applications. Modifications to Real Property Use Application Fees are proposed to be effective July 1, 2023.

SUSTAINABILITY

Economic

The updated rates and charges in the schedules for both water and wastewater system will recover District costs to provide services.

ALTERNATIVE

Do not adopt the recommended changes to the schedules of rates, charges, and fees and regulations.

This alternative is not recommended because the current rates, fees, and charges would not reflect current costs.

Water System Schedules of Rates and Charges, Capacity Charges, Other Fees Not Subject to Proposition 218, and Regulations

FY 2024

Schedule B – Account Establishment Charge

Schedule C – Charges for Special Services

Schedule D – Water Service Installation Charges

Schedule E – Private Fire Service Installation Charges

Schedule F – Public Fire Hydrant Installation Charges

Schedule G – Water Main Extension Charges

Schedule H – Standard Participation Charge (SPC)

Schedule J – System Capacity Charge (SCC)

Schedule N – Water Demand Mitigation Fees

Section 1 – Explanation of Terms Used in These Regulations

Schedule B

Account Establishment Charge

FY 2024



SCHEDULE B – ACCOUNT ESTABLISHMENT CHARGE

EFFECTIVE 07/01/23~~2~~

The charge for establishing a new account or the transfer of an account for a customer moving from one address to another within the District's service area is \$~~63~~67 with the following exceptions:

- Customers in the Customer Assistance Program shall be charged \$~~34~~34.
- Landlords requiring temporary water service for a period not to exceed 60 days shall be charged \$~~34~~34, with the balance of the Account Establishment Charge billed for water service that exceeds 60 days.
- There will be no transfer fee to change the name of an account when the responsible party is a landlord who has signed an intervening water service agreement.
- There will be no transfer fee to change the name of an account when the same person or entity is to remain responsible.
- Customers may use the EBMUD website and use the online process to electronically set up a new account or transfer an existing account from one address to another when they move. The charge for electronically establishing a new account or electronically transferring an existing account for a single family residence customer is \$~~47~~51.



SCHEDULE B – ACCOUNT ESTABLISHMENT CHARGE

EFFECTIVE 07/01/23

The charge for establishing a new account or the transfer of an account for a customer moving from one address to another within the District's service area is \$67 with the following exceptions:

- Customers in the Customer Assistance Program shall be charged \$34.
- Landlords requiring temporary water service for a period not to exceed 60 days shall be charged \$34, with the balance of the Account Establishment Charge billed for water service that exceeds 60 days.
- There will be no transfer fee to change the name of an account when the responsible party is a landlord who has signed an intervening water service agreement.
- There will be no transfer fee to change the name of an account when the same person or entity is to remain responsible.
- Customers may use the EBMUD website and use the online process to electronically set up a new account or transfer an existing account from one address to another when they move. The charge for electronically establishing a new account or electronically transferring an existing account for a single family residence customer is \$51.

Schedule C
Charges for Special Services
FY 2024



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23~~2~~

A. METER TESTING

Charges for meter testing will be in accordance with the following schedule:

<u>SIZE OF METER</u>	<u>TESTING CHARGES</u>
5/8", 3/4", and 1"	\$71
1-1/2" and 2"	\$71 On Site \$159 Pull/Test
3" and larger	\$318 On Site Actual Cost Pull and Test

B. SERVICE INTERRUPTION

The charge for shutting off water service due to non-payment of a water bill is \$50

The charge for restoring service after payment has been received during regular office hours is \$50

The charge for restoring service between 5 p.m. and 8 a.m. or on Saturday, Sunday, or on a holiday is \$~~74~~79

An additional charge to lock or plug the meter due to non-payment or unauthorized water use is

S-Lock	\$ 67 <u>71</u>
Plug	\$ 453 <u>479</u>

A service interruption charge of \$50 may be charged in the event of any additional field stops to shut off service beyond the initial service interruption, including EBMUD locking the meter if the customer self-restores water service prior to making payment. (See Section M.)

C. RETURNED PAYMENT CHARGE

A charge of \$29 shall be paid for each check or electronic transaction received as payment to the District that is returned unpaid from a financial institution.

D. PROCESSING FEES FOR DELINQUENT CHARGE COLLECTION THROUGH LIENS AND PROPERTY TAX BILLS ON MULTI-FAMILY RESIDENTIAL ACCOUNTS

For multi-family residential accounts, the District may place liens on parcels with unpaid charges and collect unpaid amounts on parcels' property tax bills. Multi-family residential accounts are any residential accounts where a water meter serves two or more dwelling units.



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23~~2~~

- | | |
|--|---|
| 1. Lien Filing Fee | \$169 per lien (in Alameda County)

\$145 per lien (in Contra Costa County) |
| 2. Lien Removal Fee | \$123 (in Alameda County) and
\$119 (in Contra Costa County) for first
lien removed

\$56 (in Alameda County) and \$52 (in
Contra Costa County) for each additional
lien removed at the same time |
| 3. Property Tax Transfer Fee Unpaid
Charges with Liens Recorded | \$24 +1.7% (in Alameda County)

\$24 +\$3 per parcel (in Contra Costa
County) |

E. PROHIBITED WATER USE CHARGE

A charge of \$50 shall be paid to cover the monitoring costs incurred by the District if, after written notification, excessive or prohibited water use is not curtailed.

F. FLOW-RESTRICTOR INSTALLATION

The charge for District installation of a flow-restricting device on any service that continues excessive water use, after written notification, will be in accordance with the following schedule:

1. On services two-inches and smaller –

5/8" and 3/4"	\$ 134 <u>141</u>
1"	\$ 134 <u>141</u>
1-1/2"	\$284
2"	\$284

2. All others –

The charges for installing flow-restricting devices on water services, other than those in the above schedule, shall be the actual cost of installing the device, as determined by the District, including engineering, equipment, material, labor, and related overhead expenses.



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23~~2~~

G. NOTICE OF PROHIBITED WATER USE AND FLOW-RESTRICTOR CHARGES

For the purposes of Sections E and F above, written notification shall:

1. Specify the date by which excessive or prohibited water use must be curtailed to avoid further enforcement action; and
2. Be sent by certified mail (return receipt requested) or by other written means which would be sufficient for obtaining personal service in a legal proceeding.

H. RESCINDED 12/10/96

I. BACKFLOW DEVICE ANNUAL CERTIFICATION CHARGE

Where it is probable that a pollutant, contaminant, system, or plumbing hazard may be created by a water user, or where the water system is unstable and cross-connections may be installed or reinstalled, an approved backflow prevention device of the proper type is required for all premises except for conforming single-family premises at the customer's expense. See Section 26 of the District's Regulations Governing Water Service.

1. The charge for administering the Backflow Program Certification for all specified accounts (annually) \$~~64~~62
2. The charge for District staff to conduct a *Change of Responsible Party* or *Change of Use Survey* or to respond to a commercial customer's request for a backflow/cross connection survey, an initial or follow-up backflow inspection \$142/hr.
3. The charge for backflow testers to be placed on the District's list of certified testers \$~~473~~177

J. BACKFLOW DEVICE VIOLATION

For those customers where the service has been terminated for failure to meet the District's Backflow Program requirements, a charge will be made to cover the District's costs pursuant to the termination and restoration of service

\$~~605~~619

K. LATE PAYMENT PENALTY AND INTEREST

For those customers with outstanding overdue balances exceeding \$10 at billing, a charge equivalent to 1.5 percent of the overdue balance (minimum charge \$1) will be made to recover foregone interest on District money, and the District's costs to process overdue accounts. Customers in the Customer Assistance Program shall be exempt from the late payment penalty and interest.



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23~~2~~

L. PROCESSING FEE FOR INTERVENING WATER SERVICE AGREEMENT

The charge for the District to process an intervening water service agreement for a participating landlord in the District’s automated landlord sign-on service is **\$~~64~~76**

Requests to modify intervening water service agreement property account information must be submitted in writing and can be dropped off, mailed, or faxed to a District business office.

The charge for each written request to modify the original intervening water service agreement by adding to or deleting property account information from the original agreement is **\$~~64~~76**

M. SERVICE TRIP CHARGE

The charge for District staff to perform special services for customers is **\$50**

The charge may be applied for, but is not limited to the following:

1. Additional field stops beyond the initial service interruption to shut off service due to non-payment, including a field stop to lock the meter if the customer self-restores water service prior to making payment;
2. Follow-up site visits to customers who have not complied after the District’s notification to correct an obstructed meter condition or to remove unauthorized devices or equipment attached to District property in the meter box; and
3. Field inspections conducted at the customer’s request.

N. PUBLIC HYDRANT METER ACCOUNT ESTABLISHMENT CHARGES

Customers can request a 3-inch hydrant meter that can be hooked up to a public fire hydrant to measure water use at a property site. Customers are required to: 1) provide hydrant meter readings every two months, within two weeks of the meter read due date; 2) return hydrant meter equipment within one month following a meter use period; and 3) renew the hydrant meter permit and exchange the hydrant meter equipment within 11 months from the date of issuance, if continued use is desired.

The charge to establish water service for a hydrant meter is **\$~~128~~137**

The charge to renew a hydrant meter account at the end of a 12-month period is **\$~~128~~137**

Hydrant meter security deposit **\$~~1~~350**

If a field stop is required to establish a new account, a **\$~~256~~273** site visit charge shall be paid in addition to the **\$~~128~~137** account establishment charge. (See Section O.)



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23~~2~~

O. PUBLIC HYDRANT METER ACCOUNT SITE VISIT CHARGE

The charge for a Field Services Representative to conduct a hydrant meter site visit to perform special services for customers is

~~\$256~~273

The charge shall be applied for, but is not limited to the following:

1. Reading hydrant meters for which the two-month reading was not submitted by the customer;
2. Retrieving hydrant meter equipment from a customer site;
3. Delivering hydrant meter equipment to a customer; and
4. Establishing or renewing a hydrant meter account in the field.



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23

A. METER TESTING

Charges for meter testing will be in accordance with the following schedule:

<u>SIZE OF METER</u>	<u>TESTING CHARGES</u>
5/8", 3/4", and 1"	\$71
1-1/2" and 2"	\$71 On Site \$159 Pull/Test
3" and larger	\$318 On Site Actual Cost Pull and Test

B. SERVICE INTERRUPTION

The charge for shutting off water service due to non-payment of a water bill is \$50

The charge for restoring service after payment has been received during regular office hours is \$50

The charge for restoring service between 5 p.m. and 8 a.m. or on Saturday, Sunday, or on a holiday is \$79

An additional charge to lock or plug the meter due to non-payment or unauthorized water use is

S-Lock	\$71
Plug	\$479

A service interruption charge of \$50 may be charged in the event of any additional field stops to shut off service beyond the initial service interruption, including EBMUD locking the meter if the customer self-restores water service prior to making payment. (See Section M.)

C. RETURNED PAYMENT CHARGE

A charge of \$29 shall be paid for each check or electronic transaction received as payment to the District that is returned unpaid from a financial institution.

D. PROCESSING FEES FOR DELINQUENT CHARGE COLLECTION THROUGH LIENS AND PROPERTY TAX BILLS ON MULTI-FAMILY RESIDENTIAL ACCOUNTS

For multi-family residential accounts, the District may place liens on parcels with unpaid charges and collect unpaid amounts on parcels' property tax bills. Multi-family residential accounts are any residential accounts where a water meter serves two or more dwelling units.



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23

- | | |
|--|---|
| 1. Lien Filing Fee | \$169 per lien (in Alameda County)

\$145 per lien (in Contra Costa County) |
| 2. Lien Removal Fee | \$123 (in Alameda County) and
\$119 (in Contra Costa County) for first
lien removed

\$56 (in Alameda County) and \$52 (in
Contra Costa County) for each additional
lien removed at the same time |
| 3. Property Tax Transfer Fee Unpaid
Charges with Liens Recorded | \$24 +1.7% (in Alameda County)

\$24 +\$3 per parcel (in Contra Costa
County) |

E. PROHIBITED WATER USE CHARGE

A charge of \$50 shall be paid to cover the monitoring costs incurred by the District if, after written notification, excessive or prohibited water use is not curtailed.

F. FLOW-RESTRICTOR INSTALLATION

The charge for District installation of a flow-restricting device on any service that continues excessive water use, after written notification, will be in accordance with the following schedule:

1. On services two-inches and smaller –

5/8" and 3/4"	\$141
1"	\$141
1-1/2"	\$284
2"	\$284

2. All others –

The charges for installing flow-restricting devices on water services, other than those in the above schedule, shall be the actual cost of installing the device, as determined by the District, including engineering, equipment, material, labor, and related overhead expenses.



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23

G. NOTICE OF PROHIBITED WATER USE AND FLOW-RESTRICTOR CHARGES

For the purposes of Sections E and F above, written notification shall:

1. Specify the date by which excessive or prohibited water use must be curtailed to avoid further enforcement action; and
2. Be sent by certified mail (return receipt requested) or by other written means which would be sufficient for obtaining personal service in a legal proceeding.

H. RESCINDED 12/10/96

I. BACKFLOW DEVICE ANNUAL CERTIFICATION CHARGE

Where it is probable that a pollutant, contaminant, system, or plumbing hazard may be created by a water user, or where the water system is unstable and cross-connections may be installed or reinstalled, an approved backflow prevention device of the proper type is required for all premises except for conforming single-family premises at the customer's expense. See Section 26 of the District's Regulations Governing Water Service.

- | | |
|--|-----------|
| 1. The charge for administering the Backflow Program Certification for all specified accounts (annually) | \$62 |
| 2. The charge for District staff to conduct a <i>Change of Responsible Party</i> or <i>Change of Use Survey</i> or to respond to a commercial customer's request for a backflow/cross connection survey, an initial or follow-up backflow inspection | \$142/hr. |
| 3. The charge for backflow testers to be placed on the District's list of certified testers | \$177 |

J. BACKFLOW DEVICE VIOLATION

For those customers where the service has been terminated for failure to meet the District's Backflow Program requirements, a charge will be made to cover the District's costs pursuant to the termination and restoration of service	\$619
--	-------

K. LATE PAYMENT PENALTY AND INTEREST

For those customers with outstanding overdue balances exceeding \$10 at billing, a charge equivalent to 1.5 percent of the overdue balance (minimum charge \$1) will be made to recover foregone interest on District money, and the District's costs to process overdue accounts. Customers in the Customer Assistance Program shall be exempt from the late payment penalty and interest.



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23

L. PROCESSING FEE FOR INTERVENING WATER SERVICE AGREEMENT

The charge for the District to process an intervening water service agreement for a participating landlord in the District's automated landlord sign-on service is \$76

Requests to modify intervening water service agreement property account information must be submitted in writing and can be dropped off, mailed, or faxed to a District business office.

The charge for each written request to modify the original intervening water service agreement by adding to or deleting property account information from the original agreement is \$76

M. SERVICE TRIP CHARGE

The charge for District staff to perform special services for customers is \$50

The charge may be applied for, but is not limited to the following:

1. Additional field stops beyond the initial service interruption to shut off service due to non-payment, including a field stop to lock the meter if the customer self-restores water service prior to making payment;
2. Follow-up site visits to customers who have not complied after the District's notification to correct an obstructed meter condition or to remove unauthorized devices or equipment attached to District property in the meter box; and
3. Field inspections conducted at the customer's request.

N. PUBLIC HYDRANT METER ACCOUNT ESTABLISHMENT CHARGES

Customers can request a 3-inch hydrant meter that can be hooked up to a public fire hydrant to measure water use at a property site. Customers are required to: 1) provide hydrant meter readings every two months, within two weeks of the meter read due date; 2) return hydrant meter equipment within one month following a meter use period; and 3) renew the hydrant meter permit and exchange the hydrant meter equipment within 11 months from the date of issuance, if continued use is desired.

The charge to establish water service for a hydrant meter is \$137

The charge to renew a hydrant meter account at the end of a 12-month period is \$137

Hydrant meter security deposit \$1,350

If a field stop is required to establish a new account, a \$273 site visit charge shall be paid in addition to the \$137 account establishment charge. (See Section O.)



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23

O. PUBLIC HYDRANT METER ACCOUNT SITE VISIT CHARGE

The charge for a Field Services Representative to conduct a hydrant meter site visit to perform special services for customers is \$273

The charge shall be applied for, but is not limited to the following:

1. Reading hydrant meters for which the two-month reading was not submitted by the customer;
2. Retrieving hydrant meter equipment from a customer site;
3. Delivering hydrant meter equipment to a customer; and
4. Establishing or renewing a hydrant meter account in the field.

Schedule D

Water Service Installation Charges

FY 2024



SCHEDULE D – WATER SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/23²

Requests for the installation of a water service or changes to a water service must comply with all applicable District Regulations Governing Water Service

A. INSTALLING A SERVICE

The charge for installing water service (meter, lateral, and appurtenances), including a private fire service requiring a meter that is smaller than 4 inches, will be in accordance with the following schedule. The charge for installing a private fire service meter that is 4 inches or larger is set forth in Schedule E – Private Fire Service Installation Charges.

1. METERS SMALLER THAN FOUR INCHES

a. Regular Services (1 meter per lateral)

LATERAL AND METER SIZE	INSTALLED IN PAVED CONDITIONS ¹		INSTALLED IN UNPAVED CONDITIONS ²	
1" and smaller Lateral with 1" and under meter	\$9,499	<u>\$10,483</u>	\$5,145	<u>\$5,681</u>
1-1/2" Lateral with 1-1/2" and under meter	15,244	<u>17,317</u>	9,135	<u>10,635</u>
2" Lateral with 2" and under meter	15,244	<u>17,317</u>	9,135	<u>10,635</u>
3" ³ Lateral with 3" and under meter	34,310	<u>37,365</u>	23,716	<u>25,868</u>
4" ³ Lateral with 4" and under meter	34,310	<u>37,365</u>	23,716	<u>25,868</u>

Cost to install services with 6" laterals and larger will be calculated on an actual cost basis.

¹ Paved conditions are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist.

² Unpaved conditions are limited to conditions where paving has not previously existed and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final lift.

³ Requires steel pipes.



SCHEDULE D – WATER SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/23~~2~~

b. Branch Services (2 or more meters per lateral)

METER SIZE	# OF METERS	INSTALLED IN PAVED CONDITIONS ⁴	INSTALLED IN UNPAVED CONDITIONS ⁵
5/8" Meters	2	\$9,880	\$11,141
	3	14,995	17,700
	4	15,376	18,357
	5	15,757	19,015
	6	16,138	19,672
	7	16,519	20,330
	8	16,900	20,988
1" Meters	2	14,614	17,042
	3	14,995	17,700
	4	15,376	18,357

c. Adjustment for Applicant Assisted Service Installations

Applicants requesting installation of at least 15 service laterals may choose to provide their own trenching and backfilling and be eligible to receive a refund of up to \$540,583 per service lateral installed provided that the applicant:

- (i) pays the appropriate charges for each service as specified in sections (a) or (b) above.
- (ii) clears the construction site of obstructing materials and equipment.
- (iii) excavates a minimum of 15 service laterals ahead of District crews.
- (iv) hauls sand and select backfill to the construction site for use by District crews in supporting the service lateral and for applicant backfilling of trenches.
- (v) backfills and compacts the trenches after District crews have installed and properly secured the service lateral.
- (vi) reimburses the District for (1) unproductive crew standby due to applicant's failure to prepare the site or excavate trenches in advance; (2) District costs to repair damage done by applicant's trenching operation.

⁴ Paved conditions are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist.

⁵ Unpaved conditions are limited to conditions where paving has not previously existed, and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final lift



SCHEDULE D – WATER SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/23~~2~~

2. ALL OTHERS

The charge or credits for installing all water services other than those specified in Section (A)(1) of this schedule shall be the actual cost of installing the service, as determined by the District, including engineering, equipment, material, labor, and related overhead expenses. The charge for installing private fire service requiring a meter that is 4 inches or larger is stated in Schedule E.

B. COST OF INCREASING METER SIZE (Up to available capacity on existing lateral)

<u>1" and smaller Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	\$1,153 <u>\$1,291</u>
<u>1-1/2" Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	
Up to 1-1/2"		\$1,153 <u>\$1,380</u>
<u>2" Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	
Up to 2"		\$1,237 <u>\$1,380</u>
<u>4" Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	
Up to 2"		\$1,237 <u>\$1,380</u>
<u>4" Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	
Up to 4"		\$6,420 <u>\$7,389</u>

C. COST OF REDUCING METER SIZE (Additional charge of \$600 if concrete replacement required)

1", 1-1/2" and 2" Laterals	to smaller meter	\$1,159 <u>\$1,272</u>
3" and 4" Laterals	to smaller meter	\$3,151 <u>\$3,448</u>

D. RELOCATING AN EXISTING SERVICE

- To relocate an existing service perpendicular to the curb line or a distance not exceeding five feet parallel to the curb line, a charge will be ~~\$2,527~~ \$2,710.
- To transfer service or to relocate an existing service a distance exceeding five feet parallel to the curb line, a charge will be made in accordance with Section A – Installing a Service plus the cost of eliminating old service connection.



SCHEDULE D – WATER SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/23~~2~~

E. RESETTING OR REPLACING A METER

There will be a charge equivalent to 5.0 percent of the water service installation charge for resetting a meter on an existing service connection.

There will be a charge equivalent to 5.0 percent of the water service installation charge for replacing a meter when applicants lose or damage meters when constructing new developments.

F. CONVERSION OF INDIVIDUAL SERVICE TO BRANCH SERVICE AND CONVERSION OF BRANCH SERVICE TO INDIVIDUAL SERVICE

(Multi-metering, when feasible)

Branch Conversion \$~~2,303~~2,492 for two meter conversion, \$~~381~~658 for each additional meter
(Additional charge of \$600 if concrete replacement is required)

G. SERVICE ELIMINATIONS

3/4" to 2" \$~~2,367~~2,492 (Additional charge of \$600 if concrete replacement required)

3" to 12" \$~~4,039~~4,354 (Additional charge of \$600 if concrete replacement required)

H. INSTALLATION OR OTHER WORK UNDER UNUSUAL CONDITIONS

The above charges apply to installation charges for water services four inches and smaller except where there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street utility congestions, known potential for archeological or paleontological resources, contaminated soils, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including but not limited to added testing and inspection, changes due to project revisions, property rights evaluation, and/or clean soil utility corridor establishment, and any construction by District forces to complete the installation. In such cases, the charge or credit will be based on the District's actual cost of all engineering, material, equipment, labor, and related overhead expenses incidental to the installation.



SCHEDULE D – WATER SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/23

Requests for the installation of a water service or changes to a water service must comply with all applicable District Regulations Governing Water Service

A. INSTALLING A SERVICE

The charge for installing water service (meter, lateral, and appurtenances), including a private fire service requiring a meter that is smaller than 4 inches, will be in accordance with the following schedule. The charge for installing a private fire service meter that is 4 inches or larger is set forth in Schedule E – Private Fire Service Installation Charges.

1. METERS SMALLER THAN FOUR INCHES

a. Regular Services (1 meter per lateral)

LATERAL AND METER SIZE	INSTALLED IN PAVED CONDITIONS ¹	INSTALLED IN UNPAVED CONDITIONS ²
1" and smaller Lateral with 1" and under meter	\$10,483	\$5,681
1-1/2" Lateral with 1-1/2" and under meter	17,317	10,635
2" Lateral with 2" and under meter	17,317	10,635
3" ³ Lateral with 3" and under meter	37,365	25,868
4" ³ Lateral with 4" and under meter	37,365	25,868

Cost to install services with 6" laterals and larger will be calculated on an actual cost basis.

¹ Paved conditions are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist.

² Unpaved conditions are limited to conditions where paving has not previously existed and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final lift.

³ Requires steel pipes.



SCHEDULE D – WATER SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/23

b. Branch Services (2 or more meters per lateral)

METER SIZE	# OF METERS	INSTALLED IN PAVED CONDITIONS ⁴	INSTALLED IN UNPAVED CONDITIONS ⁵
5/8" Meters	2	\$11,141	\$6,339
	3	17,700	11,019
	4	18,357	11,676
	5	19,015	12,334
	6	19,672	12,991
	7	20,330	13,649
	8	20,988	14,307
	1" Meters	2	17,042
3		17,700	11,019
4		18,357	11,676

c. Adjustment for Applicant Assisted Service Installations

Applicants requesting installation of at least 15 service laterals may choose to provide their own trenching and backfilling and be eligible to receive a refund of up to \$583 per service lateral installed provided that the applicant:

- (i) pays the appropriate charges for each service as specified in sections (a) or (b) above.
- (ii) clears the construction site of obstructing materials and equipment.
- (iii) excavates a minimum of 15 service laterals ahead of District crews.
- (iv) hauls sand and select backfill to the construction site for use by District crews in supporting the service lateral and for applicant backfilling of trenches.
- (v) backfills and compacts the trenches after District crews have installed and properly secured the service lateral.
- (vi) reimburses the District for (1) unproductive crew standby due to applicant's failure to prepare the site or excavate trenches in advance; (2) District costs to repair damage done by applicant's trenching operation.

⁴ Paved conditions are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist.

⁵ Unpaved conditions are limited to conditions where paving has not previously existed, and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final lift



SCHEDULE D – WATER SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/23

2. ALL OTHERS

The charge or credits for installing all water services other than those specified in Section (A)(1) of this schedule shall be the actual cost of installing the service, as determined by the District, including engineering, equipment, material, labor, and related overhead expenses. The charge for installing private fire service requiring a meter that is 4 inches or larger is stated in Schedule E.

B. COST OF INCREASING METER SIZE (Up to available capacity on existing lateral)

<u>1" and smaller Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	\$1,291
<u>1-1/2" Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	
Up to 1-1/2"		\$1,380
<u>2" Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	
Up to 2"		\$1,380
<u>4" Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	
Up to 2"		\$1,380
<u>4" Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	
Up to 4"		\$7,389

C. COST OF REDUCING METER SIZE (Additional charge of \$600 if concrete replacement required)

1", 1-1/2" and 2" Laterals	to smaller meter	\$1,272
3" and 4" Laterals	to smaller meter	\$3,448

D. RELOCATING AN EXISTING SERVICE

- To relocate an existing service perpendicular to the curb line or a distance not exceeding five feet parallel to the curb line, a charge will be \$2,710.
- To transfer service or to relocate an existing service a distance exceeding five feet parallel to the curb line, a charge will be made in accordance with Section A – Installing a Service plus the cost of eliminating old service connection.



SCHEDULE D – WATER SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/23

E. RESETTING OR REPLACING A METER

There will be a charge equivalent to 5.0 percent of the water service installation charge for resetting a meter on an existing service connection.

There will be a charge equivalent to 5.0 percent of the water service installation charge for replacing a meter when applicants lose or damage meters when constructing new developments.

F. CONVERSION OF INDIVIDUAL SERVICE TO BRANCH SERVICE AND CONVERSION OF BRANCH SERVICE TO INDIVIDUAL SERVICE

(Multi-metering, when feasible)

Branch Conversion \$2,492 for two meter conversion, \$658 for each additional meter
(Additional charge of \$600 if concrete replacement is required)

G. SERVICE ELIMINATIONS

3/4" to 2" \$2,492 (Additional charge of \$600 if concrete replacement required)

3" to 12" \$4,354 (Additional charge of \$600 if concrete replacement required)

H. INSTALLATION OR OTHER WORK UNDER UNUSUAL CONDITIONS

The above charges apply to installation charges for water services four inches and smaller except where there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street utility congestions, known potential for archeological or paleontological resources, contaminated soils, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including but not limited to added testing and inspection, changes due to project revisions, property rights evaluation, and/or clean soil utility corridor establishment, and any construction by District forces to complete the installation. In such cases, the charge or credit will be based on the District's actual cost of all engineering, material, equipment, labor, and related overhead expenses incidental to the installation.

Schedule E

Private Fire Service Installation Charges

FY 2024



SCHEDULE E – PRIVATE FIRE SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/2022

Requests for the installation of a private fire service must comply with all applicable District Regulations Governing Water Service.

A. INSTALLING A PRIVATE FIRE SERVICE

The charge for installing a private fire service (fire service meter, lateral, and other appurtenances necessary to support a property’s fire sprinkler system) will be in accordance with the following schedule:

METER SIZE	INSTALLED IN PAVED CONDITIONS ¹	INSTALLED IN UNPAVED CONDITIONS ²
4"	\$28,729 <u>\$30,496</u>	\$18,136 <u>\$19,000</u>
6"	29,534 <u>33,162</u>	18,941 <u>21,666</u>
8"	29,534 <u>33,162</u>	18,941 <u>21,666</u>

The typical private fire service installation will require a meter that is 4” or larger. Cost to install a meter smaller than 4” is shown in Schedule D – Water Service Installation Charges, Section A.1 – Installing a Service, Meters Smaller Than Four Inches.

Cost to install a meter 10” and larger will be determined by the District based on an actual cost basis.

B. INSTALLATION UNDER UNUSUAL CONDITIONS

The above charges apply to all installation charges for private fire services except when there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street utility congestion, known potential for archaeological or paleontological resources, contaminated soils, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including but not limited to added testing and inspection, changes due to project revisions, property rights evaluation, site conditions or contaminated soil, and/or clean soil utility corridor establishment, and any construction by District forces to complete the installation. In such cases, the charge or credit will be based on the District’s actual cost of all engineering, material, equipment, labor, and related overhead expenses incidental to the installation.

¹ Paved conditions are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist.

² Unpaved conditions are limited to conditions where paving has not previously existed and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final lift.



SCHEDULE E – PRIVATE FIRE SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/23

Requests for the installation of a private fire service must comply with all applicable District Regulations Governing Water Service.

A. INSTALLING A PRIVATE FIRE SERVICE

The charge for installing a private fire service (fire service meter, lateral, and other appurtenances necessary to support a property’s fire sprinkler system) will be in accordance with the following schedule:

METER SIZE	INSTALLED IN PAVED CONDITIONS ¹	INSTALLED IN UNPAVED CONDITIONS ²
4”	\$30,496	\$19,000
6”	33,162	21,666
8”	33,162	21,666

The typical private fire service installation will require a meter that is 4” or larger. Cost to install a meter smaller than 4” is shown in Schedule D – Water Service Installation Charges, Section A.1 – Installing a Service, Meters Smaller Than Four Inches.

Cost to install a meter 10” and larger will be determined by the District based on an actual cost basis.

B. INSTALLATION UNDER UNUSUAL CONDITIONS

The above charges apply to all installation charges for private fire services except when there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street utility congestion, known potential for archaeological or paleontological resources, contaminated soils, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including but not limited to added testing and inspection, changes due to project revisions, property rights evaluation, site conditions or contaminated soil, and/or clean soil utility corridor establishment, and any construction by District forces to complete the installation. In such cases, the charge or credit will be based on the District’s actual cost of all engineering, material, equipment, labor, and related overhead expenses incidental to the installation.

¹ Paved conditions are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist.

² Unpaved conditions are limited to conditions where paving has not previously existed and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final lift.

Schedule F

Public Fire Hydrant Installation Charges

FY 2024



SCHEDULE F – PUBLIC FIRE HYDRANT INSTALLATION CHARGES

EFFECTIVE 07/01/23~~2~~

Requests for the installation, removal, or relocation of a fire hydrant must comply with all applicable District Regulations Governing Water Service.

The following charges will be made for the installation, removal, or relocation of a fire hydrant.

A. HYDRANT INSTALLATION BY THE DISTRICT

The charge for installation of a fire hydrant by the District on an existing main or on/with new mains is \$~~29,346~~32,517 in paved¹ and \$~~18,594~~21,021 unpaved² conditions.

For hydrants installed by applicant on/with new mains installed by the Applicant see Section B below.

B. HYDRANT INSTALLATIONS BY APPLICANT ON APPLICANT-INSTALLED MAIN EXTENSIONS

- 1. Basic charge for materials and handling for 6-inch fire hydrant \$~~4,523~~4,920
- 2. Material charge for services laterals \$21 per foot

NOTE: Applicants will not be permitted to install a fire hydrant on an existing main.

C. HYDRANT REMOVAL

- 1. The charge to remove a hydrant located in paved¹ sidewalk \$~~4,039~~4,354
- 2. The charge to remove a hydrant located in unpaved² surface \$~~2,493~~2,690

D. RELOCATION OF A FIRE HYDRANT

The charge for the relocation of a hydrant will be the charge for the hydrant removal (Section C) plus the charge for the installation of a new hydrant (Section A).

E. SETBACK/OFFSET OF A FIRE HYDRANT

Where the relocation of a fire hydrant does not require a new connection to the main, the charge is \$~~9,620~~10,874. There is an additional charge of \$600 for concrete replacement.

F. REPLACEMENT OF A HYDRANT BODY

To replace an existing hydrant with a MODEL-64 hydrant body or equivalent on a wet barrel, above ground shutoff type hydrant, the replacement charge is \$~~1,812~~1,858

¹ Paved conditions are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist.

² Unpaved conditions are limited to conditions where paving has not previously existed and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final list.



SCHEDULE F – PUBLIC FIRE HYDRANT INSTALLATION CHARGES

EFFECTIVE 07/01/23~~2~~

G. INSTALLATION UNDER UNUSUAL CONDITIONS

The above charges apply to all installation charges for fire hydrant installations except when there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street utility congestion, known potential for archaeological or paleontological resources, contaminated soils, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including but not limited to added testing and inspection, changes due to project revisions, property rights evaluation, and/or clean soil utility corridor establishment, site conditions or contaminated soil, and any construction by District forces to complete the installation. In such cases, the charge or credit will be based on the District's actual cost of all engineering, material, equipment, labor, and related expenses incidental to the installation.



SCHEDULE F – PUBLIC FIRE HYDRANT INSTALLATION CHARGES

EFFECTIVE 07/01/23

Requests for the installation, removal, or relocation of a fire hydrant must comply with all applicable District Regulations Governing Water Service.

The following charges will be made for the installation, removal, or relocation of a fire hydrant.

A. HYDRANT INSTALLATION BY THE DISTRICT

The charge for installation of a fire hydrant by the District on an existing main or on/with new mains is \$32,517 in paved¹ and \$21,021 unpaved² conditions.

For hydrants installed by applicant on/with new mains installed by the Applicant see Section B below.

B. HYDRANT INSTALLATIONS BY APPLICANT ON APPLICANT-INSTALLED MAIN EXTENSIONS

- | | |
|--|---------------|
| 1. Basic charge for materials and handling for 6-inch fire hydrant | \$4,920 |
| 2. Material charge for services laterals | \$21 per foot |

NOTE: Applicants will not be permitted to install a fire hydrant on an existing main.

C. HYDRANT REMOVAL

- | | |
|---|---------|
| 1. The charge to remove a hydrant located in paved ¹ sidewalk | \$4,354 |
| 2. The charge to remove a hydrant located in unpaved ² surface | \$2,690 |

D. RELOCATION OF A FIRE HYDRANT

The charge for the relocation of a hydrant will be the charge for the hydrant removal (Section C) plus the charge for the installation of a new hydrant (Section A).

E. SETBACK/OFFSET OF A FIRE HYDRANT

Where the relocation of a fire hydrant does not require a new connection to the main, the charge is \$10,874. There is an additional charge of \$600 for concrete replacement.

F. REPLACEMENT OF A HYDRANT BODY

To replace an existing hydrant with a MODEL-64 hydrant body or equivalent on a wet barrel, above ground shutoff type hydrant, the replacement charge is \$1,858

¹ Paved conditions are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist.

² Unpaved conditions are limited to conditions where paving has not previously existed and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final list.



SCHEDULE F – PUBLIC FIRE HYDRANT INSTALLATION CHARGES

EFFECTIVE 07/01/23

G. INSTALLATION UNDER UNUSUAL CONDITIONS

The above charges apply to all installation charges for fire hydrant installations except when there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street utility congestion, known potential for archaeological or paleontological resources, contaminated soils, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including but not limited to added testing and inspection, changes due to project revisions, property rights evaluation, and/or clean soil utility corridor establishment, site conditions or contaminated soil, and any construction by District forces to complete the installation. In such cases, the charge or credit will be based on the District's actual cost of all engineering, material, equipment, labor, and related expenses incidental to the installation.

Schedule G

Water Main Extension Charges

FY 2024



SCHEDULE G – WATER MAIN EXTENSION CHARGES

EFFECTIVE 07/01/23~~2~~

Requests for the installation of a water main extension must comply with all applicable District Regulations Governing Water Service.

A. DISTRICT-INSTALLED MAINS

The charge for District-installed main extensions up to 1,000 feet shall be based on the standard charges as specified below.

1. Charge for engineering, inspection, pipeline materials and appurtenances, and installation of the required mains by the District in unpaved streets and in paved streets, excluding fire hydrants and water service connections (which are covered by Schedules D, E, and F) consists of:

- a. Basic installation charge of \$~~4,336~~4,654
plus,

Linear foot charge, for combined length of main extension of 0 to 1,000 feet:

In unpaved streets¹

2-inch PVC pipe	\$ 219 <u>245</u> per foot
2-inch Copper pipe	255 <u>286</u> per foot
6-inch/8-inch PVC or HDPE pipe	345 <u>388</u> per foot
6-inch/8-inch Ductile Iron pipe	376 <u>422</u> per foot
6-inch/8-inch Steel pipe	395 <u>443</u> per foot
12-inch HDPE pipe	485 <u>545</u> per foot
12-inch Steel pipe	535 <u>600</u> per foot

In paved streets²

2-inch PVC pipe	\$ 359 <u>402</u> per foot
2-inch Copper pipe	394 <u>442</u> per foot
6-inch/8-inch PVC or HDPE pipe	474 <u>532</u> per foot
6-inch/8-inch Ductile Iron pipe	505 <u>567</u> per foot
6-inch/8-inch Steel pipe	524 <u>588</u> per foot
12-inch HDPE pipe	616 <u>692</u> per foot
12-inch Steel pipe	666 <u>747</u> per foot

- b. The above charges apply to all District-installed mains except when there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street utility congestion, known potential for archaeological or paleontological resources, contaminated soils, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including but not limited to hydraulic analysis, property rights

¹ Unpaved streets are limited to conditions where paving has not previously existed and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final lift.

² Paved streets are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist



SCHEDULE G – WATER MAIN EXTENSION CHARGES

EFFECTIVE 07/01/23~~2~~

evaluation, and/or clean soil utility corridor establishment. In such cases, the additional charge will be based on the District’s actual cost of all engineering, material, equipment, labor, and related overhead expenses incidental to the installation.

2. Charges for Pipe Greater than 12-Inches

Charges for District-installed mains greater than 12-inches will be based on a District engineering cost estimate.

B. APPLICANT-INSTALLED MAINS

The charge for Applicant-installed main extensions over 1,000 feet shall be based on the following standard charges:

1. Charge for engineering, inspection, and certain pipeline materials, designated below for the installation of the required water mains by the applicant, excluding fire hydrants and water service connections (which are covered by Schedules D, E, and F) consists of:

a. Basic installation charge of ~~\$4,336~~4,654 plus

Linear foot charge of:

6-inch/8-inch diameter pipe	\$6165 per foot
12-inch diameter pipe	\$7277 per foot
16-inch and larger diameter pipe	See B, 3 below

b. The charge to the applicant for District-supplied pipe and fittings (which include valves, valve pot covers, blowoffs, and minor appurtenances as identified by District-furnished drawings and specifications) will be the District’s cost for these materials including tax and shipping.

c. The above charges apply to all Applicant-installed mains except when there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street congestion, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including added testing and inspection, changes due to project revisions, property rights evaluation, site conditions or contaminated soil, and any construction by District forces to complete the installation. In such cases, the additional charge will be based on the District’s actual cost of all engineering, material, equipment, labor, and related overhead expenses incidental to the installation.

In all cases the District will supply valves, valve pot covers, blowoffs, and minor appurtenances as identified by District-furnished drawings and specifications.



SCHEDULE G – WATER MAIN EXTENSION CHARGES

EFFECTIVE 07/01/23~~2~~

2. Credits (where applicable) when pipe to be installed by the applicant is required by the District to be larger than the pipe size needed to serve the applicant or when applicant installs District improvements in conjunction with applicant-installed main extensions will be based on a District engineering cost estimate.

3. Charges for Pipe Greater than 12-Inches

Charges for Applicant-installed mains greater than 12-inches will be based on a District engineering cost estimate.



SCHEDULE G – WATER MAIN EXTENSION CHARGES

EFFECTIVE 07/01/23

Requests for the installation of a water main extension must comply with all applicable District Regulations Governing Water Service.

A. DISTRICT-INSTALLED MAINS

The charge for District-installed main extensions up to 1,000 feet shall be based on the standard charges as specified below.

1. Charge for engineering, inspection, pipeline materials and appurtenances, and installation of the required mains by the District in unpaved streets and in paved streets, excluding fire hydrants and water service connections (which are covered by Schedules D, E, and F) consists of:

- a. Basic installation charge of \$4,654
plus,

Linear foot charge, for combined length of main extension of 0 to 1,000 feet:

In unpaved streets ¹	
2-inch PVC pipe	\$245 per foot
2-inch Copper pipe	286 per foot
6-inch/8-inch PVC or HDPE pipe	388 per foot
6-inch/8-inch Ductile Iron pipe	422 per foot
6-inch/8-inch Steel pipe	443 per foot
12-inch HDPE pipe	545 per foot
12-inch Steel pipe	600 per foot
In paved streets ²	
2-inch PVC pipe	\$402 per foot
2-inch Copper pipe	442 per foot
6-inch/8-inch PVC or HDPE pipe	532 per foot
6-inch/8-inch Ductile Iron pipe	567 per foot
6-inch/8-inch Steel pipe	588 per foot
12-inch HDPE pipe	692 per foot
12-inch Steel pipe	747 per foot

- b. The above charges apply to all District-installed mains except when there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street utility congestion, known potential for archaeological or paleontological resources, contaminated soils, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including but not limited to hydraulic analysis, property rights

¹ Unpaved streets are limited to conditions where paving has not previously existed and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final lift.

² Paved streets are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist



SCHEDULE G – WATER MAIN EXTENSION CHARGES

EFFECTIVE 07/01/23

evaluation, and/or clean soil utility corridor establishment. In such cases, the additional charge will be based on the District’s actual cost of all engineering, material, equipment, labor, and related overhead expenses incidental to the installation.

2. Charges for Pipe Greater than 12-Inches

Charges for District-installed mains greater than 12-inches will be based on a District engineering cost estimate.

B. APPLICANT-INSTALLED MAINS

The charge for Applicant-installed main extensions over 1,000 feet shall be based on the following standard charges:

1. Charge for engineering, inspection, and certain pipeline materials, designated below for the installation of the required water mains by the applicant, excluding fire hydrants and water service connections (which are covered by Schedules D, E, and F) consists of:

a. Basic installation charge of \$4,654 plus

Linear foot charge of:

6-inch/8-inch diameter pipe	\$65 per foot
12-inch diameter pipe	\$77 per foot
16-inch and larger diameter pipe	See B, 3 below

b. The charge to the applicant for District-supplied pipe and fittings (which include valves, valve pot covers, blowoffs, and minor appurtenances as identified by District-furnished drawings and specifications) will be the District’s cost for these materials including tax and shipping.

c. The above charges apply to all Applicant-installed mains except when there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street congestion, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including added testing and inspection, changes due to project revisions, property rights evaluation, site conditions or contaminated soil, and any construction by District forces to complete the installation. In such cases, the additional charge will be based on the District’s actual cost of all engineering, material, equipment, labor, and related overhead expenses incidental to the installation.

In all cases the District will supply valves, valve pot covers, blowoffs, and minor appurtenances as identified by District-furnished drawings and specifications.



SCHEDULE G – WATER MAIN EXTENSION CHARGES

EFFECTIVE 07/01/23

2. Credits (where applicable) when pipe to be installed by the applicant is required by the District to be larger than the pipe size needed to serve the applicant or when applicant installs District improvements in conjunction with applicant-installed main extensions will be based on a District engineering cost estimate.

3. Charges for Pipe Greater than 12-Inches

Charges for Applicant-installed mains greater than 12-inches will be based on a District engineering cost estimate.

Schedule H

Standard Participation Charge (SPC)

FY 2024



SCHEDULE H – STANDARD PARTICIPATION CHARGE (SPC)

EFFECTIVE 07/01/23~~2~~

A. The Standard Participation Charge for each standard service installed shall be:

Meter Size	Gravity Zone ¹	Pumped Zone ²
5/8" and 3/4"	\$4,220 <u>\$4,540</u>	\$6,670 <u>\$7,110</u>
1"	40,550 <u>11,340</u>	16,690 <u>17,780</u>
1-1/2"	21,100 <u>22,700</u>	33,400 <u>35,600</u>
2"	33,700 <u>36,300</u>	53,400 <u>56,900</u>
3"	67,500 <u>72,600</u>	106,800 <u>113,800</u>
4"	105,500 <u>113,400</u>	166,900 <u>177,800</u>

The Standard Participation Charge for each meter larger than four inches shall be determined on a case-by-case basis by the District, considering such factors as the projected demand which the service would impose on the District system, the maximum intermittent flow rate of the meter compared to a 5/8" meter, and whether the service is solely domestic or is combined with a fire service. In no event shall the standard participation charge for a meter larger than four inches be less than \$~~105,500~~113,400 in gravity zones or \$~~166,900~~177,800 in pumped zones.

¹ This charge covers general water main oversizing and future water supply.

² This charge covers major facilities capacity, water main oversizing and future water supply.



SCHEDULE H – STANDARD PARTICIPATION CHARGE (SPC)

EFFECTIVE 07/01/23

A. The Standard Participation Charge for each standard service installed shall be:

Meter Size	Gravity Zone ¹	Pumped Zone ²
5/8" and 3/4"	\$4,540	\$7,110
1"	11,340	17,780
1-1/2"	22,700	35,600
2"	36,300	56,900
3"	72,600	113,800
4"	113,400	177,800

The Standard Participation Charge for each meter larger than four inches shall be determined on a case-by-case basis by the District, considering such factors as the projected demand which the service would impose on the District system, the maximum intermittent flow rate of the meter compared to a 5/8" meter, and whether the service is solely domestic or is combined with a fire service. In no event shall the standard participation charge for a meter larger than four inches be less than \$113,400 in gravity zones or \$177,800 in pumped zones.

¹ This charge covers general water main oversizing and future water supply.

² This charge covers major facilities capacity, water main oversizing and future water supply.

Schedule J

System Capacity Charge (SCC)

FY 2024



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23~~2~~

A. SCC FOR STANDARD SERVICE¹

The SCC is calculated based on the applicant’s projected average annual demand.

1. Non-Residential Service Connections SCC² for meters up to 1-1/2 inches (dollars per connection)

METER SIZE (INCHES)	REGION ³					
	1	2	3	3	3	3
5/8	\$15,840	<u>\$17,200</u>	\$30,860	<u>\$33,310</u>	\$33,890	<u>\$36,740</u>
3/4	25,880	<u>28,100</u>	44,170	<u>47,670</u>	51,870	<u>56,240</u>
1	49,250	<u>53,480</u>	79,090	<u>85,360</u>	92,390	<u>100,170</u>
1-1/2	128,440	<u>139,470</u>	224,530	<u>242,320</u>	227,600	<u>246,750</u>

The District reserves the right to request additional information, including specific water use information from the applicant. The District reserves the right to determine the appropriate meter size to serve the applicant’s projected demand needs and assess the SCC using this Section (A)(1). If the District determines that the applicant’s projected average annual demand exceeds 3,200 gallons per day (gpd) for non-residential service connections or that a meter larger than 1-1/2 inches is required to meet the applicant’s projected demand needs, this Section (A)(1) no longer applies. For projected average annual demand exceeding 3,200 gpd for non-residential service connections and/or meters larger than 1-1/2 inches, Section(A)(3) shall be used to determine the SCC based on the applicant’s projected average annual demand and the unit charges set forth therein. The District’s decision regarding the applicable SCC shall be final.

For service connections with meters larger than 1-1/2 inch see Section 3 below.

¹ This charge covers the cost of System-wide Facilities Buy-in, Regional Facilities Buy-in and Future Water Supply.

² The SCC charged to the applicant will be based on the water meter size required to meet the indoor needs (excluding private fire service needs) and outdoor watering needs of the premises as determined solely by the District based on the plumbing code, the District’s review, and water industry standards. The meter(s) that is installed may be larger than the meter size that is used to determine the applicable SCC fee if the service is combined with a private fire service or if a separate irrigation meter is required (See Sections D – Combined Standard and Fire Service and I – Required Separate Irrigation Meter for Single Family Premises.

³ REGION	GENERAL DESCRIPTION
1	Central Area (gravity zones West-of-Hills) El Sobrante and North (pumped zones)
2	South of El Sobrante to vicinity of Highway 24 (pumped zone) South from vicinity of Highway 24 (pumped zones) Castro Valley Area (pumped zones) North Oakland Hill Area (pumped zones, formerly 4A)
3	Orinda-Moraga-Lafayette Area (pumped zones) San Ramon Valley and Walnut Creek (pumped and gravity zones)



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23~~2~~

2. Single Family Service Connections SCC² with typical use demand patterns that can be served by meters up to 1-1/2 inches (dollars per connection)

METER SIZE (INCHES)	REGION ³					
	1	2	3	4	5	6
3/4	\$12,230	<u>\$13,280</u>	\$19,400	<u>\$20,940</u>	\$36,100	<u>\$39,140</u>
1	17,380	<u>18,880</u>	41,580	<u>44,870</u>	55,260	<u>59,910</u>
1-1/2	22,210	<u>24,120</u>	53,590	<u>57,840</u>	71,100	<u>77,080</u>

The District reserves the right to request additional information, including specific water use information, from the applicant. The District reserves the right to determine the appropriate meter size to serve the applicants projected demand needs and assess the SCC using this Section (A)(2).

Where two or more single family dwelling units are located on one premises the District shall determine the appropriate meter size for each single-family dwelling individually and determine the SCC in for each dwelling in accordance with Section (A)(2).

For service connections with larger meters or greater than 1,940 gpd projected average annual demand for single family residential service, Section(A)(3) shall be used to determine the SCC based on the applicant’s projected average annual demand and the unit charges set forth therein. The District’s decision regarding the applicable SCC shall be final.

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, installation fees and capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23~~2~~

3. SCC for Larger Meters

The SCC for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the same unit charge and criteria as apply to the SCC for smaller meters. The SCC will be calculated based on the unit charges for each of the four components listed below:

Component	Unit Charge (\$/100 gpd)
Post-2000 (Add'l Regions 3C & 3D only)	SCC Region Specific
Regional Facilities Buy-in	SCC Region Specific
System-wide Facilities Buy-in	\$3,665 <u>4,025</u>
Future Water Supply ⁴	943 <u>1,017</u>

The unit charges for the components that are specific to a SCC Region are:

Region	Post-2000 Component	Regional Facilities Buy-In Component
1	n/a	\$1,830 <u>1,949</u>
2	n/a	4,632 <u>4,930</u>
3	n/a	2,760 <u>2,946</u>
3C	\$7,353 <u>7,610</u>	2,263 <u>2,462</u>
3D	7,353 <u>7,610</u>	2,263 <u>2,462</u>

In no instance will the SCC for a meter larger than 1-1/2 inches be less than the 1-1/2 inch price from the appropriate Section 1 or 2, above.

The SCC, rounded to the nearest hundred dollars, will be determined by multiplying the sum of the unit charge of the four components by the water use information furnished by the applicant, rounded to three significant places.

If the District has determined, based on water use information furnished by the applicant, that a meter size larger than 1-1/2 inches is required to meet the applicant's projected demand needs or if the projected average annual demand exceeds 3,200 gpd (non-residential) or 1,940 gpd (single family residential), the SCC shall be calculated pursuant to this subdivision irrespective of the arrangement of water metering or meter size at the premises.

⁴ The Future Water Supply component for Region 3C is based on 1993 agreement (see Section B1).



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23~~2~~

4. SCC for Standard Service to Multi-Family Premises

The System Capacity Charge for water service at multi-family premises shall be as listed below. For purposes of this Schedule J, “multi-family premises” shall mean premises with two or more attached or separate residential dwelling units, rental or owner-occupied, which is determined by the District to be a single premises for receiving water service.

	Multi-Family Premises					
	Dollars per Dwelling Unit (DU)					
	REGION ⁵					
	1	2	3			
For Dwelling Units Over 500 square feet	\$7,730	\$8,390	\$11,090	<u>\$11,970</u>	\$8,840	<u>\$9,590</u>
For Dwelling Units 500 square feet and under ⁶	6,120	6,640	8,780	<u>9,470</u>	7,000	<u>7,590</u>

The above SCC shall apply regardless of the arrangement of water metering or meter size at the premises; however, the District may limit the size and number of service connections to a combined capacity appropriate to the anticipated water use at the premises. No additional SCC shall be applicable ~~for separate meters installed~~ to provide irrigation for landscaping on the premises for landscape areas up to 5,000 square feet. All other rates and charges shall be based on actual number and size of meters and does not apply to the requirements listed below.

An SCC shall be applicable for separate meters installed to serve landscape areas greater than 5,000 square feet and for other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, golf courses, community clubhouse and recreational facilities, and areas designated for public use. The SCC shall be based on meter size as provided under A.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable SCC, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, installation fees and capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.

⁵ Same regions as described in A.2.

⁶ The applicant must submit sufficient documentation, as determined by the District, from the local building department that shows the dwelling unit living space square footage is 500 square feet or less for any dwelling unit to qualify for the 500 and under square foot MFR SCC. Documentation can be approved architectural drawings or other approved records of the dwelling unit living space.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23~~2~~

B. SEPARATE SCC FOR STANDARD SERVICE FOR ADDITIONAL REGIONS⁷

The System Capacity Charge for non-residential and single family residential water service at premises other than multi-family premises shall be as follows (dollars per connection):

1. Non-residential water service at premises other than multi-family premises shall be as follows (dollars per connections)

METER SIZE (INCHES)	ADDITIONAL REGION ⁸	
	3C ⁹	3-D
5/8	n/a	\$ 110,230 <u>117,130</u>
3/4	n/a	165,350 <u>175,700</u>
1	n/a	276,130 <u>293,420</u>
1-1/2	n/a	552,260 <u>586,840</u>

For service connections with larger meters see Section 3 below.

2. Single-family service connections shall be as follows (dollars per connections)

METER SIZE (INCHES)	ADDITIONAL REGION ⁷		
	3C ⁸	3-D	3-D
3/4	\$108,310 <u>\$114,980</u>	\$110,230 <u>\$117,130</u>	\$110,230 <u>\$117,130</u>
1	180,880 <u>192,020</u>	184,080 <u>195,610</u>	184,080 <u>195,610</u>
1-1/2	361,760 <u>384,040</u>	368,160 <u>391,220</u>	368,160 <u>391,220</u>

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, installation fees and capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.

For service connections with larger meters see Section 3 below.

⁷ This charge covers the cost of System-wide Facilities Buy-In, Regional Facilities Buy-In and Future Water Supply. The Additional Regions are low-density, residential in nature. It is not anticipated that meters larger than 3/4-inch (excluding fire flow requirements) will be installed in these Regions.

⁸ ADDITIONAL REGION	GENERAL DESCRIPTION
3-C	South of Norris Canyon Road (pumped zones)
3-D	South of Norris Canyon Road outside Wiedemann Ranch (pumped zone)

⁹ The Future Water Supply component of the SCC for Region 3C is set by the July 20, 1993 Wiedemann Agreement, indexed to the U.S. City Average of the Consumer Price Index and used by EBMUD to fund conservation programs. The total Future Water Supply component of the SCC for the common areas in Region 3C shall be paid as a condition for the issuance of the first water meter for the common area. The SCC for non-residential services (e.g., common area irrigation) shall be uniquely calculated in accordance with the Wiedemann Agreement.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23~~2~~

3. SCC for Larger Meters

The SCC for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the same cost components and criteria as apply to the SCC for smaller meters. (See Section A.3)

4. Separate SCC for Standard Service to Multi-Family Premises

The SCC for water service at multi-family premises shall be as listed below. For purposes of this Schedule J, “multi-family premises” shall mean premises with two or more attached or separate residential dwelling units, rental or owner-occupied, which is determined by the District to be a single premises for receiving water service.

Multi-Family Premises Dollars per Dwelling Unit				
ADDITIONAL REGIONS ¹⁰				
	3-C	3-D		
For each Dwelling Unit	\$41,790	<u>\$44,360</u>	\$38,690	<u>\$41,110</u>

The above SCC shall apply regardless of the arrangement of water metering or meter size at the premises; however, the District may limit the size and number of service connections to a combined capacity appropriate to the anticipated water use at the premises. No additional SCC shall be applicable for separate meters installed to provide irrigation for landscaping on the premises for landscape areas up to 5,000 square feet. All other rates and charges shall be based on actual number and size of meters and do not apply to the requirements listed below.

An SCC shall be applicable for separate meters installed to serve landscape areas greater than 5,000 square feet and for other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, golf courses, community clubhouse and recreational facilities, and areas designated for public use. The SCC shall be based on meter size as provided under B.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable SCC, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, installation fees and capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.

¹⁰ Same regions as described in B.1.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23²

C. LOW-PRESSURE SERVICE

Where a larger meter is installed because of low-pressure conditions, the applicable System Capacity Charge shall be determined on the basis of the size of the meter which would be required for a standard service as determined by the District based on plumbing code and water industry standards. All other rates and charges shall be based on actual meter size.

D. COMBINATION STANDARD AND FIRE SERVICE

Where a meter is installed to provide both standard service and a supply to a private fire protection system, at other than multi-family premises, the applicable System Capacity Charge shall be based on the meter size required for standard service exclusive of the capacity for supplying the fire protection system as determined by the District based on plumbing code, fire protection code and water industry standards. The installation charges shown in Schedule D and all other rates and charges pertaining to the service shall be based on the actual size of the meter that is installed.

E. FIRE SERVICES AND STANDBY SERVICES

For fire services and standby services (additional service connections for security of supply), there shall be no System Capacity Charges.

F. ADDITIONAL WATER USE ON PREMISES RECEIVING SERVICE

The System Capacity Charge applicable to enlargement of an existing service at other than multi-family premises shall be based on the difference in SCC for the new service size and the existing service size.

If additional dwelling units are constructed on premises subsequent to the installation of service and payment of an SCC under B.1, then the SCC applicable to each additional dwelling unit shall be immediately due and payable.

G. CREDIT FOR EXISTING SERVICES

Where one or more new services will replace one or more existing or prior services to a premises where an SCC was paid to initiate the water service, a credit will be given toward the new SCC based on the customer classification, meter size or water use information that was used to calculate the initial SCC payment (see Section A – SCC for Standard Service). For instances where the existing or prior services were installed prior to 1983 and no SCC was paid, the SCC credit for meter sizes under 2" will be based on Sections A.1 and A.2 – SCC for Standard Service. For existing or prior services with meter sizes 2" and greater where no SCC was paid, the annual average of the past ten years of water consumption will be used to determine the SCC credit, but in no instance will the credit be less than that of a 1.5" meter size for the customer classification listed in Sections A.1 and A.2 – SCC for Standard Service. No SCC credit will be given unless prior service to the premises is verified. If the SCC is paid with the service connection to be completed by meter installation at a later date, and existing service(s) are to remain in service until that time, the applicable credit for the existing service(s) will be in the form of a refund when the existing services are removed.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23~~2~~

The SCC credit cannot be applied to a standby meter, fire service meter, or in the case of a combination standard and fire service meter, the portion of the meter oversized for the private fire protection system. Where the initial SCC payment was made under Schedule J Section I – Required Separate Irrigation Meter for Single Family Premises, the SCC credit cannot be applied to the separate irrigation meter without a SCC credit on the residential meter. The SCC credit for an existing service can only be applied to the premises where the existing service is located. “Premises” is defined in Section 1 of the District’s Regulations Governing Water Service.

For a common area meters installed under the July 20, 1993 Wiedemann Agreement, credit toward a new SCC for these meters will be based on the actual SCC payment for each meter installed, not based on the size of the existing meter.

H. TEMPORARY CONSTRUCTION SERVICE

A System Capacity Charge paid on a temporary construction service will be refunded if said service is removed within a 1-year period after installation.

I. REQUIRED SEPARATE IRRIGATION METER FOR SINGLE FAMILY PREMISES

If an irrigation meter is required for a single-family premises because the landscape exceeds the threshold for a dedicated irrigation meter in Section 31 of the Regulations, two meters will be installed – one for the indoor and private fire service (if applicable) needs of the building and a separate meter dedicated for irrigation. One single-family premises SCC shall be applicable based on the hydraulic capacity needed to serve the irrigation and indoor needs. The hydraulic capacity of the installed meter or meters will be equal to or exceed the hydraulic of the meter size that was charged in the SCC fee. The installation charges shown in Schedule D and all other rates and charges pertaining to the service(s) based on the actual size of the meter(s) that are installed shall apply.

J. NONPOTABLE WATER SERVICE

1. Nonpotable Water Service Connections (dollars per connection)

METER SIZE (INCHES)	REGION		
	1	2	3
5/8	\$2,320 <u>\$2,500</u>	\$3,150 <u>\$3,400</u>	\$4,340 <u>\$4,680</u>
3/4	3,790 <u>4,090</u>	4,510 <u>4,860</u>	6,640 <u>7,160</u>
1	7,210 <u>7,780</u>	8,070 <u>8,710</u>	11,830 <u>12,750</u>
1-1/2	18,810 <u>20,290</u>	22,910 <u>24,710</u>	29,130 <u>31,420</u>

All SCC for nonpotable water service connections with meters larger than 1-1/2 inches shall be determined by applying the Future Water Supply Component unit charge to the defined



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23~~2~~

projected water demand approved by the District. The SCC will not be less than the 1-1/2 inch meter charge from Section J.1 above.

K. DUAL STANDARD SERVICES

An SCC shall be applicable for separate meters installed to provide dual (potable and nonpotable) standard service, based on the meter size(s) for each service.

L. ADJUSTMENT OF SCC FOR WATER-CONSERVING LANDSCAPING ON PUBLICLY OWNED PROPERTY

To further encourage water conservation, the SCC for a water service connection exclusively for irrigation of landscaping on property owned by a public agency may be reduced or not required based on long-term water service needs after an initial planting establishment period of not more than three years (the “initial period”); provided that (1) the landscape plan incorporates drought-tolerant and other low-water-use planting materials on a major part of the landscaped area, and (2) the long-term water need would result in replacement of the initial water meter with a smaller meter or water service would be discontinued and removed at the end of the initial period, as solely determined by the District.

A public agency applying for water service under such conditions shall submit a written request to the District prior to the time of payment of the SCC. The request shall set forth in detail the facts supporting an adjustment of the SCC, shall include information and plans clearly describing the planting materials and irrigation system, and shall include data and calculations clearly demonstrating the estimated initial and long-term water needs.

If the District determines that the SCC can be based on a smaller meter or discontinuation of service after the initial period, the public agency shall enter into a water service agreement which provided for (1) payment of the reduced SCC prior to installation of service; (2) verification of the long-term need at the end of the period; and (3) payment of the additional SCC required if the initial meter is not to be replaced, or the replacement meter is larger than initially determined, or water service is not discontinued and removed. If additional SCC payment is required, it shall be based on the charges in effect at the time of initial SCC payment, and shall be due and payable within 30 days of written notice from the District. The agreement shall be binding upon all subsequent owners of the property and shall be recorded.

Installation charges for the service connection shall be based on the meter size initially installed.

The above-mentioned SCC adjustments do not apply to nonpotable water service accounts.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23

A. SCC FOR STANDARD SERVICE¹

The SCC is calculated based on the applicant’s projected average annual demand.

1. Non-Residential Service Connections SCC² for meters up to 1-1/2 inches (dollars per connection)

METER SIZE (INCHES)	REGION ³		
	1	2	3
5/8	\$17,200	\$33,310	\$36,740
3/4	28,100	47,670	56,240
1	53,480	85,360	100,170
1-1/2	139,470	242,320	246,750

The District reserves the right to request additional information, including specific water use information from the applicant. The District reserves the right to determine the appropriate meter size to serve the applicant’s projected demand needs and assess the SCC using this Section (A)(1). If the District determines that the applicant’s projected average annual demand exceeds 3,200 gallons per day (gpd) for non-residential service connections or that a meter larger than 1-1/2 inches is required to meet the applicant’s projected demand needs, this Section (A)(1) no longer applies. For projected average annual demand exceeding 3,200 gpd for non-residential service connections and/or meters larger than 1-1/2 inches, Section(A)(3) shall be used to determine the SCC based on the applicant’s projected average annual demand and the unit charges set forth therein. The District’s decision regarding the applicable SCC shall be final.

For service connections with meters larger than 1-1/2 inch see Section 3 below.

¹ This charge covers the cost of System-wide Facilities Buy-in, Regional Facilities Buy-in and Future Water Supply.

² The SCC charged to the applicant will be based on the water meter size required to meet the indoor needs (excluding private fire service needs) and outdoor watering needs of the premises as determined solely by the District based on the plumbing code, the District’s review, and water industry standards. The meter(s) that is installed may be larger than the meter size that is used to determine the applicable SCC fee if the service is combined with a private fire service or if a separate irrigation meter is required (See Sections D – Combined Standard and Fire Service and I – Required Separate Irrigation Meter for Single Family Premises).

³ REGION	GENERAL DESCRIPTION
1	Central Area (gravity zones West-of-Hills) El Sobrante and North (pumped zones)
2	South of El Sobrante to vicinity of Highway 24 (pumped zone) South from vicinity of Highway 24 (pumped zones) Castro Valley Area (pumped zones) North Oakland Hill Area (pumped zones, formerly 4A)
3	Orinda-Moraga-Lafayette Area (pumped zones) San Ramon Valley and Walnut Creek (pumped and gravity zones)



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23

2. Single Family Service Connections SCC² with typical use demand patterns that can be served by meters up to 1-1/2 inches (dollars per connection)

METER SIZE (INCHES)	REGION ³		
	1	2	3
3/4	\$13,280	\$20,940	\$39,140
1	18,880	44,870	59,910
1-1/2	24,120	57,840	77,080

The District reserves the right to request additional information, including specific water use information, from the applicant. The District reserves the right to determine the appropriate meter size to serve the applicants projected demand needs and assess the SCC using this Section (A)(2).

Where two or more single family dwelling units are located on one premises the District shall determine the appropriate meter size for each single-family dwelling individually and determine the SCC in for each dwelling in accordance with Section (A)(2).

For service connections with larger meters or greater than 1,940 gpd projected average annual demand for single family residential service, Section(A)(3) shall be used to determine the SCC based on the applicant’s projected average annual demand and the unit charges set forth therein. The District’s decision regarding the applicable SCC shall be final.

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, installation fees and capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23

3. SCC for Larger Meters

The SCC for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the same unit charge and criteria as apply to the SCC for smaller meters. The SCC will be calculated based on the unit charges for each of the four components listed below:

Component	Unit Charge (\$/100 gpd)
Post-2000 (Add'l Regions 3C & 3D only)	SCC Region Specific
Regional Facilities Buy-in	SCC Region Specific
System-wide Facilities Buy-in	\$4,025
Future Water Supply ⁴	1,017

The unit charges for the components that are specific to a SCC Region are:

Region	Post-2000 Component	Regional Facilities Buy-In Component
1	n/a	\$1,949
2	n/a	4,930
3	n/a	2,946
3C	\$7,610	2,462
3D	7,610	2,462

In no instance will the SCC for a meter larger than 1-1/2 inches be less than the 1-1/2 inch price from the appropriate Section 1 or 2, above.

The SCC, rounded to the nearest hundred dollars, will be determined by multiplying the sum of the unit charge of the four components by the water use information furnished by the applicant, rounded to three significant places.

If the District has determined, based on water use information furnished by the applicant, that a meter size larger than 1-1/2 inches is required to meet the applicant's projected demand needs or if the projected average annual demand exceeds 3,200 gpd (non-residential) or 1,940 gpd (single family residential), the SCC shall be calculated pursuant to this subdivision irrespective of the arrangement of water metering or meter size at the premises.

⁴ The Future Water Supply component for Region 3C is based on 1993 agreement (see Section B1).



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23

4. SCC for Standard Service to Multi-Family Premises

The System Capacity Charge for water service at multi-family premises shall be as listed below. For purposes of this Schedule J, “multi-family premises” shall mean premises with two or more attached or separate residential dwelling units, rental or owner-occupied, which is determined by the District to be a single premises for receiving water service.

	Multi-Family Premises		
	Dollars per Dwelling Unit (DU)		
	REGION ⁵		
	1	2	3
For Dwelling Units Over 500 square feet	\$8,390	\$11,970	\$9,590
For Dwelling Units 500 square feet and under ⁶	6,640	9,470	7,590

The above SCC shall apply regardless of the arrangement of water metering or meter size at the premises; however, the District may limit the size and number of service connections to a combined capacity appropriate to the anticipated water use at the premises. No additional SCC shall be applicable to provide irrigation for landscaping on the premises for landscape areas up to 5,000 square feet. All other rates and charges shall be based on actual number and size of meters and does not apply to the requirements listed below.

An SCC shall be applicable for separate meters installed to serve landscape areas greater than 5,000 square feet and for other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, golf courses, community clubhouse and recreational facilities, and areas designated for public use. The SCC shall be based on meter size as provided under A.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable SCC, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, installation fees and capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.

⁵ Same regions as described in A.2.

⁶ The applicant must submit sufficient documentation, as determined by the District, from the local building department that shows the dwelling unit living space square footage is 500 square feet or less for any dwelling unit to qualify for the 500 and under square foot MFR SCC. Documentation can be approved architectural drawings or other approved records of the dwelling unit living space.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23

B. SEPARATE SCC FOR STANDARD SERVICE FOR ADDITIONAL REGIONS⁷

The System Capacity Charge for non-residential and single family residential water service at premises other than multi-family premises shall be as follows (dollars per connection):

1. Non-residential water service at premises other than multi-family premises shall be as follows (dollars per connections)

METER SIZE (INCHES)	ADDITIONAL REGION ⁸	
	3C ⁹	3-D
5/8	n/a	\$117,130
3/4	n/a	175,700
1	n/a	293,420
1-1/2	n/a	586,840

For service connections with larger meters see Section 3 below.

2. Single-family service connections shall be as follows (dollars per connections)

METER SIZE (INCHES)	ADDITIONAL REGION ⁷	
	3C ⁸	3-D
3/4	\$114,980	\$117,130
1	192,020	195,610
1-1/2	384,040	391,220

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, installation fees and capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.

For service connections with larger meters see Section 3 below.

⁷ This charge covers the cost of System-wide Facilities Buy-In, Regional Facilities Buy-In and Future Water Supply. The Additional Regions are low-density, residential in nature. It is not anticipated that meters larger than 3/4-inch (excluding fire flow requirements) will be installed in these Regions.

⁸ ADDITIONAL REGION	GENERAL DESCRIPTION
3-C	South of Norris Canyon Road (pumped zones)
3-D	South of Norris Canyon Road outside Wiedemann Ranch (pumped zone)

⁹ The Future Water Supply component of the SCC for Region 3C is set by the July 20, 1993 Wiedemann Agreement, indexed to the U.S. City Average of the Consumer Price Index and used by EBMUD to fund conservation programs. The total Future Water Supply component of the SCC for the common areas in Region 3C shall be paid as a condition for the issuance of the first water meter for the common area. The SCC for non-residential services (e.g., common area irrigation) shall be uniquely calculated in accordance with the Wiedemann Agreement.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23

3. SCC for Larger Meters

The SCC for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the same cost components and criteria as apply to the SCC for smaller meters. (See Section A.3)

4. Separate SCC for Standard Service to Multi-Family Premises

The SCC for water service at multi-family premises shall be as listed below. For purposes of this Schedule J, “multi-family premises” shall mean premises with two or more attached or separate residential dwelling units, rental or owner-occupied, which is determined by the District to be a single premises for receiving water service.

	Multi-Family Premises	
	Dollars per Dwelling Unit	
	ADDITIONAL REGIONS ¹⁰	
	3-C	3-D
For each Dwelling Unit	\$44,360	\$41,110

The above SCC shall apply regardless of the arrangement of water metering or meter size at the premises; however, the District may limit the size and number of service connections to a combined capacity appropriate to the anticipated water use at the premises. No additional SCC shall be applicable for separate meters installed to provide irrigation for landscaping on the premises for landscape areas up to 5,000 square feet. All other rates and charges shall be based on actual number and size of meters and do not apply to the requirements listed below.

An SCC shall be applicable for separate meters installed to serve landscape areas greater than 5,000 square feet and for other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, golf courses, community clubhouse and recreational facilities, and areas designated for public use. The SCC shall be based on meter size as provided under B.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable SCC, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, installation fees and capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.

¹⁰ Same regions as described in B.1.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23

C. LOW-PRESSURE SERVICE

Where a larger meter is installed because of low-pressure conditions, the applicable System Capacity Charge shall be determined on the basis of the size of the meter which would be required for a standard service as determined by the District based on plumbing code and water industry standards. All other rates and charges shall be based on actual meter size.

D. COMBINATION STANDARD AND FIRE SERVICE

Where a meter is installed to provide both standard service and a supply to a private fire protection system, at other than multi-family premises, the applicable System Capacity Charge shall be based on the meter size required for standard service exclusive of the capacity for supplying the fire protection system as determined by the District based on plumbing code, fire protection code and water industry standards. The installation charges shown in Schedule D and all other rates and charges pertaining to the service shall be based on the actual size of the meter that is installed.

E. FIRE SERVICES AND STANDBY SERVICES

For fire services and standby services (additional service connections for security of supply), there shall be no System Capacity Charges.

F. ADDITIONAL WATER USE ON PREMISES RECEIVING SERVICE

The System Capacity Charge applicable to enlargement of an existing service at other than multi-family premises shall be based on the difference in SCC for the new service size and the existing service size.

If additional dwelling units are constructed on premises subsequent to the installation of service and payment of an SCC under B.1, then the SCC applicable to each additional dwelling unit shall be immediately due and payable.

G. CREDIT FOR EXISTING SERVICES

Where one or more new services will replace one or more existing or prior services to a premises where an SCC was paid to initiate the water service, a credit will be given toward the new SCC based on the customer classification, meter size or water use information that was used to calculate the initial SCC payment (see Section A – SCC for Standard Service). For instances where the existing or prior services were installed prior to 1983 and no SCC was paid, the SCC credit for meter sizes under 2" will be based on Sections A.1 and A.2 – SCC for Standard Service. For existing or prior services with meter sizes 2" and greater where no SCC was paid, the annual average of the past ten years of water consumption will be used to determine the SCC credit, but in no instance will the credit be less than that of a 1.5" meter size for the customer classification listed in Sections A.1 and A.2 – SCC for Standard Service. No SCC credit will be given unless prior service to the premises is verified. If the SCC is paid with the service connection to be completed by meter installation at a later date, and existing service(s) are to remain in service until that time, the applicable credit for the existing service(s) will be in the form of a refund when the existing services are removed.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23

The SCC credit cannot be applied to a standby meter, fire service meter, or in the case of a combination standard and fire service meter, the portion of the meter oversized for the private fire protection system. Where the initial SCC payment was made under Schedule J Section I – Required Separate Irrigation Meter for Single Family Premises, the SCC credit cannot be applied to the separate irrigation meter without a SCC credit on the residential meter. The SCC credit for an existing service can only be applied to the premises where the existing service is located. “Premises” is defined in Section 1 of the District’s Regulations Governing Water Service.

For a common area meters installed under the July 20, 1993 Wiedemann Agreement, credit toward a new SCC for these meters will be based on the actual SCC payment for each meter installed, not based on the size of the existing meter.

H. TEMPORARY CONSTRUCTION SERVICE

A System Capacity Charge paid on a temporary construction service will be refunded if said service is removed within a 1-year period after installation.

I. REQUIRED SEPARATE IRRIGATION METER FOR SINGLE FAMILY PREMISES

If an irrigation meter is required for a single-family premises because the landscape exceeds the threshold for a dedicated irrigation meter in Section 31 of the Regulations, two meters will be installed – one for the indoor and private fire service (if applicable) needs of the building and a separate meter dedicated for irrigation. One single-family premises SCC shall be applicable based on the hydraulic capacity needed to serve the irrigation and indoor needs. The hydraulic capacity of the installed meter or meters will be equal to or exceed the hydraulic of the meter size that was charged in the SCC fee. The installation charges shown in Schedule D and all other rates and charges pertaining to the service(s) based on the actual size of the meter(s) that are installed shall apply.

J. NONPOTABLE WATER SERVICE

1. Nonpotable Water Service Connections (dollars per connection)

METER SIZE (INCHES)	REGION		
	1	2	3
5/8	\$2,500	\$3,400	\$4,680
3/4	4,090	4,860	7,160
1	7,780	8,710	12,750
1-1/2	20,290	24,710	31,420

All SCC for nonpotable water service connections with meters larger than 1-1/2 inches shall be determined by applying the Future Water Supply Component unit charge to the defined



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23

projected water demand approved by the District. The SCC will not be less than the 1-1/2 inch meter charge from Section J.1 above.

K. DUAL STANDARD SERVICES

An SCC shall be applicable for separate meters installed to provide dual (potable and nonpotable) standard service, based on the meter size(s) for each service.

L. ADJUSTMENT OF SCC FOR WATER-CONSERVING LANDSCAPING ON PUBLICLY OWNED PROPERTY

To further encourage water conservation, the SCC for a water service connection exclusively for irrigation of landscaping on property owned by a public agency may be reduced or not required based on long-term water service needs after an initial planting establishment period of not more than three years (the “initial period”); provided that (1) the landscape plan incorporates drought-tolerant and other low-water-use planting materials on a major part of the landscaped area, and (2) the long-term water need would result in replacement of the initial water meter with a smaller meter or water service would be discontinued and removed at the end of the initial period, as solely determined by the District.

A public agency applying for water service under such conditions shall submit a written request to the District prior to the time of payment of the SCC. The request shall set forth in detail the facts supporting an adjustment of the SCC, shall include information and plans clearly describing the planting materials and irrigation system, and shall include data and calculations clearly demonstrating the estimated initial and long-term water needs.

If the District determines that the SCC can be based on a smaller meter or discontinuation of service after the initial period, the public agency shall enter into a water service agreement which provided for (1) payment of the reduced SCC prior to installation of service; (2) verification of the long-term need at the end of the period; and (3) payment of the additional SCC required if the initial meter is not to be replaced, or the replacement meter is larger than initially determined, or water service is not discontinued and removed. If additional SCC payment is required, it shall be based on the charges in effect at the time of initial SCC payment, and shall be due and payable within 30 days of written notice from the District. The agreement shall be binding upon all subsequent owners of the property and shall be recorded.

Installation charges for the service connection shall be based on the meter size initially installed.

The above-mentioned SCC adjustments do not apply to nonpotable water service accounts.

Schedule N

Water Demand Mitigation Fees

FY 2024



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23~~2~~

The Water Demand Mitigation Fee funds District conservation programs that are intended to achieve water savings that offset water demand from development within the territory or development where the fees are collected. The Water Demand Mitigation Fee is payable at the time application for service is made or prior to release of the distribution system pipelines and related appurtenances when the installation of water main extensions are required.

A. WATER DEMAND MITIGATION FEES FOR “THE MEADOWS” TERRITORY

For service connections within “The Meadows” territory¹ payment of a Water Demand Mitigation Fee shall be required in addition to all other applicable fees and charges, including the applicable System Capacity Charge (SCC).

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE MEADOWS TERRITORY
5/8	\$6,420 <u>\$6,930</u>
3/4	9,250 <u>9,980</u>
1	14,390 <u>15,520</u>
1-1/2	27,750 <u>29,930</u>

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE MEADOWS TERRITORY
5/8	\$6,290 <u>\$6,780</u>
3/4	9,250 <u>9,980</u>
1	14,390 <u>15,520</u>
1-1/2	27,750 <u>29,930</u>

3. The Water Demand Mitigation Fee for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component and multiplier (1.09) established by the Board of Directors for smaller meters.

4. For phased developments within The Meadows territory, the Water Demand Mitigation Fee is payable for all connections within the phase prior to release of the distribution system pipelines and related appurtenances.

¹ As defined in Contra Costa Local Agency Formation Commission Resolution No. 96-33, adopted August 13, 1997.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23~~2~~

B. WATER DEMAND MITIGATION FEES FOR “THE WENDT RANCH” TERRITORY

For service connections within “The Wendt Ranch” territory² payment of a Water Demand Mitigation Fee shall be required in addition to all other applicable fees and charges, including the applicable System Capacity Charge (SCC).

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE WENDT RANCH TERRITORY
5/8	\$8,250 <u>\$8,900</u>
3/4	11,880 <u>12,810</u>
1	18,480 <u>19,930</u>
1-1/2	35,650 <u>38,440</u>

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE WENDT RANCH TERRITORY
5/8	\$8,080 <u>\$8,710</u>
3/4	11,880 <u>12,810</u>
1	18,480 <u>19,930</u>
1-1/2	35,650 <u>38,440</u>

- The Water Demand Mitigation Fee for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component and multiplier (1.40) established by the Board of Directors for smaller meters.
- For phased developments within The Wendt Ranch territory, the Water Demand Mitigation Fee is payable for all connections within the phase prior to release of the distribution system pipelines and related appurtenances.

² As defined in Contra Costa Local Agency Formation Commission Resolution 97-5, adopted March 12, 1997.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23~~2~~

C. WATER USE OFFSET FEES FOR THE WIEDEMANN RANCH DEVELOPMENT³

For service connections within “The Wiedemann Ranch Development”, payment of a Water Use Offset Fee shall be required in addition to all other applicable fees and charges, including the System Capacity Charge (SCC).⁴

1. Common Area Offset Fee

The total Water Use Offset Fee for common areas in The Wiedemann Ranch Development is \$~~80,427~~85,583, and payable as a condition of issuance of the first meter for the common area.⁵

2. Single Family Service Connections

The Water Use Offset Fee for each residential lot in The Wiedemann Ranch Development is \$~~8,028~~8,542, which amount shall be indexed using the same index as for the common area offset fee.

D. ADDITIONAL WATER USE OFFSET FEES FOR THE WIEDEMANN RANCH DEVELOPMENT³

For water service within the Wiedemann Ranch Development, payment of Additional Water Use Offset Fees shall be required in the event the annual water budget⁶ is exceeded.

1. The Additional Water Use Offset Fee shall be determined by the number of gallons of water used during the average of the two consecutive years in excess of the annual water budget times the per gallon fee of \$~~17.33~~18.44.⁷

³ The Wiedemann Ranch Development, SCC Region 3A, a 439 acre development in Contra Costa County, is described with particularity in Exhibit A to the July 20, 1993 Agreement Between EBMUD and HCV & Associates, Ltd., Wiedemann Ranch, Inc. and Sue Christensen (“Wiedemann Agreement”).

⁴ The Wiedemann Agreement specifies the amount and other terms related to the Future Water Supply Component of the SCC for the Wiedemann Ranch Development.

⁵ The Water Use Offset Fee shall be indexed to the U.S. City Average of the Consumer Price Index issued by the U.S. Department of Labor each calendar year or portion thereof from the July 20, 1993 date of the Wiedemann Agreement to the date of payment of the offset fee.

⁶ The Wiedemann Agreement specifies the formula for calculating the annual water budget and the specific methodology for calculating and collecting the additional water use offset fee.

⁷ The Wiedemann Agreement specifies the terms related to the Additional Water Use Offset Fee. The Additional Water Use Offset Fee shall be indexed to the U.S. City Average of the consumer Price Index issued by the U.S. Department of Labor for each calendar year or portion thereof from the July 20, 1993 date of the Wiedemann Agreement to the date of payment of the additional water use offset fee.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/2022

E. WATER DEMAND MITIGATION FEES FOR CAMINO TASSAJARA INTEGRATED PROJECT⁸

For service connections within the Camino Tassajara Integrated Project⁹, payment of a Water Demand Mitigation Fee (WDMF) shall be required in addition to all other applicable fees and charges including the applicable System Capacity Charge (SCC). The Board of Directors adopted Section 3D to the Water Service Regulations in January 2003 to codify the WDMF and other conservation requirements imposed on the project territory by the County and Local Agency Formation Commission.

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE CAMINO TASSAJARA INTEGRATED PROJECT
5/8	\$7,950 <u>\$8,580</u>
3/4	11,460 <u>12,360</u>
1	17,820 <u>19,220</u>
1-1/2	34,360 <u>37,060</u>

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE CAMINO TASSAJARA INTEGRATED PROJECT
5/8	\$5,460 <u>\$5,890</u>
3/4	8,030 <u>8,660</u>
1	12,510 <u>13,490</u>
1-1/2	24,100 <u>26,000</u>

- The WDMF for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component and multiplier (1.61) established by the Board of Directors for smaller meters.

⁸ The Water Demand Mitigation Fee shall be indexed to the unit charge of the Future Water Supply component of the EBMUD System Capacity Charge.

⁹ As generally described in the October 9, 2002 Miscellaneous Work Agreement between the District, Shapell Industries, Ponderosa Homes II, and Braddock and Logan Group II.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23~~2~~

The WDMF for new water service at multi-family premises shall be as listed below. For purposes of this Schedule N, “multi-family premises” shall mean premises with two or more attached or separate residential dwelling units, rental or owner-occupied, which is determined by the District to be a single premises for receiving water service, provided that each separate dwelling unit of a multi-family premises shall be separately metered as specified in Sections 2 and 3 of the District’s Regulations Governing Water Service.

Multi-Family Premises – Dollars Per Dwelling Unit (DU)	
Each of the first 10 DU in a single structure	\$3,280 <u>\$3,530</u>
Each additional DU in same structure	2,620 <u>2,830</u>

The above WDMF shall apply regardless of the arrangement of water metering or meter size at the premises; however, the District may limit the size and number of service connections to a combined capacity appropriate to the anticipated water use at the premises.

No additional WDMF shall be applicable for separate meters installed to provide irrigation for landscaping on the premises in the immediate area contiguous to the dwelling unit structures, provided such landscaped area is to be used exclusively by the residents. All other rates and charges shall be based on actual number and size of meters and does not apply to the requirements listed below.

A WDMF shall be applicable for separate meters installed to serve other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, recreational facilities, and areas designated for public use. The WDMF shall be based on meter size as provided under E.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable WDMF, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.

- The WDMF is payable for all connections within phased developments prior to release for construction, the distribution system pipelines and related appurtenances.
- Water use in excess of 120 percent of the annual water budget¹⁰ shall be subject to an Additional WDMF (on a per-occurrence basis). The Additional WDMF shall be determined by multiplying the amount of water used in excess of 100 percent of the annual water budget times the per gallon fee of \$0.~~54~~ 55 per gpd.

¹⁰ The water budget shall be established pursuant to the October 9, 2002 Miscellaneous Work Agreement referenced in Footnote 2.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23~~2~~

F. WATER DEMAND MITIGATION FEES FOR GALE RANCH PHASE 2, SUBDIVISION 9134¹¹

For service connections within Gale Ranch Phase 2, Subdivision 9134, payment of a Water Demand Mitigation Fee (WDMF) shall be required in addition to all other applicable fees and charges including the applicable System Capacity Charge (SCC).

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE GALE RANCH PHASE 2 SUBDIVISION 9134
5/8	\$7,620 <u>\$8,220</u>
3/4	10,980 <u>11,840</u>
1	17,060 <u>18,400</u>
1-1/2	32,930 <u>35,510</u>

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE GALE RANCH PHASE 2 SUBDIVISION 9134
5/8 ¹²	\$5,230 <u>\$5,640</u>
3/4	7,700 <u>8,300</u>
1	11,960 <u>12,900</u>
1-1/2	23,070 <u>24,880</u>

3. The WDMF for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component.

No additional WDMF shall be applicable for separate meters installed to provide irrigation for landscaping on the premises in the immediate area contiguous to the dwelling unit structures, provided such landscaped area is to be used exclusively by the residents. All

¹¹ The Water Demand Mitigation Fee shall be indexed to the unit charge of the Future Water Supply component of the EBMUD System Capacity Charge.

¹² 5/8" fee based on 32,594 gpd land use unit demands (LUDS) minus 10,884 gpd middle school demand credit divided by 63 residential units resulting in 345 gpd/residential unit.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23~~2~~

other rates and charges shall be based on actual number and size of meters and does not apply to the requirements listed below.

A WDMF shall be applicable for separate meters installed to serve other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, recreational facilities, and areas designated for public use. The WDMF shall be based on meter size as provided under F.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable WDMF, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23

The Water Demand Mitigation Fee funds District conservation programs that are intended to achieve water savings that offset water demand from development within the territory or development where the fees are collected. The Water Demand Mitigation Fee is payable at the time application for service is made or prior to release of the distribution system pipelines and related appurtenances when the installation of water main extensions are required.

A. WATER DEMAND MITIGATION FEES FOR “THE MEADOWS” TERRITORY

For service connections within “The Meadows” territory¹ payment of a Water Demand Mitigation Fee shall be required in addition to all other applicable fees and charges, including the applicable System Capacity Charge (SCC).

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE MEADOWS TERRITORY
5/8	\$6,930
3/4	9,980
1	15,520
1-1/2	29,930

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE MEADOWS TERRITORY
5/8	\$6,780
3/4	9,980
1	15,520
1-1/2	29,930

3. The Water Demand Mitigation Fee for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component and multiplier (1.09) established by the Board of Directors for smaller meters.

4. For phased developments within The Meadows territory, the Water Demand Mitigation Fee is payable for all connections within the phase prior to release of the distribution system pipelines and related appurtenances.

¹ As defined in Contra Costa Local Agency Formation Commission Resolution No. 96-33, adopted August 13, 1997.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23

B. WATER DEMAND MITIGATION FEES FOR “THE WENDT RANCH” TERRITORY

For service connections within “The Wendt Ranch” territory² payment of a Water Demand Mitigation Fee shall be required in addition to all other applicable fees and charges, including the applicable System Capacity Charge (SCC).

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE WENDT RANCH TERRITORY
5/8	\$8,900
3/4	12,810
1	19,930
1-1/2	38,440

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE WENDT RANCH TERRITORY
5/8	\$8,710
3/4	12,810
1	19,930
1-1/2	38,440

3. The Water Demand Mitigation Fee for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component and multiplier (1.40) established by the Board of Directors for smaller meters.

4. For phased developments within The Wendt Ranch territory, the Water Demand Mitigation Fee is payable for all connections within the phase prior to release of the distribution system pipelines and related appurtenances.

² As defined in Contra Costa Local Agency Formation Commission Resolution 97-5, adopted March 12, 1997.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23

C. WATER USE OFFSET FEES FOR THE WIEDEMANN RANCH DEVELOPMENT³

For service connections within “The Wiedemann Ranch Development”, payment of a Water Use Offset Fee shall be required in addition to all other applicable fees and charges, including the System Capacity Charge (SCC).⁴

1. Common Area Offset Fee

The total Water Use Offset Fee for common areas in The Wiedemann Ranch Development is \$85,583, and payable as a condition of issuance of the first meter for the common area.⁵

2. Single Family Service Connections

The Water Use Offset Fee for each residential lot in The Wiedemann Ranch Development is \$8,542, which amount shall be indexed using the same index as for the common area offset fee.

D. ADDITIONAL WATER USE OFFSET FEES FOR THE WIEDEMANN RANCH DEVELOPMENT³

For water service within the Wiedemann Ranch Development, payment of Additional Water Use Offset Fees shall be required in the event the annual water budget⁶ is exceeded.

1. The Additional Water Use Offset Fee shall be determined by the number of gallons of water used during the average of the two consecutive years in excess of the annual water budget times the per gallon fee of \$18.44.⁷

³ The Wiedemann Ranch Development, SCC Region 3A, a 439 acre development in Contra Costa County, is described with particularity in Exhibit A to the July 20, 1993 Agreement Between EBMUD and HCV & Associates, Ltd., Wiedemann Ranch, Inc. and Sue Christensen (“Wiedemann Agreement”).

⁴ The Wiedemann Agreement specifies the amount and other terms related to the Future Water Supply Component of the SCC for the Wiedemann Ranch Development.

⁵ The Water Use Offset Fee shall be indexed to the U.S. City Average of the Consumer Price Index issued by the U.S. Department of Labor each calendar year or portion thereof from the July 20, 1993 date of the Wiedemann Agreement to the date of payment of the offset fee.

⁶ The Wiedemann Agreement specifies the formula for calculating the annual water budget and the specific methodology for calculating and collecting the additional water use offset fee.

⁷ The Wiedemann Agreement specifies the terms related to the Additional Water Use Offset Fee. The Additional Water Use Offset Fee shall be indexed to the U.S. City Average of the consumer Price Index issued by the U.S. Department of Labor for each calendar year or portion thereof from the July 20, 1993 date of the Wiedemann Agreement to the date of payment of the additional water use offset fee.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23

E. WATER DEMAND MITIGATION FEES FOR CAMINO TASSAJARA INTEGRATED PROJECT⁸

For service connections within the Camino Tassajara Integrated Project⁹, payment of a Water Demand Mitigation Fee (WDMF) shall be required in addition to all other applicable fees and charges including the applicable System Capacity Charge (SCC). The Board of Directors adopted Section 3D to the Water Service Regulations in January 2003 to codify the WDMF and other conservation requirements imposed on the project territory by the County and Local Agency Formation Commission.

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE CAMINO TASSAJARA INTEGRATED PROJECT
5/8	\$8,580
3/4	12,360
1	19,220
1-1/2	37,060

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE CAMINO TASSAJARA INTEGRATED PROJECT
5/8	\$5,890
3/4	8,660
1	13,490
1-1/2	26,000

3. The WDMF for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component and multiplier (1.61) established by the Board of Directors for smaller meters.

⁸ The Water Demand Mitigation Fee shall be indexed to the unit charge of the Future Water Supply component of the EBMUD System Capacity Charge.

⁹ As generally described in the October 9, 2002 Miscellaneous Work Agreement between the District, Shapell Industries, Ponderosa Homes II, and Braddock and Logan Group II.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23

The WDMF for new water service at multi-family premises shall be as listed below. For purposes of this Schedule N, “multi-family premises” shall mean premises with two or more attached or separate residential dwelling units, rental or owner-occupied, which is determined by the District to be a single premises for receiving water service, provided that each separate dwelling unit of a multi-family premises shall be separately metered as specified in Sections 2 and 3 of the District’s Regulations Governing Water Service.

Multi-Family Premises – Dollars Per Dwelling Unit (DU)	
Each of the first 10 DU in a single structure	\$3,530
Each additional DU in same structure	2,830

The above WDMF shall apply regardless of the arrangement of water metering or meter size at the premises; however, the District may limit the size and number of service connections to a combined capacity appropriate to the anticipated water use at the premises.

No additional WDMF shall be applicable for separate meters installed to provide irrigation for landscaping on the premises in the immediate area contiguous to the dwelling unit structures, provided such landscaped area is to be used exclusively by the residents. All other rates and charges shall be based on actual number and size of meters and does not apply to the requirements listed below.

A WDMF shall be applicable for separate meters installed to serve other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, recreational facilities, and areas designated for public use. The WDMF shall be based on meter size as provided under E.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable WDMF, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.

4. The WDMF is payable for all connections within phased developments prior to release for construction, the distribution system pipelines and related appurtenances.
5. Water use in excess of 120 percent of the annual water budget¹⁰ shall be subject to an Additional WDMF (on a per-occurrence basis). The Additional WDMF shall be determined by multiplying the amount of water used in excess of 100 percent of the annual water budget times the per gallon fee of \$0.55 per gpd.

¹⁰ The water budget shall be established pursuant to the October 9, 2002 Miscellaneous Work Agreement referenced in Footnote 2.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23

F. WATER DEMAND MITIGATION FEES FOR GALE RANCH PHASE 2, SUBDIVISION 9134¹¹

For service connections within Gale Ranch Phase 2, Subdivision 9134, payment of a Water Demand Mitigation Fee (WDMF) shall be required in addition to all other applicable fees and charges including the applicable System Capacity Charge (SCC).

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE GALE RANCH PHASE 2 SUBDIVISION 9134
5/8	\$8,220
3/4	11,840
1	18,400
1-1/2	35,510

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE GALE RANCH PHASE 2 SUBDIVISION 9134
5/8 ¹²	\$5,640
3/4	8,300
1	12,900
1-1/2	24,880

3. The WDMF for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component.

No additional WDMF shall be applicable for separate meters installed to provide irrigation for landscaping on the premises in the immediate area contiguous to the dwelling unit structures, provided such landscaped area is to be used exclusively by the residents. All

¹¹ The Water Demand Mitigation Fee shall be indexed to the unit charge of the Future Water Supply component of the EBMUD System Capacity Charge.

¹² 5/8" fee based on 32,594 gpd land use unit demands (LUDS) minus 10,884 gpd middle school demand credit divided by 63 residential units resulting in 345 gpd/residential unit.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23

other rates and charges shall be based on actual number and size of meters and does not apply to the requirements listed below.

A WDMF shall be applicable for separate meters installed to serve other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, recreational facilities, and areas designated for public use. The WDMF shall be based on meter size as provided under F.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable WDMF, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.

Section 1

Explanation of Terms Used in these Regulations

FY 2024



SECTION 1
EXPLANATION OF TERMS USED IN THESE REGULATIONS

DISTRICT shall refer to the East Bay Municipal Utility District unless otherwise specified.

ELEVATION SURCHARGE shall mean that charge applied to customers' accounts where meters are served by pressure zones with an elevation designator of two (2) or more in the District's pressure zone designations. The charge shall be computed in accordance with Schedule A, Rate Schedule for Water Service, Section D. The Elevation Surcharge is a means of allocating the additional costs incurred for pumping and storing water at higher elevations.

EXPANDED SERVICE shall refer to any upgrade, change, modification to existing standard service that increases the size of the meter, or increases to the annual average water use resulting from improvements to the existing structure(s) and new construction.

FRONT FOOT CHARGE shall mean the charge applicable to a premises when a main is or has been brought to the principal frontage of the premises to make service available to the premises. This charge shall be computed in accordance with the provisions of Section 4, and shall generally be the proration of the cost of extending the main based on the width of the premises fronting on and entitled to service from the main extension. The front foot charge shall not apply to premises already entitled to service, according to District requirements, on or before the date the main extension is installed. Where a front foot charge is applicable, it must be paid before a service will be installed.

IRRIGABLE LANDSCAPE AREA shall mean the area of a premises less the aggregate area of structure footprints, impervious and pervious hardscape and undisturbed open space within that premises.

IRRIGATED LANDSCAPING shall mean the total aggregated area or footprint of irrigated landscape for a premises, which does not include open space or the non-irrigated area.

The terms "Irrigable Landscape Area" and "Irrigated Landscaping" may apply to more than one premises, as determined solely by the District, where the multiple premises are contiguous and the managing entity for the irrigation water service to those multiple premises is a single person or entity, such as a city or a homeowners' association.

LIMITED SERVICE shall mean a water service connection provided under a written agreement for limited service with special conditions, when standard service is not reasonably available.

MAJOR FACILITIES shall mean storage reservoirs, pumping plants, transmission mains, filter plants, and appurtenances, including necessary properties and rights of way.

METER shall mean the entire meter assembly, which may include appurtenances or devices owned and installed by the District in connection with a service connection.

DEDICATED IRRIGATION METER shall mean the entire meter assembly dedicated for outdoor landscape water use, which may include appurtenances or devices owned and installed by the District or applicant, as solely determined by the District, as provided in Sections 3 and 31 of these Regulations.



SECTION 1
EXPLANATION OF TERMS USED IN THESE REGULATIONS

MASTER METER shall mean the entire meter assembly dedicated for single service to a premises for water use, which may include appurtenances or devices owned and installed by the District upstream of any applicant installed and owned meters, as provided in Sections 2 and 3 of these Regulations.

PREMISES shall mean a parcel of real estate, including any improvements thereon, which is determined by the District to be a single premises for purposes of receiving, using and paying for service. In making this determination, the District shall take into consideration such factors as assessor parcel lines, whether the parcel could reasonably be subdivided, whether the parcel is being used for a single enterprise, and whether the parcel is divided by a public or a private street, but in any case the District's determination shall be final.

MULTI-FAMILY PREMISES shall mean premises designated for multi-family use by the local land use authority which may include but are not limited to apartments, duplexes, condominiums, or other dwelling units not classified as single-family or premises intended for or with structure(s) constructed with independent living facilities for one or more persons, ~~with two or more attached or separate residential dwelling units, rental or owner occupied, which is determined by the District to be a single premises for receiving water service.~~

MULTI-OCCUPANCY COMMERCIAL/INDUSTRIAL PREMISES shall mean premises designated for commercial/industrial use by the local land use authority, with two or more attached or separate commercial or industrial occupancy units, rental or owner-occupied, which is determined by the District to be a single premises for receiving water service.

SINGLE FAMILY PREMISES shall mean a premises designated for single-family use by the local land use authority, or premises intended for or with structure(s) constructed for occupancy by a single-family as determined by the District with one or more attached or separate structures, rental or owner-occupied, providing permanent provisions for living, cooking, sanitation, and separate ingress/egress.

PRESSURE ZONE shall mean a portion of the water distribution system in which all premises are served through meters within a specific range of elevations and supplied by the same major facilities through an interconnected pipeline network. The upper limit of the pressure zone is 100 feet below the overflow elevation of the reservoir providing service, and the lower limit is determined by the upper limit of the next lower pressure zone or an elevation approximately 300 feet below the overflow elevation of the reservoir. Gravity Zones are those pressure zones which receive their water supply by gravity flow from the treatment plants and are identified by the prefixes "G" and "H" in the District's pressure zone designations. Pumped Zones are those pressure zones which receive their water supply from the treatment plants by pumping and are identified by the prefixes "A" through "F" in the District's pressure zone designations.

PRINCIPAL FRONTAGE shall mean that part of the perimeter of the major portion of the premises where the principal use of the property is located, which fronts on a public street or private road or driveway from which the premises generally receives access, public services and utilities, as determined by the District. Principal use does not include easements, rights of way, or a relatively narrow portion of a premises used for access or other purpose.



SECTION 1
EXPLANATION OF TERMS USED IN THESE REGULATIONS

REASONABLY AVAILABLE SERVICE shall mean that a service connection installed at the principal frontage of the premises will provide adequate pressure and flow for normal operation of plumbing fixtures, water using appliances, requirements set by the responsible fire protection agency, and irrigation. In determining reasonably available service, the District will consider, relative to the service location and the applicable pressure zone, the elevation of the existing or proposed building on the premises, the distance of the building site from the meter location and any pressure and flow requirement for fire protection.

RETROFITS shall mean the conversion or modification of existing water using fixtures, appliances, equipment and landscaping such that they are suitable for water service.

SEPARATE STRUCTURE shall mean a distinct building with separate and/or shared walls, as solely determined by the District, without regard to common pathways, bridges, roof decks and overhangs, parking garages, foundations, and similar above-or-below-ground project features.

SERVICE shall mean the furnishing of water (potable or nonpotable) to a customer through a service connection.

SERVICE CONNECTION shall mean the necessary piping and equipment from the main to and including the meter or battery of meters. Reference to a service connection by size shall mean the size of the meter.

STANDARD PARTICIPATION CHARGE (SPC) shall mean the charge paid as a contribution towards the cost of future general oversizing of water mains and to provide major facilities capacity for service to new customers. This charge is paid in lieu of the System Capacity Charge by certain applicants who applied for service on or before June 28, 1983. The SPC also includes a component for the allocated cost of providing a future water supply to meet the long term increase in water demand in the District.

STANDARD SERVICE shall mean a service other than a private fire service, installed within the District service area, adjacent to the principal frontage of the premises to be served, which service is for immediate use to supply a function directly related to such premises.

SYSTEM CAPACITY CHARGE (SCC) shall mean the charge required of all applicants for water service to premises where installation of a service connection is required, including expanded service, as solely determined by the District. The charge to be paid depends on the regional location and the applicable meter size, the estimated annual average water use as determined by the District for large meters not covered in Schedule J based on water use information furnished by the applicant, or number of units. The charge is payment for the costs allocated to providing capacity for water service to applicants within each region, including components for major facilities in the District's distribution system master plan, major facilities constructed prior to the master plan, and water main oversizing. The SCC also includes a component for the allocated cost of providing a future water supply to meet the long term increase in water demand in the District. The charge shall be computed in accordance with Schedule J of the Rates and Charges.



SECTION 1
EXPLANATION OF TERMS USED IN THESE REGULATIONS

UNIT shall mean and apply to a Dwelling Unit, Accessory Dwelling Unit, Commercial/Industrial Unit, Live/Work Unit, or Work/Live Unit within a premises as defined below, unless specified otherwise.

ACCESSORY DWELLING UNIT shall be as defined by California Government Code Section 65852.2.

JUNIOR ACCESSORY DWELLING UNIT shall be as defined by California Government Code Section 65852.22.

DWELLING UNIT shall mean an attached or detached rental or owner-occupied residential unit of a multi-family premises, which provides complete independent living facilities for one or more persons, including one or more permanent provisions for living, sleeping, cooking, sanitation, and separate ingress/egress as solely determined by the District.

COMMERCIAL/INDUSTRIAL UNIT shall mean an attached or detached rental or owner-occupied unit used directly or indirectly in connection with any non-residential, or business undertaking, which provides complete independent facilities for one or more persons, including one or more permanent provisions for sanitation, and separate ingress/egress as solely determined by the District.

LIVE/WORK UNIT shall be considered an attached or detached unit of a mixed-use premises that accommodates both residential and non-residential activities, but emphasizes the accommodation of residential activities per Local Land Use designation, as solely determined by the District. For the purpose of System Capacity Charges, a Live/Work Unit shall be considered as residential.

WORK/LIVE UNIT shall be considered an attached or detached unit of a mixed-use premises that accommodates both residential and non-residential activities, but emphasizes the accommodation of commercial activities per local land use designation, as solely determined by the District. For the purpose of System Capacity Charges, a Work/Live Unit shall be considered as non-residential.

WATER EFFICIENCY REQUIREMENTS shall mean all devices, technologies, and practices in accordance with Section 31 of these Regulations.



SECTION 1
EXPLANATION OF TERMS USED IN THESE REGULATIONS

DISTRICT shall refer to the East Bay Municipal Utility District unless otherwise specified.

ELEVATION SURCHARGE shall mean that charge applied to customers' accounts where meters are served by pressure zones with an elevation designator of two (2) or more in the District's pressure zone designations. The charge shall be computed in accordance with Schedule A, Rate Schedule for Water Service, Section D. The Elevation Surcharge is a means of allocating the additional costs incurred for pumping and storing water at higher elevations.

EXPANDED SERVICE shall refer to any upgrade, change, modification to existing standard service that increases the size of the meter, or increases to the annual average water use resulting from improvements to the existing structure(s) and new construction.

FRONT FOOT CHARGE shall mean the charge applicable to a premises when a main is or has been brought to the principal frontage of the premises to make service available to the premises. This charge shall be computed in accordance with the provisions of Section 4, and shall generally be the proration of the cost of extending the main based on the width of the premises fronting on and entitled to service from the main extension. The front foot charge shall not apply to premises already entitled to service, according to District requirements, on or before the date the main extension is installed. Where a front foot charge is applicable, it must be paid before a service will be installed.

IRRIGABLE LANDSCAPE AREA shall mean the area of a premises less the aggregate area of structure footprints, impervious and pervious hardscape and undisturbed open space within that premises.

IRRIGATED LANDSCAPING shall mean the total aggregated area or footprint of irrigated landscape for a premises, which does not include open space or the non-irrigated area.

The terms "Irrigable Landscape Area" and "Irrigated Landscaping" may apply to more than one premises, as determined solely by the District, where the multiple premises are contiguous and the managing entity for the irrigation water service to those multiple premises is a single person or entity, such as a city or a homeowners' association.

LIMITED SERVICE shall mean a water service connection provided under a written agreement for limited service with special conditions, when standard service is not reasonably available.

MAJOR FACILITIES shall mean storage reservoirs, pumping plants, transmission mains, filter plants, and appurtenances, including necessary properties and rights of way.

METER shall mean the entire meter assembly, which may include appurtenances or devices owned and installed by the District in connection with a service connection.

DEDICATED IRRIGATION METER shall mean the entire meter assembly dedicated for outdoor landscape water use, which may include appurtenances or devices owned and installed by the District or applicant, as solely determined by the District, as provided in Sections 3 and 31 of these Regulations.



SECTION 1
EXPLANATION OF TERMS USED IN THESE REGULATIONS

MASTER METER shall mean the entire meter assembly dedicated for single service to a premises for water use, which may include appurtenances or devices owned and installed by the District upstream of any applicant installed and owned meters, as provided in Sections 2 and 3 of these Regulations.

PREMISES shall mean a parcel of real estate, including any improvements thereon, which is determined by the District to be a single premises for purposes of receiving, using and paying for service. In making this determination, the District shall take into consideration such factors as assessor parcel lines, whether the parcel could reasonably be subdivided, whether the parcel is being used for a single enterprise, and whether the parcel is divided by a public or a private street, but in any case the District's determination shall be final.

MULTI-FAMILY PREMISES shall mean premises designated for multi-family use by the local land use authority which may include but are not limited to apartments, duplexes, condominiums, or other dwelling units not classified as single-family or premises intended for or with structure(s) constructed with independent living facilities for one or more persons.

MULTI-OCCUPANCY COMMERCIAL/INDUSTRIAL PREMISES shall mean premises designated for commercial/industrial use by the local land use authority, with two or more attached or separate commercial or industrial occupancy units, rental or owner-occupied, which is determined by the District to be a single premises for receiving water service.

SINGLE FAMILY PREMISES shall mean a premises designated for single-family use by the local land use authority or premises intended for or with structure(s) constructed for occupancy by a single-family as determined by the District with one or more attached or separate structures, rental or owner-occupied, providing permanent provisions for living, cooking, sanitation, and separate ingress/egress.

PRESSURE ZONE shall mean a portion of the water distribution system in which all premises are served through meters within a specific range of elevations and supplied by the same major facilities through an interconnected pipeline network. The upper limit of the pressure zone is 100 feet below the overflow elevation of the reservoir providing service, and the lower limit is determined by the upper limit of the next lower pressure zone or an elevation approximately 300 feet below the overflow elevation of the reservoir. Gravity Zones are those pressure zones which receive their water supply by gravity flow from the treatment plants and are identified by the prefixes "G" and "H" in the District's pressure zone designations. Pumped Zones are those pressure zones which receive their water supply from the treatment plants by pumping and are identified by the prefixes "A" through "F" in the District's pressure zone designations.

PRINCIPAL FRONTAGE shall mean that part of the perimeter of the major portion of the premises where the principal use of the property is located, which fronts on a public street or private road or driveway from which the premises generally receives access, public services and utilities, as determined by the District. Principal use does not include easements, rights of way, or a relatively narrow portion of a premises used for access or other purpose.



SECTION 1
EXPLANATION OF TERMS USED IN THESE REGULATIONS

REASONABLY AVAILABLE SERVICE shall mean that a service connection installed at the principal frontage of the premises will provide adequate pressure and flow for normal operation of plumbing fixtures, water using appliances, requirements set by the responsible fire protection agency, and irrigation. In determining reasonably available service, the District will consider, relative to the service location and the applicable pressure zone, the elevation of the existing or proposed building on the premises, the distance of the building site from the meter location and any pressure and flow requirement for fire protection.

RETROFITS shall mean the conversion or modification of existing water using fixtures, appliances, equipment and landscaping such that they are suitable for water service.

SEPARATE STRUCTURE shall mean a distinct building with separate and/or shared walls, as solely determined by the District, without regard to common pathways, bridges, roof decks and overhangs, parking garages, foundations, and similar above-or-below-ground project features.

SERVICE shall mean the furnishing of water (potable or nonpotable) to a customer through a service connection.

SERVICE CONNECTION shall mean the necessary piping and equipment from the main to and including the meter or battery of meters. Reference to a service connection by size shall mean the size of the meter.

STANDARD PARTICIPATION CHARGE (SPC) shall mean the charge paid as a contribution towards the cost of future general oversizing of water mains and to provide major facilities capacity for service to new customers. This charge is paid in lieu of the System Capacity Charge by certain applicants who applied for service on or before June 28, 1983. The SPC also includes a component for the allocated cost of providing a future water supply to meet the long term increase in water demand in the District.

STANDARD SERVICE shall mean a service other than a private fire service, installed within the District service area, adjacent to the principal frontage of the premises to be served, which service is for immediate use to supply a function directly related to such premises.

SYSTEM CAPACITY CHARGE (SCC) shall mean the charge required of all applicants for water service to premises where installation of a service connection is required, including expanded service, as solely determined by the District. The charge to be paid depends on the regional location and the applicable meter size, the estimated annual average water use as determined by the District for large meters not covered in Schedule J based on water use information furnished by the applicant, or number of units. The charge is payment for the costs allocated to providing capacity for water service to applicants within each region, including components for major facilities in the District's distribution system master plan, major facilities constructed prior to the master plan, and water main oversizing. The SCC also includes a component for the allocated cost of providing a future water supply to meet the long term increase in water demand in the District. The charge shall be computed in accordance with Schedule J of the Rates and Charges.



REGULATIONS GOVERNING WATER SERVICE

TO CUSTOMERS OF THE EAST BAY MUNICIPAL UTILITY DISTRICT

PAGE NUMBER: 01-D

SECTION 1

EXPLANATION OF TERMS USED IN THESE REGULATIONS

UNIT shall mean and apply to a Dwelling Unit, Accessory Dwelling Unit, Commercial/Industrial Unit, Live/Work Unit, or Work/Live Unit within a premises as defined below, unless specified otherwise.

ACCESSORY DWELLING UNIT shall be as defined by California Government Code Section 65852.2.

JUNIOR ACCESSORY DWELLING UNIT shall be as defined by California Government Code Section 65852.22.

DWELLING UNIT shall mean an attached or detached rental or owner-occupied residential unit of a multi-family premises, which provides complete independent living facilities for one or more persons, including one or more permanent provisions for living, sleeping, cooking, sanitation, and separate ingress/egress as solely determined by the District.

COMMERCIAL/INDUSTRIAL UNIT shall mean an attached or detached rental or owner-occupied unit used directly or indirectly in connection with any non-residential, or business undertaking, which provides complete independent facilities for one or more persons, including one or more permanent provisions for sanitation, and separate ingress/egress as solely determined by the District.

LIVE/WORK UNIT shall be considered an attached or detached unit of a mixed-use premises that accommodates both residential and non-residential activities, but emphasizes the accommodation of residential activities per Local Land Use designation, as solely determined by the District. For the purpose of System Capacity Charges, a Live/Work Unit shall be considered as residential.

WORK/LIVE UNIT shall be considered an attached or detached unit of a mixed-use premises that accommodates both residential and non-residential activities, but emphasizes the accommodation of commercial activities per local land use designation, as solely determined by the District. For the purpose of System Capacity Charges, a Work/Live Unit shall be considered as non-residential.

WATER EFFICIENCY REQUIREMENTS shall mean all devices, technologies, and practices in accordance with Section 31 of these Regulations.

**Wastewater System Schedules of Rates and Charges, Capacity Charges,
and Other Fees Not Subject to Proposition 218**

FY 2024

Schedule C – Industrial Permit Fees

Schedule D – Other Fees

Schedule E – Testing Fees

Schedule F – Rates for Resource Recovery Material Treatment

Schedule G – Capacity Fees

Schedule H – Interceptor Connection Review, Coordination and Inspection Fee

Wastewater Department

Schedule C

Industrial Permit Fees

FY 2024



**SCHEDULE C – WASTEWATER DEPARTMENT
INDUSTRIAL PERMIT FEES**

EFFECTIVE 07/01/23~~2~~

PERMIT TYPE	ANNUAL FEE
Wastewater Discharge Permit	\$3,130 <u>\$3,320</u>
Estimation Permit	\$1,230 <u>\$1,290</u>
Limited Term Discharge Permit	\$2,900 <u>\$3,050</u>



**SCHEDULE C – WASTEWATER DEPARTMENT
INDUSTRIAL PERMIT FEES**

EFFECTIVE 07/01/23

PERMIT TYPE	ANNUAL FEE
Wastewater Discharge Permit	\$3,320
Estimation Permit	\$1,290
Limited Term Discharge Permit	\$3,050

Wastewater Department

Schedule D

Other Fees

FY 2024



**SCHEDULE D – WASTEWATER DEPARTMENT
OTHER FEES**

EFFECTIVE 07/01/23~~2~~

TYPE	RATE
SF Bay Commercial Pollution Prevention Fee	\$5.48/month ¹
SF Bay Residential Pollution Prevention Fee	\$0.20/month per dwelling unit ²
Monitoring Fees	\$1,720 <u>1,820</u>
Violation Follow-Up Fees	
Stage 1	\$780 <u>820</u>
Stage 2	\$1,720 <u>1,820</u> + Testing Fees ³
Stage 3	\$3,480 <u>3,680</u> + Testing Fees ³
Private Sewer Lateral Compliance Fees	
Compliance Certificate ⁴	\$340 <u>360</u>
Time Extension Certificate	\$120 <u>130</u>
Inspection Reschedule	\$100 <u>110</u>
Extra Lateral or Additional Verification Test	\$120 per lateral
Off-Hours Verification ⁵	\$260 <u>270</u> for 2.5 hours
Specific Appointment Time ⁵	\$320 <u>330</u>
HOA/Greater than 1,000 Oversight Fee	\$470 <u>500</u>
PSL Violation Follow-Up – Initial Fee	\$480 <u>510</u>
PSL Violation Follow-Up – Continuing Noncompliance Fee	\$110 <u>130</u>
Compliance Agreement	\$290 <u>320</u>

¹SF Bay Commercial Pollution Prevention Fee applicable to all non-residential accounts.

²SF Bay Residential Pollution Prevention Fee applicable to all residential accounts. Fee will be charge per dwelling unit up to five dwelling units.

³Violation follow-up fees do not include required testing. Testing fees will be charged in accordance with Schedule E Wastewater Department Testing Fees.

⁴Compliance Certificate Fee may be assessed for performance of a Verification Test that results in issuance of a new Compliance Certificate, annotation of an existing Compliance Certificate, or issuance of one or more new Compliance Certificates due to a parcel split or merger.

⁵[The fees for off-hours verification and specific appointment time will only be refunded if cancelled more than one business day prior to the scheduled appointment.](#)



**SCHEDULE D – WASTEWATER DEPARTMENT
OTHER FEES**

EFFECTIVE 07/01/23

TYPE	RATE
SF Bay Commercial Pollution Prevention Fee	\$5.48/month ¹
SF Bay Residential Pollution Prevention Fee	\$0.20/month per dwelling unit ²
Monitoring Fees	\$1,820
Violation Follow-Up Fees	
Stage 1	\$820
Stage 2	\$1,820 + Testing Fees ³
Stage 3	\$3,680 + Testing Fees ³
Private Sewer Lateral Compliance Fees	
Compliance Certificate ⁴	\$360
Time Extension Certificate	\$130
Inspection Reschedule	\$110
Extra Lateral or Additional Verification Test	\$120 per lateral
Off-Hours Verification ⁵	\$270 for 2.5 hours
Specific Appointment Time ⁵	\$330
HOA/Greater than 1,000 Oversight Fee	\$500
PSL Violation Follow-Up – Initial Fee	\$510
PSL Violation Follow-Up – Continuing Noncompliance Fee	\$130
Compliance Agreement	\$320

¹SF Bay Commercial Pollution Prevention Fee applicable to all non-residential accounts.

²SF Bay Residential Pollution Prevention Fee applicable to all residential accounts. Fee will be charge per dwelling unit up to five dwelling units.

³Violation follow-up fees do not include required testing. Testing fees will be charged in accordance with Schedule E Wastewater Department Testing Fees.

⁴Compliance Certificate Fee may be assessed for performance of a Verification Test that results in issuance of a new Compliance Certificate, annotation of an existing Compliance Certificate, or issuance of one or more new Compliance Certificates due to a parcel split or merger.

⁵ The fees for off-hours verification and specific appointment time will only be refunded if cancelled more than one business day prior to the scheduled appointment.

Wastewater Department

Schedule E

Testing Fees

FY 2024



SCHEDULE E – WASTEWATER DEPARTMENT TESTING FEES

EFFECTIVE 07/01/2023~~4~~

LABORATORY TEST	FEE	METHOD*
Chemical Oxygen Demand	\$60 <u>65</u>	SM 5220 D
Cyanide	\$126 <u>137</u>	SM 4500 CN
Metals (Arsenic, Cadmium, Chromium, Copper, Iron, Lead, Nickel, Silver, and Zinc)	\$224 <u>244</u>	EPA 200.7
Metals (Mercury)	\$142 <u>154</u>	EPA 245.1
Oil & Grease: SGT-HEM	\$198 <u>215</u>	EPA 1664B
pH Field Analysis	\$28 <u>30</u>	
Phenols: Total	\$139 <u>151</u>	EPA 420.1
PCB Congeners	\$770 <u>838</u>	EPA 1668C
Semi-volatile Organics	\$522 <u>568</u>	EPA 625.1
Total Suspended Solids	\$40 <u>44</u>	SM 2540 D
Volatile Organics	\$219 <u>238</u>	EPA 624.1

* Or equivalent certified method



SCHEDULE E – WASTEWATER DEPARTMENT TESTING FEES

EFFECTIVE 07/01/2023

LABORATORY TEST	FEE	METHOD*
Chemical Oxygen Demand	\$65	SM 5220 D
Cyanide	\$137	SM 4500 CN
Metals (Arsenic, Cadmium, Chromium, Copper, Iron, Lead, Nickel, Silver, and Zinc)	\$244	EPA 200.7
Metals (Mercury)	\$154	EPA 245.1
Oil & Grease: SGT-HEM	\$215	EPA 1664B
pH Field Analysis	\$30	
Phenols: Total	\$151	EPA 420.1
PCB Congeners	\$838	EPA 1668C
Semi-volatile Organics	\$568	EPA 625.1
Total Suspended Solids	\$44	SM 2540 D
Volatile Organics	\$238	EPA 624.1

* Or equivalent certified method

Wastewater Department

Schedule F

Rates for Resource Recovery Material Treatment

FY 2024



**SCHEDULE F¹ – WASTEWATER DEPARTMENT
RATES FOR RESOURCE RECOVERY MATERIAL TREATMENT**

EFFECTIVE 07/01/23~~2~~

MATERIAL TYPE	RATE ²
Permit Fee	\$400 (per year)
Septage	Up to \$0. 11 <u>12</u> /gal
Fats, Oil and Grease	Up to \$0.13/gal
Process Water	Up to \$0. 08 <u>10</u> /gal
Brine	<u>Variable with Total Dissolved Solid (TDS)</u> Up to \$0. 08 <u>10</u> /gal ≤ 50,000 mg/l TDS Up to \$0. 09 <u>11</u> /gal 50,001 – 100,000 mg/l TDS Up to \$0. 42 <u>13</u> /gal > 100,000 mg/l TDS
Sludge	<u>Variable with % Total Solids (TS)</u> Up to \$0. 09 <u>11</u> /gal up to 3% TS Plus \$0.005/gal per %TS for TS between 3% to 20%
Clean Liquid Food Waste Slurry ³	<u>Variable with % Total Solids (TS)</u> Up to \$0.07/gal up to 3% TS Plus \$0.005/gal per % TS for TS between 3% to 20%
Liquid Organic Material	Up to \$0. 08 <u>09</u> /gal
Protein Material	Up to \$0. 13 <u>15</u> /gal
Solid Organic Material	\$30/ton – \$ 110 <u>120</u> /ton ⁴

¹Payment collection for all Resource Recovery accounts shall follow the payment collection provisions contained in Section 13, Payment of Bills in the Regulations Governing Water Service to the Customers of EBMUD and Items C and K, Returned Payment Charge and Late Payment Penalty and Interest, of Schedule C of the Water System Rates and Charges.

²For special accommodations, additional charges for actual personnel costs, equipment costs, and lab costs associated with the special accommodation will apply. Special accommodations include services provided by the District above and beyond what is typical, such as evaluation and testing of a unique material stream, special equipment to receive and process material, accommodations for large volumes, special off-hour deliveries that require additional staff support, or special treatment requirements.

³Clean liquid food waste slurry must behave as a liquid and contain minimal amounts of contamination. Food waste slurries that require additional contamination removal do not qualify for this rate.

⁴Based on treatment costs (residual solids dewatering and disposal), gas production, volumes and other costs or benefits to the District.



**SCHEDULE F¹ – WASTEWATER DEPARTMENT
RATES FOR RESOURCE RECOVERY MATERIAL TREATMENT**

EFFECTIVE 07/01/23

MATERIAL TYPE	RATE ²
Permit Fee	\$400 (per year)
Septage	Up to \$0.12/gal
Fats, Oil and Grease	Up to \$0.13/gal
Process Water	Up to \$0.10/gal
Brine	<u>Variable with Total Dissolved Solid (TDS)</u> Up to \$0.10/gal ≤ 50,000 mg/l TDS Up to \$0.11/gal 50,001 – 100,000 mg/l TDS Up to \$0.13/gal > 100,000 mg/l TDS
Sludge	<u>Variable with % Total Solids (TS)</u> Up to \$0.11/gal up to 3% TS Plus \$0.005/gal per %TS for TS between 3% to 20%
Clean Liquid Food Waste Slurry ³	<u>Variable with % Total Solids (TS)</u> Up to \$0.07/gal up to 3% TS Plus \$0.005/gal per % TS for TS between 3% to 20%
Liquid Organic Material	Up to \$0.09/gal
Protein Material	Up to \$0.15/gal
Solid Organic Material	\$30/ton – \$120/ton ⁴

¹Payment collection for all Resource Recovery accounts shall follow the payment collection provisions contained in Section 13, Payment of Bills in the Regulations Governing Water Service to the Customers of EBMUD and Items C and K, Returned Payment Charge and Late Payment Penalty and Interest, of Schedule C of the Water System Rates and Charges.

²For special accommodations, additional charges for actual personnel costs, equipment costs, and lab costs associated with the special accommodation will apply. Special accommodations include services provided by the District above and beyond what is typical, such as evaluation and testing of a unique material stream, special equipment to receive and process material, accommodations for large volumes, special off-hour deliveries that require additional staff support, or special treatment requirements.

³Clean liquid food waste slurry must behave as a liquid and contain minimal amounts of contamination. Food waste slurries that require additional contamination removal do not qualify for this rate.

⁴Based on treatment costs (residual solids dewatering and disposal), gas production, volumes and other costs or benefits to the District.

Wastewater Department

Schedule G

Capacity Fees

FY 2024



**SCHEDULE G – WASTEWATER DEPARTMENT
CAPACITY FEES**

EFFECTIVE 07/01/23~~2~~

A. Wastewater Capacity Fee for Non-Permit Applicants

For applicants who are not required to obtain a Wastewater Discharge Permit the Wastewater Capacity Fee (WCF) is based on the applicant’s estimated annual wastewater discharge flow and strength.

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.

1. Single Family Residential WCF ^{1,2} ~~\$2,950~~\$3,170

2. Multi-Family Residential WCF ^{2, 3}

Residential	WCF (\$ Per Dwelling Unit)
Multi-Family Standard (> 500 sq. ft.)	\$2,070 <u>\$2,220</u>
Multi-Family Small (≤ 500 sq. ft.)	1,620 <u>1,730</u>

3. Non-Residential WCF for meters 1-1/2 inches and smaller (dollars per connection)²

For service connections with meters 1-1/2 inches and smaller, the District reserves the right to request specific water use information from the applicant to determine applicant’s estimated annual wastewater discharge flow and strength. The District reserves the right to determine the appropriate meter size and wastewater strength category to meet the applicant’s estimated annual wastewater discharge flow and strength and assess the WCF using this Section (A)(~~3~~2). If the District determines that the applicant’s estimated annual wastewater discharge flow exceeds 1,390 gallons per day (gpd) or that a meter larger than 1-1/2 inches is required to meet the applicant’s needs, this Section (A)(~~3~~2) no longer applies. For estimated annual wastewater discharge flows that exceed 1,390 gpd and meters larger than 1-1/2 inches, Section (A)(~~4~~3) shall be used to determine the WCF based on the applicant’s estimated annual wastewater discharge flow and strength category. The District’s decision shall be final.

Strength Category	Meter Size		
	5/8 inch	3/4 & 1 inch	1-1/2 inch
Low	\$4,390 <u>\$4,710</u>	\$11,530 <u>\$12,370</u>	\$22,460 <u>\$24,110</u>
Medium	8,880 <u>9,530</u>	23,330 <u>25,040</u>	45,460 <u>48,780</u>
High	17,390 <u>18,640</u>	45,720 <u>49,010</u>	89,070 <u>95,480</u>



SCHEDULE G – WASTEWATER DEPARTMENT CAPACITY FEES

EFFECTIVE 07/01/23~~2~~

4. Non-Residential (meter size over 1-1/2 inch) ^{2, 4, 5}

The WCF for service connections with meters larger than 1-1/2 inch shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the per CCF WCF charge to the annual wastewater discharge flow calculated by the District for the appropriate strength category for the service connection.

Strength Category	\$/Ccf/year
Low	\$33.22 <u>35.66</u>
Medium	67.24 <u>72.17</u>
High	131.76 <u>141.25</u>

In no instance will the WCF for a meter larger than 1-1/2 inches be less than the 1-1/2 inch price for a given strength category.



SCHEDULE G – WASTEWATER DEPARTMENT CAPACITY FEES

EFFECTIVE 07/01/23~~2~~

If the District has determined based on the water use information furnished that a meter larger than 1-1/2 inches is appropriate or if the estimated annual wastewater discharge exceeds 1,390 gpd, the WCF calculated from the District's estimate of annual wastewater discharge flow shall apply irrespective of the arrangement of the water metering or meter size at the premises.

Business Classification Code (BCC) Category: Low Strength

Code	Description
4500	Air Transportation
7542	Automobile Washing and Polishing
7215	Coin Operated Laundromats
3200	Earthenware Manufacturing
8060	Hospitals
7000	Hotels, Motels with Food Service
7300	Laboratories
3470	Metal Coating
3400	Metal Products Fabricating
3300	Primary Metals Manufacturing
8200	Schools
2820	Synthetic Material Manufacturing
	All Other Business Classification Codes (includes dischargers of only segregated domestic wastes from sanitary conveniences)

BCC Category: Medium Strength

Code	Description
2080	Beverage Manufacturing & Bottling
2840	Cleaning and Sanitation Products
7210	Commercial Laundries
2830	Drug Manufacturing
5812	Food Service Establishments
2030	Fruit and Vegetable Canning
2040	Grain Mills
2893	Ink and Pigment Manufacturing
2810	Inorganic Chemicals Manufacturing
2600	Pulp and Paper Products
2011	Slaughterhouses



SCHEDULE G – WASTEWATER DEPARTMENT CAPACITY FEES

EFFECTIVE 07/01/23~~2~~

BCC Category: High Strength

Code	Description
2050	Bakeries (including Pastries)
2020	Dairy Product Processing
3410	Drum and Barrel Manufacturing
7218	Industrial Laundries
3110	Leather Tanning and Finishing
2010	Meat Products
2850	Paint Manufacturing
2077	Rendering Tallow
2090	Specialty Foods Manufacturing
2060	Sugar Processing

B. WCF for Permit Applicants

For applicants who are required to obtain a Wastewater Discharge Permit, the Wastewater Capacity Fee (WCF) is based on the applicant’s estimated annual wastewater discharge flow and strength concentrations listed on the applicant’s discharge permit at the time of application.

Permit Accounts ^{2, 4, 5, 6}

Flow (\$/ccf/year)	\$14.84 <u>15.94</u>
Chemical Oxygen Demand (COD) (\$/lb/year)	4.56 <u>1.67</u>
Total Suspended Solids (TSS) (\$/lb/year)	7.13 <u>7.66</u>

¹ Single Family is BCC 8800 Single Family.

² A credit may be provided for existing services. Where a new service will replace one or more existing or prior services to a premises that previously paid a WCF, a credit will be applied to the new WCF. For existing meters 1-1/2 inches and smaller, the value of the WCF credit will be determined using the flow and strength assumed in the original WCF and based on the current WCF schedule (for flow and strength), or based on the existing strength and meter size if the information from the original WCF is not available. For existing meters over 1-1/2 inches, the value of the WCF credit will be determined using the flow and strength assumed in the original WCF and based on the current WCF schedule (for flow and strength). If the flow and strength information is not available from the original WCF, the strength and flow from the most recent 10 years of usage and strength will be used to determine the WCF credit, provided that this value is not less than the value indicated in the schedule for the 1-1/2 inch meter.

For premises on which no WCF was paid, customers will be granted a credit for the existing use. For existing meters 1-1/2 inches and smaller, the WCF credit will be calculated based on the current WCF schedule for the existing meter size and strength. For existing meters over 1-1/2 inches, the WCF credit will be calculated based on the most recent 10 years of usage and strength for the existing meter, provided that this value is not less than the value indicated in the schedule for the 1-1/2 inch meter.

If the account is subject to an Estimation Permit, the usage credit will consider diversion. The WCF credit cannot be applied to a dedicated irrigation meter, standby meter, fire service meter, or in the case of a combination standard and fire service meter, the portion of the meter oversized for the private fire protection system.

³Multi-family includes BCC 6513 Apartment Buildings and 6514 Multi-Family.



SCHEDULE G – WASTEWATER DEPARTMENT CAPACITY FEES

EFFECTIVE 07/01/23~~2~~

⁴ Capacity Fee is based on the anticipated annual flow contributions and the average wastewater strength measured or assigned for each classification of customer. The District may review the actual flow and strength within 24 months, once the business is fully established to verify the estimated demand for wastewater capacity. The review may result in the assessment of additional capacity fees if the actual flow and strength exceeds the original estimate.

⁵ For non-residential customers with projected treatment revenues equal to or greater than 0.1% of the total District treatment revenue, the calculated capacity fee will be reduced by a Rate Stabilization Factor of 25%. Projected treatment revenue will be based on permit conditions at the time of application or on average wastewater strength measured for each classification of customer if a permit is not required for discharge. Total District treatment revenue will be based on the budgeted fiscal year amount at the time of application.

⁶ Total fee is a summation of the unit rates for flow, COD, and TSS applied to the permit conditions at the time of application.



**SCHEDULE G – WASTEWATER DEPARTMENT
CAPACITY FEES**

EFFECTIVE 07/01/23

A. Wastewater Capacity Fee for Non-Permit Applicants

For applicants who are not required to obtain a Wastewater Discharge Permit the Wastewater Capacity Fee (WCF) is based on the applicant’s estimated annual wastewater discharge flow and strength.

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.

- 1. **Single Family Residential WCF** ^{1,2} \$3,170
- 2. **Multi-Family Residential WCF** ^{2, 3}

Residential	WCF (\$ Per Dwelling Unit)
Multi-Family Standard (> 500 sq. ft.)	\$2,220
Multi-Family Small (≤ 500 sq. ft.)	1,730

- 3. **Non-Residential WCF for meters 1-1/2 inches and smaller (dollars per connection)**²
 For service connections with meters 1-1/2 inches and smaller, the District reserves the right to request specific water use information from the applicant to determine applicant’s estimated annual wastewater discharge flow and strength. The District reserves the right to determine the appropriate meter size and wastewater strength category to meet the applicant’s estimated annual wastewater discharge flow and strength and assess the WCF using this Section (A)(3). If the District determines that the applicant’s estimated annual wastewater discharge flow exceeds 1,390 gallons per day (gpd) or that a meter larger than 1-1/2 inches is required to meet the applicant’s needs, this Section (A)(3) no longer applies. For estimated annual wastewater discharge flows that exceed 1,390 gpd and meters larger than 1-1/2 inches, Section (A)(4) shall be used to determine the WCF based on the applicant’s estimated annual wastewater discharge flow and strength category. The District’s decision shall be final.

Strength Category	Meter Size		
	5/8 inch	3/4 & 1 inch	1-1/2 inch
Low	\$4,710	\$12,370	\$24,110
Medium	9,530	25,040	48,780
High	18,640	49,010	95,480



SCHEDULE G – WASTEWATER DEPARTMENT CAPACITY FEES

EFFECTIVE 07/01/23

4. Non-Residential (meter size over 1-1/2 inch)^{2, 4, 5}

The WCF for service connections with meters larger than 1-1/2 inch shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the per CCF WCF charge to the annual wastewater discharge flow calculated by the District for the appropriate strength category for the service connection.

Strength Category	\$/Ccf/year
Low	\$35.66
Medium	72.17
High	141.25

In no instance will the WCF for a meter larger than 1-1/2 inches be less than the 1-1/2 inch price for a given strength category.



SCHEDULE G – WASTEWATER DEPARTMENT CAPACITY FEES

EFFECTIVE 07/01/23

If the District has determined based on the water use information furnished that a meter larger than 1-1/2 inches is appropriate or if the estimated annual wastewater discharge exceeds 1,390 gpd, the WCF calculated from the District's estimate of annual wastewater discharge flow shall apply irrespective of the arrangement of the water metering or meter size at the premises.

Business Classification Code (BCC) Category: Low Strength

Code	Description
4500	Air Transportation
7542	Automobile Washing and Polishing
7215	Coin Operated Laundromats
3200	Earthenware Manufacturing
8060	Hospitals
7000	Hotels, Motels with Food Service
7300	Laboratories
3470	Metal Coating
3400	Metal Products Fabricating
3300	Primary Metals Manufacturing
8200	Schools
2820	Synthetic Material Manufacturing
	All Other Business Classification Codes (includes dischargers of only segregated domestic wastes from sanitary conveniences)

BCC Category: Medium Strength

Code	Description
2080	Beverage Manufacturing & Bottling
2840	Cleaning and Sanitation Products
7210	Commercial Laundries
2830	Drug Manufacturing
5812	Food Service Establishments
2030	Fruit and Vegetable Canning
2040	Grain Mills
2893	Ink and Pigment Manufacturing
2810	Inorganic Chemicals Manufacturing
2600	Pulp and Paper Products
2011	Slaughterhouses



SCHEDULE G – WASTEWATER DEPARTMENT CAPACITY FEES

EFFECTIVE 07/01/23

BCC Category: High Strength

Code	Description
2050	Bakeries (including Pastries)
2020	Dairy Product Processing
3410	Drum and Barrel Manufacturing
7218	Industrial Laundries
3110	Leather Tanning and Finishing
2010	Meat Products
2850	Paint Manufacturing
2077	Rendering Tallow
2090	Specialty Foods Manufacturing
2060	Sugar Processing

B. WCF for Permit Applicants

For applicants who are required to obtain a Wastewater Discharge Permit, the Wastewater Capacity Fee (WCF) is based on the applicant’s estimated annual wastewater discharge flow and strength concentrations listed on the applicant’s discharge permit at the time of application.

Permit Accounts ^{2, 4, 5, 6}

Flow (\$/ccf/year)	\$15.94
Chemical Oxygen Demand (COD) (\$/lb/year)	1.67
Total Suspended Solids (TSS) (\$/lb/year)	7.66

¹ Single Family is BCC 8800 Single Family.

² A credit may be provided for existing services. Where a new service will replace one or more existing or prior services to a premises that previously paid a WCF, a credit will be applied to the new WCF. For existing meters 1-1/2 inches and smaller, the value of the WCF credit will be determined using the flow and strength assumed in the original WCF and based on the current WCF schedule (for flow and strength), or based on the existing strength and meter size if the information from the original WCF is not available. For existing meters over 1-1/2 inches, the value of the WCF credit will be determined using the flow and strength assumed in the original WCF and based on the current WCF schedule (for flow and strength). If the flow and strength information is not available from the original WCF, the strength and flow from the most recent 10 years of usage and strength will be used to determine the WCF credit, provided that this value is not less than the value indicated in the schedule for the 1-1/2 inch meter.

For premises on which no WCF was paid, customers will be granted a credit for the existing use. For existing meters 1-1/2 inches and smaller, the WCF credit will be calculated based on the current WCF schedule for the existing meter size and strength. For existing meters over 1-1/2 inches, the WCF credit will be calculated based on the most recent 10 years of usage and strength for the existing meter, provided that this value is not less than the value indicated in the schedule for the 1-1/2 inch meter.

If the account is subject to an Estimation Permit, the usage credit will consider diversion. The WCF credit cannot be applied to a dedicated irrigation meter, standby meter, fire service meter, or in the case of a combination standard and fire service meter, the portion of the meter oversized for the private fire protection system.

³Multi-family includes BCC 6513 Apartment Buildings and 6514 Multi-Family.



SCHEDULE G – WASTEWATER DEPARTMENT CAPACITY FEES

EFFECTIVE 07/01/23

⁴ Capacity Fee is based on the anticipated annual flow contributions and the average wastewater strength measured or assigned for each classification of customer. The District may review the actual flow and strength within 24 months, once the business is fully established to verify the estimated demand for wastewater capacity. The review may result in the assessment of additional capacity fees if the actual flow and strength exceeds the original estimate.

⁵ For non-residential customers with projected treatment revenues equal to or greater than 0.1% of the total District treatment revenue, the calculated capacity fee will be reduced by a Rate Stabilization Factor of 25%. Projected treatment revenue will be based on permit conditions at the time of application or on average wastewater strength measured for each classification of customer if a permit is not required for discharge. Total District treatment revenue will be based on the budgeted fiscal year amount at the time of application.

⁶ Total fee is a summation of the unit rates for flow, COD, and TSS applied to the permit conditions at the time of application.

Wastewater Department

Schedule H

Wastewater Interceptor Connection Review, Coordination and Inspection Fee

FY 2024



**SCHEDULE H – WASTEWATER DEPARTMENT
WASTEWATER INTERCEPTOR CONNECTION REVIEW,
COORDINATION AND INSPECTION FEE**

EFFECTIVE 07/01/23~~2~~

TYPE	RATE
Plan Review, Project Coordination and Construction Inspection	\$ 12,400 <u>12,600</u>
Each Additional Connection ¹	10,100 <u>10,300</u>

¹ For additional connections submitted and constructed under the same project with the same design and pipe sizes



**SCHEDULE H – WASTEWATER DEPARTMENT
WASTEWATER INTERCEPTOR CONNECTION REVIEW,
COORDINATION AND INSPECTION FEE**

EFFECTIVE 07/01/23

TYPE	RATE
Plan Review, Project Coordination and Construction Inspection	\$12,600
Each Additional Connection ¹	10,300

¹ For additional connections submitted and constructed under the same project with the same design and pipe sizes

**Other District Schedules of Rates and Charges, Capacity Charges, and
Other Fees Not Subject to Proposition 218**

FY 2024

Recreation Use Fees for Calendar Year 2023 and 2024

Recreation Use Fees

Calendar Year 2023



RECREATION USE FEES FOR 2023
January – December 2023¹
EFFECTIVE 07/01/23

The following fees apply to use of the District's recreation facilities at Camanche Hills Hunting Preserve, Camanche Reservoir, Lafayette Reservoir, Pardee Reservoir, San Pablo Reservoir and on the District's Watershed Trail System.

All other (not included in this schedule) charges and fees for merchandise and services provided to the public in connection with the public uses of the recreation areas and facilities thereat shall be determined by the concessionaire or the District and shall be reasonable and consistent with charges for similar merchandise and services at similar locations.

General Discount Program – Discounts from fees listed may be offered in order to attract new customers and/or improve revenues. General discounts will be applied for specified time frames and apply fairly and uniformly. General discounts must be approved by the Director of Water and Natural Resources Department in advance.

District employees, retirees and immediate family receive free vehicle entry and boat launch, and a camping discount equal to the car entry fee (limit one per day).

Volunteer Discount Program – Free one-year Trail Use Permit and 50% discount on vehicle entry/parking and boat launch for those who contribute an annual minimum of 20 hours of volunteer work while participating in a District Volunteer Program.

Distinguished Veteran Discount Program – Holders of the California State Parks Distinguished Veteran Pass receive free day use and boat launch at all District recreation areas.

Fishing Access Permits are required for persons 16 years of age or older. Up to four children 15 years and under and accompanied by a person who possesses a valid CA fishing license and daily fishing access permit, may fish under that fishing access permit subject to the daily possession limit of the permit holder. Every accompanied child, over the allowed number of four, must have individual fishing access permits. Each child not accompanied by a fishing access permit holding adult must obtain his/her own fishing access permit.

No Fishing Access Permit is required on the two annual California Department of Fish and Wildlife Free Fishing Days.

¹Fee years are by calendar year for all locations except the Camanche Hills Hunting Preserve where fees are implemented earlier for the hunting year October 1 - September 30.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

CAMANCHE HILLS HUNTING PRESERVE¹	<u>USE FEE</u>
PRESERVE LICENSE:	
Initiation Fee (Family)	\$3,495.00
Initiation Fee (Corporate)	3,495.00
Annual Maintenance (Family)	300.00
Annual Maintenance (Corporate)	600.00
LICENSED GUIDE GOOSE HUNT (PER PERSON/HUNT)	200.00
BIRD PROCESSING: (PRICE PER EACH)	
Pheasant	4.50
Chukar	4.50
20-bird card (pheasant and chukar) for 20	70.00
Duck	5.00
Goose	10.00
Smoking (all birds)	7.50
DOG RENTAL	
Half Day	75.00
Full Day	140.00
Special Hunt	140.00
SPORTING CLAYS	
Full Round Course (100 targets)	42.00
Half Round Course (50 targets)	23.00
25 targets (5-Stand/Grouse bunker)	9.00
5 targets (Skeet/trap)	6.00
ARCHERY RANGE AND COURSE	
7 Station 3-D Target Course Per person	10.00
FISHING ACCESS TO RABBIT CREEK ARM OF CAMANCHE LAKE AND FARM PONDS LOCATED ON CHHP RECREATIONAL AREA	
Public Fishing Access	10.00
CHHP Members Access	5.00
FISHING ACCESS TO RABBIT CREEK ARM OF CAMANCHE LAKE	
Public Fishing Access: Bow for Carp	10.00

¹Fee years are by calendar year for all locations except the Camanche Hills Hunting Preserve where fees are implemented earlier for the hunting year October 1 - September 30.



RECREATION USE FEES FOR 2023
January – December 2023
 EFFECTIVE 07/01/23

CAMANCHE HILLS HUNTING PRESERVE
(continued)

USE FEE

RV Parking Area

Nightly	\$6.00
Clubhouse Rental (daily)	500.00
Kitchen Rental (daily)	500.00
Grounds (daily)	500.00

Camanche Hills Hunting Preserve
Discounts, Special Programs and Limitations

Pricing for planted bird hunting will be reviewed and approved by the Director of Water and Natural Resources.

Free bird hunting and sporting clays shooting is offered to the communications media, based on the availability of birds and sporting clays course.

Free use of the facilities is offered to non-profit hunting organizations for family, disabled and junior hunting functions.

A target shooting (sporting clay, trap, 5-stand and bunkers) discount of 15% is offered to Senior, Disabled, and active or retired military visitors.

A target shooting discount of 50% is offered to Distinguished Veteran Pass holders.

A driven pheasant shoot discount of 15% is offered to Senior, Disabled, active or retired military, and Distinguished Veteran Pass holders.

An RV parking discount of 50% is offered to Senior, Disabled and Distinguished Veteran Pass holders.

Daily field trial events are permitted on a limited basis. Fees range from \$0 for qualified non-profit organizations to a maximum of \$200.00.

EBMUD employees and retirees, concession employees and Tri-County (Amador, Calaveras and San Joaquin) Public Safety Personnel receive a 20% discount on food purchases and a 10% discount on sporting clays.

Discounts and incentives are separate and cannot be combined for a larger discount or incentive.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS**

USE FEE

VEHICLE ENTRY/PARKING

CAR/MOTORCYCLE/SMALL VAN

Daily (Peak Season: May 1-September 30, weekends and holidays)	\$18.00
Daily (Off-season, Peak Season weekdays)	12.00
Nightly (non-camping)	12.00
Annual (12 consecutive months)	225.00
Annual Senior/Disabled/Former POW/Disabled Veteran (12 Consecutive Months)	112.50
Combined Car/Boat Daily (Peak Season: May 1-September 30, weekends and holidays)	21.00
Combined Car/Boat Daily (Off-season, weekdays)	17.50
Annual Marina Overnight/Day Use (12 consecutive months)	245.00

**VEHICLE ENTRY/PARKING LARGE VANS
AND BUSES**

Large Vans – 10-20 Passengers	23.00
Buses – 21+ Passengers	44.00

DOG

Daily (Fee charged each day in park)	6.50
Annual (12 consecutive months concurrent with Annual Parking Pass)	55.00

BOAT LAUNCH

Daily Peak Season (May 1- Sept 30), weekends and holidays. (Fee charged each day in park.)	15.50
Daily Off-season; Peak Season weekdays. (Fee charged each day in park.)	12.00
Night (Fee charged each day in park)	14.00
Annual (12 consecutive months)	190.00
Senior/Disabled/Former POW/Disabled Veteran Annual (12 consecutive months)	95.00

BOAT MOORING (Buoy)

Monthly: under 30 feet	320.00
30 feet & larger	385.00
Annual (12 consecutive months, any length):	2,900.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

USE FEE

BOAT SLIP OPEN (Excluding park entry)

Daily	\$40.00
Weekly	190.00
Monthly	430.00
8 Months	1,595.00
Key Security Deposit	15.00

**BOAT SLIP COVERED – 24' Length Maximum
(Excluding park entry)**

Daily	55.00
Weekly	225.00
Monthly	600.00
Annual (12 consecutive months)	2,500.00
Key Security Deposit	55.00

**BOAT SLIP COVERED –Over 24' Length
(Excluding park entry)**

Daily	60.00
Weekly	300.00
Monthly	725.00
Annual (12 consecutive months)	3,100.00
Key Security Deposit	55.00

**RV/TRAILER/BOAT STORAGE (Excluding
park entry)**

Monthly	170.00
12 Months, consecutive	895.00
Monthly – 30' Length Maximum (Concurrent with Mooring/Slip Rental)	76.00
Monthly – Over 30' (Concurrent with Mooring/Slip Rental)	110.00
Annual – 30' Length Maximum (Concurrent with Mooring/Slip Rental) (12 consecutive months)	380.00
Annual – Over 30' (Concurrent with Mooring/Slip Rental) (12 consecutive months)	520.00
Annual – concurrent with Mobile Home Space rent (12 consecutive months)	450.00
Annual – concurrent with Mobile Home Space rent (<28', 1 boat only, dry #3) (12 consecutive months)	190.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

USE FEE

FISHING ACCESS PERMIT

Daily	\$7.25
Annual	150.00

CAMPSITE (w/vehicle parking)

Nightly (Peak Season: May 1 - September 30)	38.00
Nightly (Off-season)	25.00
Second Car Parking	17.00
Weekly (Peak Season: May 1 - September 30)	185.00
Weekly (Off-season)	122.00
Second Car Weekly	85.00
14 nights (Peak Season: May 1 - September 30)	370.00
14 nights (Off-season)	245.00
Camping Reservation Fee	12.00

PREMIUM CAMPSITES

Nightly (Peak Season: May 1 – September 30)	46.00
Nightly (Off-season)	27.00
Second Car Parking	17.00
Weekly (Peak Season: May 1 – September 30)	225.00
Second Car Weekly	85.00
14 nights (Peak Season: May 1 – September 30)	450.00
14 nights (Off-season)	264.00

CAMPSITES WITH TENT STRUCTURES

8 person nightly	85.50
16 person nightly	151.00
8 person weekly	428.50
16 person weekly	662.00

**CAMPSITE (WALK-IN/BICYCLE PARKING – 8
PERSON/BIKE MAX)**

Nightly	25.50
Weekly	138.50
14 nights	262.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/4/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

USE FEE

GROUP CAMP (Nightly)

12-Person Limit	\$121.00
16-Person Limit	146.00
24-Person Limit	171.50
32-Person Limit	227.00
64-Person Limit	429.00
72-Person Limit	480.00

GROUP CAMP (Nightly, off-season)

12-Person Limit	66.00
16-Person Limit	71.00
24-Person Limit	76.50
32-Person Limit	82.00
64-Person Limit	159.00
72-Person Limit	205.00

**EQUESTRIAN – TURKEY HILL – 2 HORSES
PER SINGLE SITE – “NO OFF-SEASON
DISCOUNTS”**

General Assembly Area	100.00
Turkey Hill Single	65.50
Turkey Hill Double	126.00
Turkey Hill Triple	151.50
Turkey Hill Quad	202.00
Entire Turkey Hill (includes assembly area)	730.00

RV SITE

Nightly	58.00
Weekly	333.50
Monthly	685.00
Season (6-Month Max)	1970.00
Premium Sites (Peak Season)	64.00
Premium Sites Weekly (Peak Season)	360.50

TOWING

Camanche Recreation Area per hour	165.00
-----------------------------------	--------

MISCELLANEOUS

Camanche Recreation Area Lake Tours	15.00
-------------------------------------	-------



RECREATION USE FEES FOR 2023
January – December 2023
 EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
 AND SOUTH SHORE RECREATION AREAS
 (continued)**

USE FEE

BOAT/VESSEL DECONTAMINATION

Vessel decontamination (up to 30')	\$35.00
Vessels over 30' in length	35.00 + 5.00 for each 5' over 30'
Ballast tanks decontamination	10.00
Tank, bilge, live well decontamination only	25.00
PWC storage area decontamination only	25.00
Kayaks and Canoes decontamination	25.00

COTTAGE/MOTEL GENERAL

Camanche Recreation Area – Security Deposit	200.00
Additional Guest Charge (to maximum occupancy)	20.00

COTTAGE (4-Person Base)

May – Sept: Night	200.00
Week	1,050.00
Oct – April: Night	135.00
Week	710.00
Month	1,900.00

COTTAGE (6-Person Base)

May – Sept: Night	260.00
Week	1,365.00
Oct – April: Night	170.00
Week	892.50
Month	2,100.00

PARK MODEL (4-Person)

May – Sept: Night	300.00
Week	1,575.00
Oct – April: Night	225.00
Week	1,181.00
Month	3,000.00

**RESORT RENTAL (4 BEDROOM, 14 PERSON
 MAX)**

May – Sept: Night	445.00
Week	2,340.00
Oct – April: Night	235.00
Week	1,235.00



RECREATION USE FEES FOR 2023
January – December 2023
 EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
 AND SOUTH SHORE RECREATION AREAS
 (continued)**

USE FEE

MOBILE HOME (MONTHLY)

3 bedroom

\$929.77 +
HUD FMR²

MOBILE HOME SPACES (MONTHLY)

North Shore 1A

511.07* +
HUD FMR²

North Shore 1B

537.79* +
HUD FMR²

North Shore 2

618.02* +
HUD FMR²

South Shore

540.79* +
HUD FMR²

*Mobile homes registered through Amador County receive a \$2.50 credit on their monthly rent to reflect their payment of fire-related fees.

**OTHER MOBILE HOME FEES (Per Space –
 Monthly)**

Guest Fee

75.00

Late Rent/Returned Check Fee

50.00

FACILITY RENTAL

Lakeside Hall Daily (hall only)

825.00

Lakeside Hall Daily (kitchen & service ware
 included)

1,200.00

Lakeside Hall Cleaning and Equipment Deposit

1,000.00

Camanche Clubhouse Rental (North Shore)

195.00

Camanche Clubhouse Rental (South Shore)

140.00

²HUD FMR is the Housing and Urban Development Fair Market Rents Index which is published by HUD each October. The mobile home rental space rate will be adjusted annually based on the percent change in the HUD FMR index for 2-bedroom homes averaged for Amador and Calaveras Counties.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

Camanche Reservoir – North and South Shore Recreation Area Discounts, Special Programs, Limitations

Concessionaire Employees receive free entrance to and use of rental boats during off-hours, a 20% discount on food and merchandise, and a camping discount equal to the car entrance fee. Limited to one free vehicle entry and one free boat rental per employee per day.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Current Camanche Regional Park Advisory Board members and active field public safety personnel in Amador, Calaveras and San Joaquin County receive free day use entry.

Senior/Disabled receive 50% discount on annual entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Active, reserve, retired, and veteran military personnel receive 20% discount on day use entry, boat rentals, (excluding rental of the party barge), camping and short-term (14-day) RV sites and lodging. Military identification required. Discount may not be combined with other offers.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Mobilehome Park Tenants receive 50% off non-holiday weekday boat rentals and additional 25% off for qualifying Senior/Disabled/Former POW/Disabled Veteran tenants; special additional incentives for non-holiday Tuesday boat rentals; a 40% discount on off-season monthly open slip, covered slip and mooring buoy fees; and a 10% discount on regularly priced marina/store items not including fishing access permits, fishing license, prepared food/beverage, gasoline and propane.

Groups of four or less individuals meeting the criteria for disabled discounts shall be eligible to rent the 6-person ADA cottages at Camanche for the 4-person cottage rate.

Turkey Hill Equestrian Campground single site customers renting larger spaces due to single sites being occupied shall be charged the lesser prorated rate.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry and camping fees.

Short-term visitor passes may be issued for periods up to one-hour.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

Camanche Reservoir – North and South Shore Recreation Area Discounts, Special Programs, Limitations (continued)

Campsite charges include one vehicle entry, and RV site charges include a second/tow vehicle. Monthly and Seasonal RV Park fees include one vehicle entry, but do not include electricity charge. Electricity is metered and charged separately. Each of the daily charges, except the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from one hour before sunrise until one hour after sunset.

Fishing access permits are valid until midnight of said day.

Each of the weekly charges shall be valid and effective for the calendar week in which the charge is made, terminating at 1:00 p.m. on the seventh consecutive day of said period. The seasonal charges noted for each recreation area shall be valid and effective for a period not exceeding 24 consecutive hours and terminating at 1:00 p.m. during said period.

Check out time for all RV sites is 1:00 p.m.

Peak Season is May 1 – September 30. Off-season is October 1 – April 30.

Premium Campsite or Premium RV site is a site that due to enhanced amenities, waterfront access or other special features is rented at a higher rate than a standard site.

Standard campsites may have a maximum of 8 people and 2 vehicles.

Short-term visitor passes may be issued for periods of up to one-hour.



RECREATION USE FEES FOR 2023
January – December 2023
 EFFECTIVE 07/01/23

LAFAYETTE RECREATION AREA

USE FEE

**ENTRY AND PARKING –
 CAR/MOTORCYCLE/SMALL VAN**

Daily	\$7.00
Annual (new or renewal)	120.00
Annual (new or renewal) 2 years	240.00
Replacement hang-tag (Replacement limited to 1 hang-tag per year)	25.00
Parking Meters 1/2 hour Senior/Disabled	0.75
Season (new or renewal)	80.00
Season (new or renewal) 2 years	160.00

**ENTRY AND PARKING –
 LARGE VANS AND BUSES**

Large Vans – 10-20 Passengers	18.00
Buses – 21+ Passengers	33.00

DOG (no charge)

COMMERCIAL USES (in addition to the base fee noted below, the Director of Water and Natural Resources may set an additional fee to recover the District’s direct costs plus overhead)

Commercial Use	
Small (up to 10 people)	100.00
Medium (from 11 to 50 people)	500.00
Large (from 51 to 150 people)	1,000.00

BOAT LAUNCH

Daily	4.00
Annual	50.00
Boat Inspection Fee	6.00

FISHING ACCESS

Daily	5.00
-------	------

GROUP PICNIC

Small Site (Weekend/Holiday)	200.00
Small Site (Weekday/Non-Holiday)	100.00
Large Site (Weekend/Holiday)	350.00
Large Site (Weekday/Non-Holiday)	175.00
Special Events Fee	500.00 + \$1/participant



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

Lafayette Reservoir – Discounts, Special Programs, Limitations

District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Senior/Disabled receive 50% discount on boat launch fees and on non-holiday weekday boat rentals. Senior rates are for individuals with a drivers' license showing age 62 or older.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

PARDEE RECREATION AREA	<u>USE FEE</u>
VEHICLE ENTRY AND PARKING – CAR/MOTORCYCLE/SMALL VAN	
Daily/Nightly (Non-Camping)	\$10.00
Season	118.00
Combined Car/Boat Daily	16.00
VEHICLE ENTRY AND PARKING – LARGE VANS AND BUSES	
Large Vans – 10-20 Passengers	22.00
Buses – 21+ Passengers	38.00
DOG	
Daily (Fee charged each day in park)	5.00
Season (Concurrent with Season Parking Pass)	50.00
STANDARD BOAT LAUNCH	
Daily (Fee charged each day in park)	10.00
Season	110.00
CARTOP BOAT LAUNCH (Float Tube, Kayak, Canoe, Scull)	
Daily	5.00
Season	44.00
BOAT SLIP (excluding park entry)	
Daily	10.00
Weekly	50.00
Monthly	120.00
Season	690.00
Season (concurrent with season RV)	640.00
FISHING ACCESS	
Daily	7.25
Annual	200.00
MISCELLANEOUS	
RV/Campsite Reservation Fee	10.00
STANDARD CAMPSITE (w/vehicle parking)	
Nightly	25.00
Second Car Parking	10.00
Weekly	150.00
Second Car Parking	60.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

PARDEE RECREATION AREA (continued)	<u>USE FEE</u>
PREMIUM CAMPSITE (w/vehicle parking)	
Nightly	\$30.00
Weekly	180.00
CAMPSITE (walk-in/bicycle parking) (8 person/8 bike maximum)	
Nightly	23.00
Weekly	138.00
DOUBLE CAMPSITE (16 people/2 vehicles)	
Nightly	50.00
Third or Fourth Vehicle	10.00
RV SITE	
Nightly	40.00
Weekly	240.00
Monthly	520.00
Season	4,095.00
Season – Premium Site	4,225.00
RV/TRAILER/BOAT STORAGE (excluding park entry)	
Weekly	30.00
Monthly	70.00
Season	510.00
Season – concurrent with season RV site	445.00
12-Month Consecutive	670.00
TOWING	80.00
RESERVABLE SITE/FACILITY (charges in addition to above fees)	
Small (25 or less people)	70.00
Medium (26-100 people)	100.00
Large (101-150 people)	150.00
Over 150 people	265.00
Café/Pool Day Use Area (refundable deposit)	60.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

PARDEE RESERVOIR – DISCOUNTS, SPECIAL PROGRAMS, LIMITATIONS

Concessionaire Employees receive free entrance to and use of rental boats during off-season hours, a 20% discount on food and merchandise, and a camping discount equal to the car entrance fee. Limited to one free vehicle entry and one free boat rental per employee per day.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Current Camanche Regional Park Advisory Board members and active field public safety personnel in Amador, Calaveras and San Joaquin County receive free day use entry.

Senior/Disabled receive 50% discount on annual entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Active, reserve, retired, and veteran military personnel receive 20% discount on day use entry, boat rentals, (excluding Deluxe Pontoon), and dry camping (excluding RV hook-up sites). Military identification required. Discount may not be combined with other offers.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry and camping fees.

Campsite charges include one vehicle entry, and RV site charges include a second/tow vehicle.

Monthly and Seasonal RV Park fees include one vehicle entry, but do not include electricity charge. Electricity is metered and charged separately.

Each of the daily charges, except the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from one hour before sunrise until one hour after sunset. Fishing access permits are valid until midnight of said day.

Each of the weekly charges shall be valid and effective for the calendar week in which the charge is made, terminating at 1:00 p.m. on the seventh consecutive day of said period.

Each of the nightly charges shall be valid and effective for a period not exceeding 24 consecutive hours and terminating at 1:00 p.m. during said period.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

PARDEE RESERVOIR – DISCOUNTS, SPECIAL PROGRAMS, LIMITATIONS
(continued)

Premium Campsite or Premium RV site is a site that due to enhanced amenities, waterfront access or other special features is rented at a higher rate than a standard site.

Standard campsites may have a maximum of 8 people and 2 vehicles.

Short-term visitor passes may be issued for periods up to one hour.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

SAN PABLO RECREATION AREA	<u>USE FEE</u>
ENTRY AND PARKING – CAR/MOTORCYCLE/SMALL VAN	
Daily	\$7.00
Daily (Special Events)	5.00
Season	120.00
ENTRY AND PARKING – LARGE VANS AND BUSES	
Large Vans – 10-20 Passengers	22.00
Buses – 21+ Passengers	40.00
DOG	3.00
COMMERCIAL USES (in addition to the base fee noted below, the Director of Water and Natural Resources may set an additional fee to recover the District’s direct costs plus overhead)	
Small (up to 10 people)	120.00
Medium (from 11 to 50 people)	600.00
Large (from 51 to 150 people)	1,200.00
STANDARD BOAT LAUNCH	
Daily	8.00
Season (Entry & Boat Launch)	170.00
Boat Inspection Fee	6.00
CARTOP BOAT LAUNCH (Float Tube, Kayak, Canoe, Scull)	
Daily	4.00
Season (Entry and Cartop Launch)	124.00
FISHING ACCESS	
Daily	6.00
GROUP PICNIC	
Large Sites (Oaks) daily	300.00
Large Sites (Pines) daily	200.00
GAZEBO	90.00
TOWING	50.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

SAN PABLO RECREATION AREA (continued)

USE FEE

VISITOR CENTER & DECK RENTAL

Weekday	\$200.00
2 consecutive days	350.00
3 consecutive days	500.00
Weekday Evening (minimum charge for up to 3 hours)	250.00
Extra hours	70.00
Weekend Evening (minimum charge for up to 5 hours)	400.00
Extra hours	70.00
Event Cleaning and Damage Deposit	350.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

SAN PABLO RESERVOIR – Discounts, Special Programs, Limitations

Concessionaire Employees receive free entrance to and use of rental boats during off-season hours, a 20% discount on food and merchandise. The discount is limited to one free vehicle entry and one free boat rental per employee per day. To qualify, a concession employee must work a minimum of 20 hours per week, Sunday through Saturday.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Each of the daily charges, including the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from the time the park opens until it closes each day.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry fees.

Senior/Disabled receive 50% discount on seasonal and 3-month entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Unless determined otherwise, the recreation season is mid-February through November (dates selected by concessionaire with District approval).



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

WATERSHED TRAIL SYSTEM

USE FEE

WATERSHED TRAILS

Daily Permit	\$3.00
Annual Permit	10.00
Three-Year Permit	20.00
Five-Year Permit	30.00
Low-income Annual Permit	0.00



RECREATION USE FEES FOR 2023
January – December 2023¹
EFFECTIVE 07/01/23

The following fees apply to use of the District's recreation facilities at Camanche Hills Hunting Preserve, Camanche Reservoir, Lafayette Reservoir, Pardee Reservoir, San Pablo Reservoir and on the District's Watershed Trail System.

All other (not included in this schedule) charges and fees for merchandise and services provided to the public in connection with the public uses of the recreation areas and facilities thereat shall be determined by the concessionaire or the District and shall be reasonable and consistent with charges for similar merchandise and services at similar locations.

General Discount Program – Discounts from fees listed may be offered in order to attract new customers and/or improve revenues. General discounts will be applied for specified time frames and apply fairly and uniformly. General discounts must be approved by the Director of Water and Natural Resources Department in advance.

District employees, retirees and immediate family receive free vehicle entry and boat launch, and a camping discount equal to the car entry fee (limit one per day).

Volunteer Discount Program – Free one-year Trail Use Permit and 50% discount on vehicle entry/parking and boat launch for those who contribute an annual minimum of 20 hours of volunteer work while participating in a District Volunteer Program.

Distinguished Veteran Discount Program – Holders of the California State Parks Distinguished Veteran Pass receive free day use and boat launch at all District recreation areas.

Fishing Access Permits are required for persons 16 years of age or older. Up to four children 15 years and under and accompanied by a person who possesses a valid CA fishing license and daily fishing access permit, may fish under that fishing access permit subject to the daily possession limit of the permit holder. Every accompanied child, over the allowed number of four, must have individual fishing access permits. Each child not accompanied by a fishing access permit holding adult must obtain his/her own fishing access permit.

No Fishing Access Permit is required on the two annual California Department of Fish and Wildlife Free Fishing Days.

¹Fee years are by calendar year for all locations except the Camanche Hills Hunting Preserve where fees are implemented earlier for the hunting year October 1 - September 30.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

CAMANCHE HILLS HUNTING PRESERVE¹	<u>USE FEE</u>
PRESERVE LICENSE:	
Initiation Fee (Family)	\$3,495.00
Initiation Fee (Corporate)	3,495.00
Annual Maintenance (Family)	300.00
Annual Maintenance (Corporate)	600.00
LICENSED GUIDE GOOSE HUNT (PER PERSON/HUNT)	200.00
BIRD PROCESSING: (PRICE PER EACH)	
Pheasant	4.50
Chukar	4.50
20-bird card (pheasant and chukar) for 20	70.00
Duck	5.00
Goose	10.00
Smoking (all birds)	7.50
DOG RENTAL	
Half Day	75.00
Full Day	140.00
Special Hunt	140.00
SPORTING CLAYS	
Full Round Course (100 targets)	42.00
Half Round Course (50 targets)	23.00
25 targets (5-Stand/Grouse bunker)	9.00
5 targets (Skeet/trap)	6.00
ARCHERY RANGE AND COURSE	
7 Station 3-D Target Course Per person	10.00
FISHING ACCESS TO RABBIT CREEK ARM OF CAMANCHE LAKE AND FARM PONDS LOCATED ON CHHP RECREATIONAL AREA	
Public Fishing Access	10.00
CHHP Members Access	5.00
FISHING ACCESS TO RABBIT CREEK ARM OF CAMANCHE LAKE	
Public Fishing Access: Bow for Carp	10.00

¹Fee years are by calendar year for all locations except the Camanche Hills Hunting Preserve where fees are implemented earlier for the hunting year October 1 - September 30.



RECREATION USE FEES FOR 2023
January – December 2023
 EFFECTIVE 07/01/23

CAMANCHE HILLS HUNTING PRESERVE
(continued)

USE FEE

RV Parking Area

Nightly	\$6.00
Clubhouse Rental (daily)	500.00
Kitchen Rental (daily)	500.00
Grounds (daily)	500.00

Camanche Hills Hunting Preserve
Discounts, Special Programs and Limitations

Pricing for planted bird hunting will be reviewed and approved by the Director of Water and Natural Resources.

Free bird hunting and sporting clays shooting is offered to the communications media, based on the availability of birds and sporting clays course.

Free use of the facilities is offered to non-profit hunting organizations for family, disabled and junior hunting functions.

A target shooting (sporting clay, trap, 5-stand and bunkers) discount of 15% is offered to Senior, Disabled, and active or retired military visitors.

A target shooting discount of 50% is offered to Distinguished Veteran Pass holders.

A driven pheasant shoot discount of 15% is offered to Senior, Disabled, active or retired military, and Distinguished Veteran Pass holders.

An RV parking discount of 50% is offered to Senior, Disabled and Distinguished Veteran Pass holders.

Daily field trial events are permitted on a limited basis. Fees range from \$0 for qualified non-profit organizations to a maximum of \$200.00.

EBMUD employees and retirees, concession employees and Tri-County (Amador, Calaveras and San Joaquin) Public Safety Personnel receive a 20% discount on food purchases and a 10% discount on sporting clays.

Discounts and incentives are separate and cannot be combined for a larger discount or incentive.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS**

USE FEE

VEHICLE ENTRY/PARKING

CAR/MOTORCYCLE/SMALL VAN

Daily (Peak Season: May 1-September 30, weekends and holidays)	\$18.00
Daily (Off-season, Peak Season weekdays)	12.00
Nightly (non-camping)	12.00
Annual (12 consecutive months)	225.00
Annual Senior/Disabled/Former POW/Disabled Veteran (12 Consecutive Months)	112.50
Combined Car/Boat Daily (Peak Season: May 1-September 30, weekends and holidays)	21.00
Combined Car/Boat Daily (Off-season, weekdays)	17.50
Annual Marina Overnight/Day Use (12 consecutive months)	245.00

**VEHICLE ENTRY/PARKING LARGE VANS
AND BUSES**

Large Vans – 10-20 Passengers	23.00
Buses – 21+ Passengers	44.00

DOG

Daily (Fee charged each day in park)	6.50
Annual (12 consecutive months concurrent with Annual Parking Pass)	55.00

BOAT LAUNCH

Daily Peak Season (May 1- Sept 30), weekends and holidays. (Fee charged each day in park.)	15.50
Daily Off-season; Peak Season weekdays. (Fee charged each day in park.)	12.00
Night (Fee charged each day in park)	14.00
Annual (12 consecutive months)	190.00
Senior/Disabled/Former POW/Disabled Veteran Annual (12 consecutive months)	95.00

BOAT MOORING (Buoy)

Monthly: under 30 feet	320.00
30 feet & larger	385.00
Annual (12 consecutive months, any length):	2,900.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

USE FEE

BOAT SLIP OPEN (Excluding park entry)

Daily	\$40.00
Weekly	190.00
Monthly	430.00
8 Months	1,595.00
Key Security Deposit	15.00

**BOAT SLIP COVERED – 24' Length Maximum
(Excluding park entry)**

Daily	55.00
Weekly	225.00
Monthly	600.00
Annual (12 consecutive months)	2,500.00
Key Security Deposit	55.00

**BOAT SLIP COVERED –Over 24' Length
(Excluding park entry)**

Daily	60.00
Weekly	300.00
Monthly	725.00
Annual (12 consecutive months)	3,100.00
Key Security Deposit	55.00

**RV/TRAILER/BOAT STORAGE (Excluding
park entry)**

Monthly	170.00
12 Months, consecutive	895.00
Monthly – 30' Length Maximum (Concurrent with Mooring/Slip Rental)	76.00
Monthly – Over 30' (Concurrent with Mooring/Slip Rental)	110.00
Annual – 30' Length Maximum (Concurrent with Mooring/Slip Rental) (12 consecutive months)	380.00
Annual – Over 30' (Concurrent with Mooring/Slip Rental) (12 consecutive months)	520.00
Annual – concurrent with Mobile Home Space rent (12 consecutive months)	450.00
Annual – concurrent with Mobile Home Space rent (<28', 1 boat only, dry #3) (12 consecutive months)	190.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

USE FEE

FISHING ACCESS PERMIT

Daily	\$7.25
Annual	150.00

CAMPSITE (w/vehicle parking)

Nightly (Peak Season: May 1 - September 30)	38.00
Nightly (Off-season)	25.00
Second Car Parking	17.00
Weekly (Peak Season: May 1 - September 30)	185.00
Weekly (Off-season)	122.00
Second Car Weekly	85.00
14 nights (Peak Season: May 1 - September 30)	370.00
14 nights (Off-season)	245.00
Camping Reservation Fee	12.00

PREMIUM CAMPSITES

Nightly (Peak Season: May 1 – September 30)	46.00
Nightly (Off-season)	27.00
Second Car Parking	17.00
Weekly (Peak Season: May 1 – September 30)	225.00
Second Car Weekly	85.00
14 nights (Peak Season: May 1 – September 30)	450.00
14 nights (Off-season)	264.00

CAMPSITES WITH TENT STRUCTURES

8 person nightly	85.50
16 person nightly	151.00
8 person weekly	428.50
16 person weekly	662.00

**CAMPSITE (WALK-IN/BICYCLE PARKING – 8
PERSON/BIKE MAX)**

Nightly	25.50
Weekly	138.50
14 nights	262.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

USE FEE

GROUP CAMP (Nightly)

12-Person Limit	\$121.00
16-Person Limit	146.00
24-Person Limit	171.50
32-Person Limit	227.00
64-Person Limit	429.00
72-Person Limit	480.00

GROUP CAMP (Nightly, off-season)

12-Person Limit	66.00
16-Person Limit	71.00
24-Person Limit	76.50
32-Person Limit	82.00
64-Person Limit	159.00
72-Person Limit	205.00

**EQUESTRIAN – TURKEY HILL – 2 HORSES
PER SINGLE SITE – “NO OFF-SEASON
DISCOUNTS”**

General Assembly Area	100.00
Turkey Hill Single	65.50
Turkey Hill Double	126.00
Turkey Hill Triple	151.50
Turkey Hill Quad	202.00
Entire Turkey Hill (includes assembly area)	730.00

RV SITE

Nightly	58.00
Weekly	333.50
Monthly	685.00
Season (6-Month Max)	1970.00
Premium Sites (Peak Season)	64.00
Premium Sites Weekly (Peak Season)	360.50

TOWING

Camanche Recreation Area per hour	165.00
-----------------------------------	--------

MISCELLANEOUS

Camanche Recreation Area Lake Tours	15.00
-------------------------------------	-------



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

USE FEE

BOAT/VESSEL DECONTAMINATION

Vessel decontamination (up to 30')	\$35.00
Vessels over 30' in length	35.00 + 5.00 for each 5' over 30'
Ballast tanks decontamination	10.00
Tank, bilge, live well decontamination only	25.00
PWC storage area decontamination only	25.00
Kayaks and Canoes decontamination	25.00

COTTAGE/MOTEL GENERAL

Camanche Recreation Area – Security Deposit	200.00
Additional Guest Charge (to maximum occupancy)	20.00

COTTAGE (4-Person Base)

May – Sept: Night	200.00
Week	1,050.00
Oct – April: Night	135.00
Week	710.00
Month	1,900.00

COTTAGE (6-Person Base)

May – Sept: Night	260.00
Week	1,365.00
Oct – April: Night	170.00
Week	892.50
Month	2,100.00

PARK MODEL (4-Person)

May – Sept: Night	300.00
Week	1,575.00
Oct – April: Night	225.00
Week	1,181.00
Month	3,000.00

**RESORT RENTAL (4 BEDROOM, 14 PERSON
MAX)**

May – Sept: Night	445.00
Week	2,340.00
Oct – April: Night	235.00
Week	1,235.00



RECREATION USE FEES FOR 2023
January – December 2023
 EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
 AND SOUTH SHORE RECREATION AREAS
 (continued)**

USE FEE

MOBILE HOME (MONTHLY)

3 bedroom

\$929.77 +
HUD FMR²

MOBILE HOME SPACES (MONTHLY)

North Shore 1A

511.07* +
HUD FMR²

North Shore 1B

537.79* +
HUD FMR²

North Shore 2

618.02* +
HUD FMR²

South Shore

540.79* +
HUD FMR²

*Mobile homes registered through Amador County receive a \$2.50 credit on their monthly rent to reflect their payment of fire-related fees.

**OTHER MOBILE HOME FEES (Per Space –
 Monthly)**

Guest Fee

75.00

Late Rent/Returned Check Fee

50.00

FACILITY RENTAL

Lakeside Hall Daily (hall only)

825.00

Lakeside Hall Daily (kitchen & service ware
 included)

1,200.00

Lakeside Hall Cleaning and Equipment Deposit

1,000.00

Camanche Clubhouse Rental (North Shore)

195.00

Camanche Clubhouse Rental (South Shore)

140.00

²HUD FMR is the Housing and Urban Development Fair Market Rents Index which is published by HUD each October. The mobile home rental space rate will be adjusted annually based on the percent change in the HUD FMR index for 2-bedroom homes averaged for Amador and Calaveras Counties.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

Camanche Reservoir – North and South Shore Recreation Area Discounts, Special Programs, Limitations

Concessionaire Employees receive free entrance to and use of rental boats during off-hours, a 20% discount on food and merchandise, and a camping discount equal to the car entrance fee. Limited to one free vehicle entry and one free boat rental per employee per day.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Current Camanche Regional Park Advisory Board members and active field public safety personnel in Amador, Calaveras and San Joaquin County receive free day use entry.

Senior/Disabled receive 50% discount on annual entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Active, reserve, retired, and veteran military personnel receive 20% discount on day use entry, boat rentals, (excluding rental of the party barge), camping and short-term (14-day) RV sites and lodging. Military identification required. Discount may not be combined with other offers.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Mobilehome Park Tenants receive 50% off non-holiday weekday boat rentals and additional 25% off for qualifying Senior/Disabled/Former POW/Disabled Veteran tenants; special additional incentives for non-holiday Tuesday boat rentals; a 40% discount on off-season monthly open slip, covered slip and mooring buoy fees; and a 10% discount on regularly priced marina/store items not including fishing access permits, fishing license, prepared food/beverage, gasoline and propane.

Groups of four or less individuals meeting the criteria for disabled discounts shall be eligible to rent the 6-person ADA cottages at Camanche for the 4-person cottage rate.

Turkey Hill Equestrian Campground single site customers renting larger spaces due to single sites being occupied shall be charged the lesser prorated rate.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry and camping fees.

Short-term visitor passes may be issued for periods up to one-hour.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

Camanche Reservoir – North and South Shore Recreation Area Discounts, Special Programs, Limitations (continued)

Campsite charges include one vehicle entry, and RV site charges include a second/tow vehicle. Monthly and Seasonal RV Park fees include one vehicle entry, but do not include electricity charge. Electricity is metered and charged separately. Each of the daily charges, except the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from one hour before sunrise until one hour after sunset.

Fishing access permits are valid until midnight of said day.

Each of the weekly charges shall be valid and effective for the calendar week in which the charge is made, terminating at 1:00 p.m. on the seventh consecutive day of said period. The seasonal charges noted for each recreation area shall be valid and effective for a period not exceeding 24 consecutive hours and terminating at 1:00 p.m. during said period.

Check out time for all RV sites is 1:00 p.m.

Peak Season is May 1 – September 30. Off-season is October 1 – April 30.

Premium Campsite or Premium RV site is a site that due to enhanced amenities, waterfront access or other special features is rented at a higher rate than a standard site.

Standard campsites may have a maximum of 8 people and 2 vehicles.

Short-term visitor passes may be issued for periods of up to one-hour.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

LAFAYETTE RECREATION AREA

USE FEE

**ENTRY AND PARKING –
CAR/MOTORCYCLE/SMALL VAN**

Daily	\$7.00
Annual (new or renewal)	120.00
Annual (new or renewal) 2 years	240.00
Replacement hang-tag (Replacement limited to 1 hang-tag per year)	25.00
Parking Meters 1/2 hour Senior/Disabled	0.75
Season (new or renewal)	80.00
Season (new or renewal) 2 years	160.00

**ENTRY AND PARKING –
LARGE VANS AND BUSES**

Large Vans – 10-20 Passengers	18.00
Buses – 21+ Passengers	33.00

DOG (no charge)

COMMERCIAL USES (in addition to the base fee noted below, the Director of Water and Natural Resources may set an additional fee to recover the District's direct costs plus overhead)

Commercial Use	
Small (up to 10 people)	100.00
Medium (from 11 to 50 people)	500.00
Large (from 51 to 150 people)	1,000.00

BOAT LAUNCH

Daily	4.00
Annual	50.00
Boat Inspection Fee	6.00

FISHING ACCESS

Daily	5.00
-------	------

GROUP PICNIC

Small Site (Weekend/Holiday)	200.00
Small Site (Weekday/Non-Holiday)	100.00
Large Site (Weekend/Holiday)	350.00
Large Site (Weekday/Non-Holiday)	175.00
Special Events Fee	500.00 + \$1/participant



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

Lafayette Reservoir – Discounts, Special Programs, Limitations

District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Senior/Disabled receive 50% discount on boat launch fees and on non-holiday weekday boat rentals. Senior rates are for individuals with a drivers' license showing age 62 or older.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

PARDEE RECREATION AREA	<u>USE FEE</u>
VEHICLE ENTRY AND PARKING – CAR/MOTORCYCLE/SMALL VAN	
Daily/Nightly (Non-Camping)	\$10.00
Season	118.00
Combined Car/Boat Daily	16.00
VEHICLE ENTRY AND PARKING – LARGE VANS AND BUSES	
Large Vans – 10-20 Passengers	22.00
Buses – 21+ Passengers	38.00
DOG	
Daily (Fee charged each day in park)	5.00
Season (Concurrent with Season Parking Pass)	50.00
STANDARD BOAT LAUNCH	
Daily (Fee charged each day in park)	10.00
Season	110.00
CARTOP BOAT LAUNCH (Float Tube, Kayak, Canoe, Scull)	
Daily	5.00
Season	44.00
BOAT SLIP (excluding park entry)	
Daily	10.00
Weekly	50.00
Monthly	120.00
Season	690.00
Season (concurrent with season RV)	640.00
FISHING ACCESS	
Daily	7.25
Annual	200.00
MISCELLANEOUS	
RV/Campsite Reservation Fee	10.00
STANDARD CAMPSITE (w/vehicle parking)	
Nightly	25.00
Second Car Parking	10.00
Weekly	150.00
Second Car Parking	60.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

PARDEE RECREATION AREA (continued)	<u>USE FEE</u>
PREMIUM CAMPSITE (w/vehicle parking)	
Nightly	\$30.00
Weekly	180.00
CAMPSITE (walk-in/bicycle parking) (8 person/8 bike maximum)	
Nightly	23.00
Weekly	138.00
DOUBLE CAMPSITE (16 people/2 vehicles)	
Nightly	50.00
Third or Fourth Vehicle	10.00
RV SITE	
Nightly	40.00
Weekly	240.00
Monthly	520.00
Season	4,095.00
Season – Premium Site	4,225.00
RV/TRAILER/BOAT STORAGE (excluding park entry)	
Weekly	30.00
Monthly	70.00
Season	510.00
Season – concurrent with season RV site	445.00
12-Month Consecutive	670.00
TOWING	80.00
RESERVABLE SITE/FACILITY (charges in addition to above fees)	
Small (25 or less people)	70.00
Medium (26-100 people)	100.00
Large (101-150 people)	150.00
Over 150 people	265.00
Café/Pool Day Use Area (refundable deposit)	60.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

PARDEE RESERVOIR – DISCOUNTS, SPECIAL PROGRAMS, LIMITATIONS

Concessionaire Employees receive free entrance to and use of rental boats during off-season hours, a 20% discount on food and merchandise, and a camping discount equal to the car entrance fee. Limited to one free vehicle entry and one free boat rental per employee per day.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Current Camanche Regional Park Advisory Board members and active field public safety personnel in Amador, Calaveras and San Joaquin County receive free day use entry.

Senior/Disabled receive 50% discount on annual entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Active, reserve, retired, and veteran military personnel receive 20% discount on day use entry, boat rentals, (excluding Deluxe Pontoon), and dry camping (excluding RV hook-up sites). Military identification required. Discount may not be combined with other offers.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry and camping fees.

Campsite charges include one vehicle entry, and RV site charges include a second/tow vehicle.

Monthly and Seasonal RV Park fees include one vehicle entry, but do not include electricity charge. Electricity is metered and charged separately.

Each of the daily charges, except the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from one hour before sunrise until one hour after sunset. Fishing access permits are valid until midnight of said day.

Each of the weekly charges shall be valid and effective for the calendar week in which the charge is made, terminating at 1:00 p.m. on the seventh consecutive day of said period.

Each of the nightly charges shall be valid and effective for a period not exceeding 24 consecutive hours and terminating at 1:00 p.m. during said period.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

PARDEE RESERVOIR – DISCOUNTS, SPECIAL PROGRAMS, LIMITATIONS
(continued)

Premium Campsite or Premium RV site is a site that due to enhanced amenities, waterfront access or other special features is rented at a higher rate than a standard site.

Standard campsites may have a maximum of 8 people and 2 vehicles.

Short-term visitor passes may be issued for periods up to one hour.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

SAN PABLO RECREATION AREA

USE FEE

**ENTRY AND PARKING –
CAR/MOTORCYCLE/SMALL VAN**

Daily	\$7.00
Daily (Special Events)	5.00
Season	120.00

**ENTRY AND PARKING –
LARGE VANS AND BUSES**

Large Vans – 10-20 Passengers	22.00
Buses – 21+ Passengers	40.00

DOG 3.00

COMMERCIAL USES (in addition to the base fee noted below, the Director of Water and Natural Resources may set an additional fee to recover the District’s direct costs plus overhead)

Small (up to 10 people)	120.00
Medium (from 11 to 50 people)	600.00
Large (from 51 to 150 people)	1,200.00

STANDARD BOAT LAUNCH

Daily	8.00
Season (Entry & Boat Launch)	170.00
Boat Inspection Fee	6.00

CARTOP BOAT LAUNCH (Float Tube, Kayak, Canoe, Scull)

Daily	4.00
Season (Entry and Cartop Launch)	124.00

FISHING ACCESS

Daily	6.00
-------	------

GROUP PICNIC

Large Sites (Oaks) daily	300.00
Large Sites (Pines) daily	200.00

GAZEBO 90.00

TOWING 50.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

SAN PABLO RECREATION AREA (continued)

USE FEE

VISITOR CENTER & DECK RENTAL

Weekday	\$200.00
2 consecutive days	350.00
3 consecutive days	500.00
Weekday Evening (minimum charge for up to 3 hours)	250.00
Extra hours	70.00
Weekend Evening (minimum charge for up to 5 hours)	400.00
Extra hours	70.00
Event Cleaning and Damage Deposit	350.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

SAN PABLO RESERVOIR – Discounts, Special Programs, Limitations

Concessionaire Employees receive free entrance to and use of rental boats during off-season hours, a 20% discount on food and merchandise. The discount is limited to one free vehicle entry and one free boat rental per employee per day. To qualify, a concession employee must work a minimum of 20 hours per week, Sunday through Saturday.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Each of the daily charges, including the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from the time the park opens until it closes each day.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry fees.

Senior/Disabled receive 50% discount on seasonal and 3-month entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Unless determined otherwise, the recreation season is mid-February through November (dates selected by concessionaire with District approval).



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

WATERSHED TRAIL SYSTEM

USE FEE

WATERSHED TRAILS

Daily Permit	\$3.00
Annual Permit	10.00
Three-Year Permit	20.00
Five-Year Permit	30.00
Low-income Annual Permit	0.00

Recreation Use Fees
Calendar Year 2024



RECREATION USE FEES FOR 2024³
January – December 2024³¹
EFFECTIVE 01/01/24³

The following fees apply to use of the District's recreation facilities at Camanche Hills Hunting Preserve, Camanche Reservoir, Lafayette Reservoir, Pardee Reservoir, San Pablo Reservoir and on the District's Watershed Trail System.

All other (not included in this schedule) charges and fees for merchandise and services provided to the public in connection with the public uses of the recreation areas and facilities thereat shall be determined by the concessionaire or the District and shall be reasonable and consistent with charges for similar merchandise and services at similar locations.

General Discount Program – Discounts from fees listed may be offered ~~in-order~~ to attract new customers and/or improve revenues. General discounts will be applied for specified time frames and apply fairly and uniformly. General discounts must be approved by the Director of Water and Natural Resources Department in advance.

District employees, retirees and immediate family receive free vehicle entry and boat launch, and a camping discount equal to the car entry fee (limit one per day).

Volunteer Discount Program – Free one-year Trail Use Permit and 50% discount on vehicle entry/parking and boat launch for those who contribute an annual minimum of 20 hours of volunteer work while participating in a District Volunteer Program.

Distinguished Veteran Discount Program – Holders of the California State Parks Distinguished Veteran Pass receive free day use and boat launch at all District recreation areas.

Fishing Access Permits are required for persons 16 years of age or older. Up to four children 15 years and under and accompanied by a person who possesses a valid CA fishing license and daily fishing access permit, may fish under that fishing access permit subject to the daily possession limit of the permit holder. Every accompanied child, over the allowed number of four, must have individual fishing access permits. Each child not accompanied by a fishing access permit holding adult must obtain his/her own fishing access permit.

No Fishing Access Permit is required on the two annual California Department of Fish and Wildlife Free Fishing Days.

¹Fee years are by calendar year for all locations except the Camanche Hills Hunting Preserve where fees are implemented earlier for the hunting year October 1 - September 30.



RECREATION USE FEES FOR 2024
January – December 2024~~3~~
 EFFECTIVE 01/01/24~~3~~

CAMANCHE HILLS HUNTING PRESERVE¹	<u>Current CY23</u>	<u>Proposed CY24</u>
PRESERVE LICENSE:		
Initiation Fee (Family)	\$3,495.00	\$3,495.00
Initiation Fee (Corporate)	3,495.00	3,495.00
Annual Maintenance (Family)	300.00	300.00
Annual Maintenance (Corporate)	600.00	600.00
LICENSED GUIDE GOOSE HUNT (PER PERSON/HUNT)	200.00	200.00
BIRD PROCESSING: (PRICE PER EACH)		
Pheasant	4.50	<u>5.00</u>
Chukar	4.50	<u>5.00</u>
20-bird card (pheasant and chukar) for 20	70.00	70.00
Duck	5.00	<u>5.50</u>
Goose	10.00	10.00
Smoking (all birds)	7.50	7.50
DOG RENTAL		
Half Day	75.00	<u>100.00</u>
Full Day	140.00	<u>175.00</u>
Special Hunt	140.00	<u>175.00</u>
SPORTING CLAYS		
Full Round Course (100 targets)	42.00	42.00
Half Round Course (50 targets)	23.00	23.00
25 targets (5-Stand/Grouse bunker)	9.00	9.00
5 targets (Skeet/trap)	6.00	6.00
ARCHERY RANGE AND COURSE		
7 Station 3-D Target Course Per person	10.00	<u>12.00</u>
FISHING ACCESS TO RABBIT CREEK ARM OF CAMANCHE LAKE AND FARM PONDS LOCATED ON CHHP RECREATIONAL AREA		
Public Fishing Access	10.00	10.00
CHHP Members Access	5.00	5.00
FISHING ACCESS TO RABBIT CREEK ARM OF CAMANCHE LAKE		
Public Fishing Access: Bow for Carp	10.00	10.00

¹Fee years are by calendar year for all locations except the Camanche Hills Hunting Preserve where fees are implemented earlier for the hunting year October 1 - September 30.



RECREATION USE FEES FOR 2024
January – December 2024³
EFFECTIVE 01/01/24³

CAMANCHE HILLS HUNTING PRESERVE
(continued)

Current CY23

Proposed CY24

RV PARKING AREA

Nightly	\$6.00	<u>\$10.00</u>
Clubhouse Rental (daily)	500.00	500.00
Kitchen Rental (daily)	500.00	500.00
Grounds (daily)	500.00	500.00



RECREATION USE FEES FOR 2024
January – December 2024~~3~~
EFFECTIVE 01/01/24~~3~~

Camanche Hills Hunting Preserve Discounts, Special Programs and Limitations

Pricing for planted bird hunting will be reviewed and approved by the Director of Water and Natural Resources.

Free bird hunting and sporting clays shooting is offered to the communications media, based on the availability of birds and sporting clays course.

Free use of the facilities is offered to non-profit hunting organizations for family, disabled and junior hunting functions.

A target shooting (sporting clay, trap, 5-stand and bunkers) discount of 15% is offered to Senior, Disabled, and active or retired military visitors.

A target shooting discount of 50% is offered to Distinguished Veteran Pass holders.

A driven pheasant shoot discount of 15% is offered to Senior, Disabled, active or retired military, and Distinguished Veteran Pass holders.

An RV parking discount of 50% is offered to Senior, Disabled and Distinguished Veteran Pass holders.

Daily field trial events are permitted on a limited basis. Fees range from \$0 for qualified non-profit organizations to a maximum of \$200.00.

EBMUD employees and retirees, concession employees and Tri-County (Amador, Calaveras and San Joaquin) Public Safety Personnel receive a 20% discount on food purchases and a 10% discount on sporting clays.

Discounts and incentives are separate and cannot be combined for a larger discount or incentive.



RECREATION USE FEES FOR 2024

January – December 2024~~3~~

EFFECTIVE 01/01/24~~3~~

CAMANCHE RESERVOIR – NORTH SHORE AND SOUTH SHORE RECREATION AREAS

Current CY23

Proposed CY24

VEHICLE ENTRY/PARKING

CAR/MOTORCYCLE/SMALL VAN

Daily (Peak Season: May 1-September 30, weekends and holidays)	\$18.00	<u>\$19.75</u>
Daily (Off-season, Peak Season weekdays)	12.00	12.00
Nightly (non-camping)	12.00	12.00
Annual (12 consecutive months)	225.00	225.00
Annual Senior/Disabled/Former POW/Disabled Veteran (12 Consecutive Months)	112.50	112.50
Combined Car/Boat Daily (Peak Season: May 1-September 30, weekends and holidays)	21.00	<u>23.00</u>
Combined Car/Boat Daily (Off-season, weekdays)	17.50	17.50
Annual Marina Overnight/Day Use (12 consecutive months)	245.00	245.00

VEHICLE ENTRY/PARKING LARGE VANS AND BUSES

Large Vans – 10-20 Passengers	23.00	23.00
Buses – 21+ Passengers	44.00	44.00

DOG

Daily (Fee charged each day in park)	6.50	6.50
Annual (12 consecutive months concurrent with Annual Parking Pass)	55.00	55.00

BOAT LAUNCH

Daily Peak Season (May 1- Sept 30), weekends and holidays. (Fee charged each day in park.)	15.50	<u>17.00</u>
Daily Off-season; Peak Season weekdays. (Fee charged each day in park.)	12.00	12.00
Night (Fee charged each day in park)	14.00	14.00
Annual (12 consecutive months)	190.00	190.00
Senior/Disabled/Former POW/Disabled Veteran Annual (12 consecutive months)	95.00	95.00

BOAT MOORING (Buoy)

Monthly: under 30 feet	320.00	320.00
30 feet & larger	385.00	385.00
Annual (12 consecutive months, any length):	2,900.00	2,900.00



RECREATION USE FEES FOR 2024

January – December 2024³

EFFECTIVE 01/01/24³

CAMANCHE RESERVOIR – NORTH SHORE AND SOUTH SHORE RECREATION AREAS (continued)

Current CY23

Proposed CY24

BOAT SLIP OPEN (Excluding park entry)

Daily	\$40.00	\$40.00
Weekly	190.00	190.00
Monthly	430.00	430.00
8 Months	1,595.00	1,595.00
Key Security Deposit	15.00	15.00

BOAT SLIP COVERED – 24' Length Maximum (Excluding park entry)

Daily	55.00	55.00
Weekly	225.00	225.00
Monthly	600.00	600.00
Annual (12 consecutive months)	2,500.00	2,500.00
Key Security Deposit	55.00	55.00

BOAT SLIP COVERED –Over 24' Length (Excluding park entry)

Daily	60.00	60.00
Weekly	300.00	300.00
Monthly	725.00	725.00
Annual (12 consecutive months)	3,100.00	3,100.00
Key Security Deposit	55.00	55.00

RV/TRAILER/BOAT STORAGE (Excluding park entry)

Monthly	170.00	170.00
12 Months, consecutive	895.00	895.00
Monthly – 30' Length Maximum (Concurrent with Mooring/Slip Rental)	76.00	76.00
Monthly – Over 30' (Concurrent with Mooring/Slip Rental)	110.00	110.00
Annual – 30' Length Maximum (Concurrent with Mooring/Slip Rental) (12 consecutive months)	380.00	380.00
Annual – Over 30' (Concurrent with Mooring/Slip Rental) (12 consecutive months)	520.00	520.00
Annual – concurrent with Mobile Home Space rent (12 consecutive months)	450.00	450.00
Annual – concurrent with Mobile Home Space rent (<28', 1 boat only, dry #3) (12 consecutive months)	190.00	190.00



RECREATION USE FEES FOR 2024

January – December 2024³

EFFECTIVE 01/01/24³

CAMANCHE RESERVOIR – NORTH SHORE AND SOUTH SHORE RECREATION AREAS (continued)

Current CY23

Proposed CY24

FISHING ACCESS PERMIT

Daily	\$7.25	<u>\$7.75</u>
Annual	150.00	<u>160.00</u>

CAMPSITE (w/vehicle parking)

Nightly (Peak Season: May 1 - September 30)	38.00	<u>41.75</u>
Nightly (Off-season)	25.00	25.00
Second Car Parking	17.00	<u>18.00</u>
Weekly (Peak Season: May 1 - September 30)	185.00	185.00
Weekly (Off-season)	122.00	122.00
Second Car Weekly	85.00	85.00
14 nights (Peak Season: May 1 - September 30)	370.00	370.00
14 nights (Off-season)	245.00	245.00
Camping Reservation Fee	12.00	<u>13.00</u>

PREMIUM CAMPSITES

Nightly (Peak Season: May 1 – September 30)	46.00	<u>50.00</u>
Nightly (Off-season)	27.00	27.00
Second Car Parking	17.00	<u>18.00</u>
Weekly (Peak Season: May 1 – September 30)	225.00	225.00
Second Car Weekly	85.00	85.00
14 nights (Peak Season: May 1 – September 30)	450.00	450.00
14 nights (Off-season)	264.00	264.00

CAMPSITES WITH TENT STRUCTURES

8 person nightly	85.50	85.50
8 person weekly	428.50	428.50
16 person nightly	151.00	151.00
16 person weekly	662.00	662.00

CAMPSITE (WALK-IN/BICYCLE PARKING – 8 PERSON/BIKE MAX)

Nightly	25.50	25.50
Weekly	138.50	138.50
14 nights	262.00	262.00



RECREATION USE FEES FOR 2024
January – December 2024³
EFFECTIVE 01/01/24³

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

Current CY23

Proposed CY24

GROUP CAMP (Nightly)

12-Person Limit	\$121.00	<u>\$133.00</u>
16-Person Limit	146.00	<u>161.00</u>
24-Person Limit	171.50	<u>189.00</u>
32-Person Limit	227.00	<u>250.00</u>
64-Person Limit	429.00	<u>474.00</u>
72-Person Limit	480.00	<u>525.00</u>

GROUP CAMP (Nightly, off-season)

12-Person Limit	66.00	66.00
16-Person Limit	71.00	71.00
24-Person Limit	76.50	76.50
32-Person Limit	82.00	82.00
64-Person Limit	159.00	159.00
72-Person Limit	205.00	205.00

**EQUESTRIAN – TURKEY HILL – 2 HORSES
PER SINGLE SITE – “NO OFF-SEASON
DISCOUNTS”**

General Assembly Area	100.00	100.00
Turkey Hill Single	65.50	65.50
Turkey Hill Double	126.00	126.00
Turkey Hill Triple	151.50	151.50
Turkey Hill Quad	202.00	202.00
Entire Turkey Hill (includes assembly area)	730.00	730.00

RV SITE

Nightly	58.00	<u>64.00</u>
Weekly	333.50	333.50
Monthly	685.00	685.00
Season (6-Month Max)	1,970.00	<u>2,175.00</u>
Premium Sites (Peak Season)	64.00	<u>70.00</u>
Premium Sites Weekly (Peak Season)	360.50	360.50

TOWING

Camanche Recreation Area per hour	165.00	165.00
-----------------------------------	--------	--------

MISCELLANEOUS

Camanche Recreation Area Lake Tours	15.00	15.00
-------------------------------------	-------	-------



RECREATION USE FEES FOR 2024

January – December 2024³

EFFECTIVE 01/01/24³

CAMANCHE RESERVOIR – NORTH SHORE AND SOUTH SHORE RECREATION AREAS (continued)

Current CY23

Proposed CY24

BOAT/VESSEL DECONTAMINATION

Vessel decontamination (up to 30')	\$35.00	\$35.00
Vessels over 30' in length	35.00 + 5.00 for each 5' over 30'	35.00 + 5.00 for each 5' over 30'
Ballast tanks decontamination	10.00	10.00
Tank, bilge, live well decontamination only	25.00	25.00
PWC storage area decontamination only	25.00	25.00
Kayaks and Canoes decontamination	25.00	25.00

COTTAGE/MOTEL GENERAL

Camanche Recreation Area – Security Deposit	200.00	200.00
Additional Guest Charge (to maximum occupancy)	20.00	20.00

COTTAGE (4-Person Base)

May – Sept: Night	200.00	200.00
Week	1,050.00	1,050.00
Oct – April: Night	135.00	135.00
Week	710.00	710.00
Month	1,900.00	1,900.00

COTTAGE (6-Person Base)

May – Sept: Night	260.00	260.00
Week	1,365.00	1,365.00
Oct – April: Night	170.00	170.00
Week	892.50	892.50
Month	2,100.00	2,100.00

PARK MODEL (4-Person)

May – Sept: Night	300.00	300.00
Week	1,575.00	1,575.00
Oct – April: Night	225.00	225.00
Week	1,181.00	1,181.00
Month	3,000.00	3,000.00

RESORT RENTAL (4 BEDROOM, 14 PERSON MAX)

May – Sept: Night	445.00	445.00
Week	2,340.00	2,340.00
Oct – April: Night	235.00	235.00
Week	1,235.00	1,235.00



RECREATION USE FEES FOR 2024
January – December 2024³
 EFFECTIVE 01/01/24³

**CAMANCHE RESERVOIR – NORTH SHORE
 AND SOUTH SHORE RECREATION AREAS
 (continued)**

MOBILE-HOME (MONTHLY)

3 bedroom

Current CY23

Proposed CY24

~~\$929.77~~ +
~~HUD-FMR²~~

CY23 Rate +
HUD FMR²

MOBILE-HOME SPACES (MONTHLY)

North Shore 1A

~~511.07~~ +
~~HUD-FMR²~~

CY23 Rate +
HUD FMR²

North Shore 1B

~~537.79~~ +
~~HUD-FMR²~~

CY23 Rate +
HUD FMR²

North Shore 2

~~618.02~~ +
~~HUD-FMR²~~

CY23 Rate +
HUD FMR²

South Shore

~~540.79~~ +
~~HUD-FMR²~~

CY23 Rate +
HUD FMR²

*Mobile-homes registered through Amador County receive a \$2.50 credit on their monthly rent to reflect their payment of fire-related fees.

OTHER MOBILE-HOME FEES (Per Space – Monthly)

Guest Fee

75.00

75.00

Late Rent/Returned Check Fee

50.00

50.00

FACILITY RENTAL

Lakeside Hall Daily (hall only)

825.00

825.00

Lakeside Hall Daily (kitchen & service ware included)

1,200.00

1,200.00

Lakeside Hall Cleaning and Equipment Deposit

1,000.00

1,000.00

Camanche Clubhouse Rental (North Shore)

195.00

195.00

Camanche Clubhouse Rental (South Shore)

140.00

140.00

²HUD FMR is the Housing and Urban Development Fair Market Rents Index which is published by HUD each October. The mobile-home rental space rate will be adjusted annually based on the percent change in the HUD FMR index for 2-bedroom homes averaged for Amador and Calaveras Counties.



RECREATION USE FEES FOR 2024
January – December 2024~~3~~
EFFECTIVE 01/01/24~~3~~

Camanche Reservoir – North and South Shore Recreation Area Discounts, Special Programs, Limitations

Concessionaire Employees receive free entrance to and use of rental boats during off-hours, a 20% discount on food and merchandise, and a camping discount equal to the car entrance fee. Limited to one free vehicle entry and one free boat rental per employee per day.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Current Camanche Regional Park Advisory Board members and active field public safety personnel in Amador, Calaveras and San Joaquin County receive free day use entry.

Senior/Disabled receive 50% discount on annual entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Active, reserve, retired, and veteran military personnel receive 20% discount on day use entry, boat rentals, (excluding rental of the party barge), camping and short-term (14-day) RV sites and lodging. Military identification required. Discount may not be combined with other offers.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Mobilehome Park Tenants receive 50% off non-holiday weekday boat rentals and additional 25% off for qualifying Senior/Disabled/Former POW/Disabled Veteran tenants; special additional incentives for non-holiday Tuesday boat rentals; a 40% discount on off-season monthly open slip, covered slip and mooring buoy fees; and a 10% discount on regularly priced marina/store items not including fishing access permits, fishing license, prepared food/beverage, gasoline and propane.

Groups of four or less individuals meeting the criteria for disabled discounts shall be eligible to rent the 6-person ADA cottages at Camanche for the 4-person cottage rate.

Turkey Hill Equestrian Campground single site customers renting larger spaces due to single sites being occupied shall be charged the lesser prorated rate.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry and camping fees.

Short-term visitor passes may be issued for periods up to one-hour.



RECREATION USE FEES FOR 2024
January – December 2024³
EFFECTIVE 01/01/24³

Camanche Reservoir – North and South Shore Recreation Area Discounts, Special Programs, Limitations (continued)

Campsite charges include one vehicle entry, and RV site charges include a second/tow vehicle. Monthly and Seasonal RV Park fees include one vehicle entry, but do not include electricity charge. Electricity is metered and charged separately. Each of the daily charges, except the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from one hour before sunrise until one hour after sunset.

Fishing access permits are valid until midnight of said day.

Each of the weekly charges shall be valid and effective for the calendar week in which the charge is made, terminating at 1:00 p.m. on the seventh consecutive day of said period. The seasonal charges noted for each recreation area shall be valid and effective for a period not exceeding 24 consecutive hours and terminating at 1:00 p.m. during said period.

Check out time for all RV sites is 1:00 p.m.

Peak Season is May 1 – September 30. Off-season is October 1 – April 30.

Premium Campsite or Premium RV site is a site that due to enhanced amenities, waterfront access or other special features is rented at a higher rate than a standard site.

Standard campsites may have a maximum of 8 people and 2 vehicles.

Short-term visitor passes may be issued for periods of up to one-hour.



RECREATION USE FEES FOR 2024

January – December 2024³

EFFECTIVE 01/01/24³

LAFAYETTE RECREATION AREA

Current CY23

Proposed CY24

ENTRY AND PARKING – CAR/MOTORCYCLE/SMALL VAN

Daily	\$7.00	\$7.00
Annual (new or renewal)	120.00	120.00
Annual (new or renewal) 2 years	240.00	240.00
Replacement hang-tag (Replacement limited to 1 hang-tag per year)	25.00	25.00
Parking Meters 1/2 hour Senior/Disabled	0.75	0.75
Season (new or renewal)	80.00	80.00
Season (new or renewal) 2 years	160.00	160.00

ENTRY AND PARKING – LARGE VANS AND BUSES

Large Vans – 10-20 Passengers	18.00	18.00
Buses – 21+ Passengers	33.00	33.00

DOG (no charge)

COMMERCIAL USES (in addition to the base fee noted below, the Director of Water and Natural Resources may set an additional fee to recover the District’s direct costs plus overhead)

Commercial Use		
Small (up to 10 people)	100.00	100.00
Medium (from 11 to 50 people)	500.00	500.00
Large (from 51 to 150 people)	1,000.00	1,000.00

BOAT LAUNCH

Daily	4.00	4.00
Annual	50.00	50.00
Boat Inspection Fee	6.00	6.00

FISHING ACCESS

Daily	5.00	5.00
-------	------	------

GROUP PICNIC

Small Site (Weekend/Holiday)	200.00	200.00
Small Site (Weekday/Non-Holiday)	100.00	100.00
Large Site (Weekend/Holiday)	350.00	350.00
Large Site (Weekday/Non-Holiday)	175.00	175.00
Special Events Fee	500.00 + \$1/participant	500.00 + \$1/participant



RECREATION USE FEES FOR 2024
January – December 2024~~3~~
EFFECTIVE 01/01/24~~3~~

Lafayette Reservoir – Discounts, Special Programs, Limitations

District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Senior/Disabled receive 50% discount on boat launch fees and on non-holiday weekday boat rentals. Senior rates are for individuals with a drivers' license showing age 62 or older.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.



RECREATION USE FEES FOR 2024

January – December 2024³

EFFECTIVE 01/01/24³

PARDEE RECREATION AREA	<u>Current CY23</u>	<u>Proposed CY24</u>
VEHICLE ENTRY AND PARKING – CAR/MOTORCYCLE/SMALL VAN		
Daily/Nightly (Non-Camping)	\$10.00	\$10.00
Season	118.00	118.00
Combined Car/Boat Daily	16.00	16.00
VEHICLE ENTRY AND PARKING – LARGE VANS AND BUSES		
Large Vans – 10-20 Passengers	22.00	22.00
Buses – 21+ Passengers	38.00	38.00
DOG		
Daily (Fee charged each day in park)	5.00	5.00
Season (Concurrent with Season Parking Pass)	50.00	50.00
STANDARD BOAT LAUNCH		
Daily (Fee charged each day in park)	10.00	10.00
Season	110.00	110.00
CARTOP BOAT LAUNCH (Float Tube, Kayak, Canoe, Scull)		
Daily	5.00	5.00
Season	44.00	44.00
BOAT SLIP (excluding park entry)		
Daily	10.00	10.00
Weekly	50.00	50.00
Monthly	120.00	120.00
Season	690.00	690.00
Season (concurrent with season RV)	640.00	640.00
FISHING ACCESS		
Daily	7.25	7.25
Annual	200.00	200.00
MISCELLANEOUS		
RV/Campsite Reservation Fee	10.00	10.00
STANDARD CAMPSITE (w/vehicle parking)		
Nightly	25.00	25.00
Second Car Parking	10.00	10.00
Weekly	150.00	150.00
Second Car Parking	60.00	60.00



RECREATION USE FEES FOR 2024

January – December 2024³

EFFECTIVE 01/01/24³

PARDEE RECREATION AREA (continued)	<u>Current CY23</u>	<u>Proposed CY24</u>
PREMIUM CAMPSITE (w/vehicle parking)		
Nightly	\$30.00	\$30.00
Weekly	180.00	180.00
CAMPSITE (walk-in/bicycle parking) (8 person/8 bike maximum)		
Nightly	23.00	23.00
Weekly	138.00	138.00
DOUBLE CAMPSITE (16 people/2 vehicles)		
Nightly	50.00	50.00
Third or Fourth Vehicle	10.00	10.00
RV SITE		
Nightly	40.00	40.00
Weekly	240.00	240.00
Monthly	520.00	520.00
Season	4,095.00	4,095.00
Season – Premium Site	4,225.00	4,225.00
RV/TRAILER/BOAT STORAGE (excluding park entry)		
Weekly	30.00	30.00
Monthly	70.00	70.00
Season	510.00	510.00
Season – concurrent with season RV site	445.00	445.00
12-Month Consecutive	670.00	670.00
TOWING	80.00	80.00
RESERVABLE SITE/FACILITY (charges in addition to above fees)		
Small (25 or less people)	70.00	70.00
Medium (26-100 people)	100.00	100.00
Large (101-150 people)	150.00	150.00
Over 150 people	265.00	265.00
Café/Pool Day Use Area (refundable deposit)	60.00	60.00



RECREATION USE FEES FOR 2024
January – December 2024³
EFFECTIVE 01/01/24³

PARDEE RESERVOIR – DISCOUNTS, SPECIAL PROGRAMS, LIMITATIONS

Concessionaire Employees receive free entrance to and use of rental boats during off-season hours, a 20% discount on food and merchandise, and a camping discount equal to the car entrance fee. Limited to one free vehicle entry and one free boat rental per employee per day.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Current Camanche Regional Park Advisory Board members and active field public safety personnel in Amador, Calaveras and San Joaquin County receive free day use entry.

Senior/Disabled receive 50% discount on annual entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Active, reserve, retired, and veteran military personnel receive 20% discount on day use entry, boat rentals, (excluding Deluxe Pontoon), and dry camping (excluding RV hook-up sites). Military identification required. Discount may not be combined with other offers.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry and camping fees.

Campsite charges include one vehicle entry, and RV site charges include a second/tow vehicle.

Monthly and Seasonal RV Park fees include one vehicle entry, but do not include electricity charge. Electricity is metered and charged separately.

Each of the daily charges, except the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from one hour before sunrise until one hour after sunset. Fishing access permits are valid until midnight of said day.

Each of the weekly charges shall be valid and effective for the calendar week in which the charge is made, terminating at 1:00 p.m. on the seventh consecutive day of said period.

Each of the nightly charges shall be valid and effective for a period not exceeding 24 consecutive hours and terminating at 1:00 p.m. during said period.



RECREATION USE FEES FOR 2024
January – December 2024~~3~~
EFFECTIVE 01/01/24~~3~~

PARDEE RESERVOIR – DISCOUNTS, SPECIAL PROGRAMS, LIMITATIONS (continued)

Premium Campsite or Premium RV site is a site that due to enhanced amenities, waterfront access or other special features is rented at a higher rate than a standard site.

Standard campsites may have a maximum of 8 people and 2 vehicles.

Short-term visitor passes may be issued for periods up to one hour.



RECREATION USE FEES FOR 2024

January – December 2024³

EFFECTIVE 01/01/24³

SAN PABLO RECREATION AREA

Current CY23

Proposed CY24

ENTRY AND PARKING – CAR/MOTORCYCLE/SMALL VAN

Daily	\$7.00	\$7.00
Daily (Special Events)	5.00	5.00
Season	120.00	120.00
<u>Replacement Pass (limited to 1 pass per year)</u>		<u>25.00</u>

ENTRY AND PARKING – LARGE VANS AND BUSES

Large Vans – 10-20 Passengers	22.00	22.00
Buses – 21+ Passengers	40.00	40.00

DOG

	3.00	3.00
--	------	------

COMMERCIAL USES (in addition to the base fee noted below, the Director of Water and Natural Resources may set an additional fee to recover the District's direct costs plus overhead)

Small (up to 10 people)	120.00	120.00
Medium (from 11 to 50 people)	600.00	600.00
Large (from 51 to 150 people)	1,200.00	1,200.00

STANDARD BOAT LAUNCH

Daily	8.00	8.00
Season (Entry & Boat Launch)	170.00	170.00
Boat Inspection Fee	6.00	6.00

CARTOP BOAT LAUNCH (Float Tube, Kayak, Canoe, Scull)

Daily	4.00	4.00
Season (Entry and Cartop Launch)	124.00	124.00

FISHING ACCESS

Daily	6.00	6.00
-------	------	------

GROUP PICNIC

Large Sites (Oaks) daily	300.00	300.00
Large Sites (Pines) daily	200.00	200.00
<u>Security Deposit</u>		<u>100.00</u>

GAZEBO, Daily Rental Security Deposit

	90.00	90.00
		<u>100.00</u>

TOWING

	50.00	<u>40.00</u>
--	------------------	--------------



RECREATION USE FEES FOR 2024
January – December 2024~~3~~
EFFECTIVE 01/01/24~~3~~

SAN PABLO RECREATION AREA (continued)

VISITOR CENTER & DECK RENTAL

Weekday	\$200.00	\$200.00
2 consecutive days	350.00	350.00
3 consecutive days	500.00	500.00
Weekday Evening (minimum charge for up to 3 hours)	250.00	250.00
Extra hours	70.00	70.00
Weekend Evening (minimum charge for up to 5 hours)	400.00	400.00
Extra hours	70.00	70.00
Event Cleaning and Damage Deposit	350.00	350.00



RECREATION USE FEES FOR 2024
January – December 2024~~3~~
EFFECTIVE 01/01/24~~3~~

SAN PABLO RESERVOIR – Discounts, Special Programs, Limitations

Concessionaire Employees receive free entrance to and use of rental boats during off-season hours, a 20% discount on food and merchandise. The discount is limited to one free vehicle entry and one free boat rental per employee per day. To qualify, a concession employee must work a minimum of 20 hours per week, Sunday through Saturday.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Each of the daily charges, including the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from the time the park opens until it closes each day.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry fees.

Senior/Disabled receive 50% discount on seasonal passes and ~~3-month entry and boat launch fees~~, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Unless determined otherwise, the recreation season is mid-February through November (dates selected by concessionaire with District approval).



RECREATION USE FEES FOR 2024
January – December 2024~~3~~
EFFECTIVE 01/01/24~~3~~

WATERSHED TRAIL SYSTEM

Current CY23

Proposed CY24

WATERSHED TRAILS

Daily Permit	\$3.00	\$3.00
Annual Permit	10.00	10.00
Three-Year Permit	20.00	20.00
Five-Year Permit	30.00	30.00
<u>Low-income Annual Permit</u>		<u>0.00</u>



RECREATION USE FEES FOR 2024
January – December 2024¹
EFFECTIVE 01/01/24

The following fees apply to use of the District's recreation facilities at Camanche Hills Hunting Preserve, Camanche Reservoir, Lafayette Reservoir, Pardee Reservoir, San Pablo Reservoir and on the District's Watershed Trail System.

All other (not included in this schedule) charges and fees for merchandise and services provided to the public in connection with the public uses of the recreation areas and facilities thereat shall be determined by the concessionaire or the District and shall be reasonable and consistent with charges for similar merchandise and services at similar locations.

General Discount Program – Discounts from fees listed may be offered to attract new customers and/or improve revenues. General discounts will be applied for specified time frames and apply fairly and uniformly. General discounts must be approved by the Director of Water and Natural Resources Department in advance.

District employees, retirees and immediate family receive free vehicle entry and boat launch, and a camping discount equal to the car entry fee (limit one per day).

Volunteer Discount Program – Free one-year Trail Use Permit and 50% discount on vehicle entry/parking and boat launch for those who contribute an annual minimum of 20 hours of volunteer work while participating in a District Volunteer Program.

Distinguished Veteran Discount Program – Holders of the California State Parks Distinguished Veteran Pass receive free day use and boat launch at all District recreation areas.

Fishing Access Permits are required for persons 16 years of age or older. Up to four children 15 years and under and accompanied by a person who possesses a valid CA fishing license and daily fishing access permit, may fish under that fishing access permit subject to the daily possession limit of the permit holder. Every accompanied child, over the allowed number of four, must have individual fishing access permits. Each child not accompanied by a fishing access permit holding adult must obtain his/her own fishing access permit.

No Fishing Access Permit is required on the two annual California Department of Fish and Wildlife Free Fishing Days.

¹Fee years are by calendar year for all locations except the Camanche Hills Hunting Preserve where fees are implemented earlier for the hunting year October 1 - September 30.



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

CAMANCHE HILLS HUNTING PRESERVE¹

PRESERVE LICENSE:

Initiation Fee (Family)	\$3,495.00
Initiation Fee (Corporate)	3,495.00
Annual Maintenance (Family)	300.00
Annual Maintenance (Corporate)	600.00

LICENSED GUIDE GOOSE HUNT (PER PERSON/HUNT)	200.00
--	--------

BIRD PROCESSING: (PRICE PER EACH)

Pheasant	5.00
Chukar	5.00
20-bird card (pheasant and chukar) for 20	70.00
Duck	5.50
Goose	10.00
Smoking (all birds)	7.50

DOG RENTAL

Half Day	100.00
Full Day	175.00
Special Hunt	175.00

SPORTING CLAYS

Full Round Course (100 targets)	42.00
Half Round Course (50 targets)	23.00
25 targets (5-Stand/Grouse bunker)	9.00
5 targets (Skeet/trap)	6.00

ARCHERY RANGE AND COURSE

7 Station 3-D Target Course Per person	12.00
---	-------

**FISHING ACCESS TO RABBIT CREEK
ARM OF CAMANCHE LAKE AND FARM
PONDS LOCATED ON CHHP
RECREATIONAL AREA**

Public Fishing Access	10.00
CHHP Members Access	5.00

**FISHING ACCESS TO RABBIT CREEK
ARM OF CAMANCHE LAKE**

Public Fishing Access: Bow for Carp	10.00
-------------------------------------	-------

¹Fee years are by calendar year for all locations except the Camanche Hills Hunting Preserve where fees are implemented earlier for the hunting year October 1 - September 30.



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

CAMANCHE HILLS HUNTING PRESERVE
(continued)

RV PARKING AREA

Nightly	\$10.00
Clubhouse Rental (daily)	500.00
Kitchen Rental (daily)	500.00
Grounds (daily)	500.00



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

Camanche Hills Hunting Preserve Discounts, Special Programs and Limitations

Pricing for planted bird hunting will be reviewed and approved by the Director of Water and Natural Resources.

Free bird hunting and sporting clays shooting is offered to the communications media, based on the availability of birds and sporting clays course.

Free use of the facilities is offered to non-profit hunting organizations for family, disabled and junior hunting functions.

A target shooting (sporting clay, trap, 5-stand and bunkers) discount of 15% is offered to Senior, Disabled, and active or retired military visitors.

A target shooting discount of 50% is offered to Distinguished Veteran Pass holders.

A driven pheasant shoot discount of 15% is offered to Senior, Disabled, active or retired military, and Distinguished Veteran Pass holders.

An RV parking discount of 50% is offered to Senior, Disabled and Distinguished Veteran Pass holders.

Daily field trial events are permitted on a limited basis. Fees range from \$0 for qualified non-profit organizations to a maximum of \$200.00.

EBMUD employees and retirees, concession employees and Tri-County (Amador, Calaveras and San Joaquin) Public Safety Personnel receive a 20% discount on food purchases and a 10% discount on sporting clays.

Discounts and incentives are separate and cannot be combined for a larger discount or incentive.



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS**

VEHICLE ENTRY/PARKING

CAR/MOTORCYCLE/SMALL VAN

Daily (Peak Season: May 1-September 30, weekends and holidays)	\$19.75
Daily (Off-season, Peak Season weekdays)	12.00
Nightly (non-camping)	12.00
Annual (12 consecutive months)	225.00
Annual Senior/Disabled/Former POW/Disabled Veteran (12 Consecutive Months)	112.50
Combined Car/Boat Daily (Peak Season: May 1-September 30, weekends and holidays)	23.00
Combined Car/Boat Daily (Off-season, weekdays)	17.50
Annual Marina Overnight/Day Use (12 consecutive months)	245.00

**VEHICLE ENTRY/PARKING LARGE VANS
AND BUSES**

Large Vans – 10-20 Passengers	23.00
Buses – 21+ Passengers	44.00

DOG

Daily (Fee charged each day in park)	6.50
Annual (12 consecutive months concurrent with Annual Parking Pass)	55.00

BOAT LAUNCH

Daily Peak Season (May 1- Sept 30), weekends and holidays. (Fee charged each day in park.)	17.00
Daily Off-season; Peak Season weekdays. (Fee charged each day in park.)	12.00
Night (Fee charged each day in park)	14.00
Annual (12 consecutive months)	190.00
Senior/Disabled/Former POW/Disabled Veteran Annual (12 consecutive months)	95.00

BOAT MOORING (Buoy)

Monthly: under 30 feet	320.00
_30 feet & larger	385.00
Annual (12 consecutive months, any length):	2,900.00



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

BOAT SLIP OPEN (Excluding park entry)

Daily	\$40.00
Weekly	190.00
Monthly	430.00
8 Months	1,595.00
Key Security Deposit	15.00

**BOAT SLIP COVERED – 24’ Length Maximum
(Excluding park entry)**

Daily	55.00
Weekly	225.00
Monthly	600.00
Annual (12 consecutive months)	2,500.00
Key Security Deposit	55.00

**BOAT SLIP COVERED –Over 24’ Length
(Excluding park entry)**

Daily	60.00
Weekly	300.00
Monthly	725.00
Annual (12 consecutive months)	3,100.00
Key Security Deposit	55.00

**RV/TRAILER/BOAT STORAGE (Excluding
park entry)**

Monthly	170.00
12 Months, consecutive	895.00
Monthly – 30’ Length Maximum (Concurrent with Mooring/Slip Rental)	76.00
Monthly – Over 30’ (Concurrent with Mooring/Slip Rental)	110.00
Annual – 30’ Length Maximum (Concurrent with Mooring/Slip Rental) (12 consecutive months)	380.00
Annual – Over 30’ (Concurrent with Mooring/Slip Rental) (12 consecutive months)	520.00
Annual – concurrent with Mobilehome Space rent (12 consecutive months)	450.00
Annual – concurrent with Mobilehome Space rent (<28’, 1 boat only, dry #3) (12 consecutive months)	190.00



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

FISHING ACCESS PERMIT

Daily	\$7.75
Annual	160.00

CAMPSITE (w/vehicle parking)

Nightly (Peak Season: May 1 - September 30)	41.75
Nightly (Off-season)	25.00
Second Car Parking	18.00
Weekly (Peak Season: May 1 - September 30)	185.00
Weekly (Off-season)	122.00
Second Car Weekly	85.00
14 nights (Peak Season: May 1 - September 30)	370.00
14 nights (Off-season)	245.00
Camping Reservation Fee	13.00

PREMIUM CAMPSITES

Nightly (Peak Season: May 1 – September 30)	50.00
Nightly (Off-season)	27.00
Second Car Parking	18.00
Weekly (Peak Season: May 1 – September 30)	225.00
Second Car Weekly	85.00
14 nights (Peak Season: May 1 – September 30)	450.00
14 nights (Off-season)	264.00

CAMPSITES WITH TENT STRUCTURES

8 person nightly	85.50
8 person weekly	428.50
16 person nightly	151.00
16 person weekly	662.00

**CAMPSITE (WALK-IN/BICYCLE PARKING – 8
PERSON/BIKE MAX)**

Nightly	25.50
Weekly	138.50
14 nights	262.00



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

GROUP CAMP (Nightly)

12-Person Limit	\$133.00
16-Person Limit	161.00
24-Person Limit	189.00
32-Person Limit	250.00
64-Person Limit	474.00
72-Person Limit	525.00

GROUP CAMP (Nightly, off-season)

12-Person Limit	66.00
16-Person Limit	71.00
24-Person Limit	76.50
32-Person Limit	82.00
64-Person Limit	159.00
72-Person Limit	205.00

**EQUESTRIAN – TURKEY HILL – 2 HORSES
PER SINGLE SITE – “NO OFF-SEASON
DISCOUNTS”**

General Assembly Area	100.00
Turkey Hill Single	65.50
Turkey Hill Double	126.00
Turkey Hill Triple	151.50
Turkey Hill Quad	202.00
Entire Turkey Hill (includes assembly area)	730.00

RV SITE

Nightly	64.00
Weekly	333.50
Monthly	685.00
Season (6-Month Max)	2,175.00
Premium Sites (Peak Season)	70.00
Premium Sites Weekly (Peak Season)	360.50

TOWING

Camanche Recreation Area per hour	165.00
-----------------------------------	--------

MISCELLANEOUS

Camanche Recreation Area Lake Tours	15.00
-------------------------------------	-------



RECREATION USE FEES FOR 2024
January – December 2024
 EFFECTIVE 01/01/24

**CAMANCHE RESERVOIR – NORTH SHORE
 AND SOUTH SHORE RECREATION AREAS
 (continued)**

BOAT/VESSEL DECONTAMINATION

Vessel decontamination (up to 30')	\$35.00
Vessels over 30' in length	35.00 + 5.00
	for each 5' over 30'
Ballast tanks decontamination	10.00
Tank, bilge, live well decontamination only	25.00
PWC storage area decontamination only	25.00
Kayaks and Canoes decontamination	25.00

COTTAGE/MOTEL GENERAL

Camanche Recreation Area – Security Deposit	200.00
Additional Guest Charge (to maximum occupancy)	20.00

COTTAGE (4-Person Base)

May – Sept: Night	200.00
Week	1,050.00
Oct – April: Night	135.00
Week	710.00
Month	1,900.00

COTTAGE (6-Person Base)

May – Sept: Night	260.00
Week	1,365.00
Oct – April: Night	170.00
Week	892.50
Month	2,100.00

PARK MODEL (4-Person)

May – Sept: Night	300.00
Week	1,575.00
Oct – April: Night	225.00
Week	1,181.00
Month	3,000.00

**RESORT RENTAL (4 BEDROOM, 14 PERSON
 MAX)**

May – Sept: Night	445.00
Week	2,340.00
Oct – April: Night	235.00
Week	1,235.00



RECREATION USE FEES FOR 2024
January – December 2024
 EFFECTIVE 01/01/24

**CAMANCHE RESERVOIR – NORTH SHORE
 AND SOUTH SHORE RECREATION AREAS
 (continued)**

MOBILEHOME (MONTHLY)

3 bedroom	CY23 Rate + HUD FMR ²
-----------	-------------------------------------

MOBILEHOME SPACES (MONTHLY)

North Shore 1A	CY23 Rate + HUD FMR ²
North Shore 1B	CY23 Rate + HUD FMR ²
North Shore 2	CY23 Rate + HUD FMR ²
South Shore	CY23 Rate + HUD FMR ²

*Mobilehomes registered through Amador County receive a \$2.50 credit on their monthly rent to reflect their payment of fire-related fees.

**OTHER MOBILEHOME FEES (Per Space –
 Monthly)**

Guest Fee	75.00
Late Rent/Returned Check Fee	50.00

FACILITY RENTAL

Lakeside Hall Daily (hall only)	825.00
Lakeside Hall Daily (kitchen & service ware included)	1,200.00
Lakeside Hall Cleaning and Equipment Deposit	1,000.00
Camanche Clubhouse Rental (North Shore)	195.00
Camanche Clubhouse Rental (South Shore)	140.00

²HUD FMR is the Housing and Urban Development Fair Market Rents Index which is published by HUD each October. The mobilehome rental space rate will be adjusted annually based on the percent change in the HUD FMR index for 2-bedroom homes averaged for Amador and Calaveras Counties.



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

Camanche Reservoir – North and South Shore Recreation Area Discounts, Special Programs, Limitations

Concessionaire Employees receive free entrance to and use of rental boats during off-hours, a 20% discount on food and merchandise, and a camping discount equal to the car entrance fee. Limited to one free vehicle entry and one free boat rental per employee per day.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Current Camanche Regional Park Advisory Board members and active field public safety personnel in Amador, Calaveras and San Joaquin County receive free day use entry.

Senior/Disabled receive 50% discount on annual entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Active, reserve, retired, and veteran military personnel receive 20% discount on day use entry, boat rentals, (excluding rental of the party barge), camping and short-term (14-day) RV sites and lodging. Military identification required. Discount may not be combined with other offers.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Mobilehome Park Tenants receive 50% off non-holiday weekday boat rentals and additional 25% off for qualifying Senior/Disabled/Former POW/Disabled Veteran tenants; special additional incentives for non-holiday Tuesday boat rentals; a 40% discount on off-season monthly open slip, covered slip and mooring buoy fees; and a 10% discount on regularly priced marina/store items not including fishing access permits, fishing license, prepared food/beverage, gasoline and propane.

Groups of four or less individuals meeting the criteria for disabled discounts shall be eligible to rent the 6-person ADA cottages at Camanche for the 4-person cottage rate.

Turkey Hill Equestrian Campground single site customers renting larger spaces due to single sites being occupied shall be charged the lesser prorated rate.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry and camping fees.

Short-term visitor passes may be issued for periods up to one-hour.



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

Camanche Reservoir – North and South Shore Recreation Area Discounts, Special Programs, Limitations (continued)

Campsite charges include one vehicle entry, and RV site charges include a second/tow vehicle. Monthly and Seasonal RV Park fees include one vehicle entry, but do not include electricity charge. Electricity is metered and charged separately. Each of the daily charges, except the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from one hour before sunrise until one hour after sunset.

Fishing access permits are valid until midnight of said day.

Each of the weekly charges shall be valid and effective for the calendar week in which the charge is made, terminating at 1:00 p.m. on the seventh consecutive day of said period. The seasonal charges noted for each recreation area shall be valid and effective for a period not exceeding 24 consecutive hours and terminating at 1:00 p.m. during said period.

Check out time for all RV sites is 1:00 p.m.

Peak Season is May 1 – September 30. Off-season is October 1 – April 30.

Premium Campsite or Premium RV site is a site that due to enhanced amenities, waterfront access or other special features is rented at a higher rate than a standard site.

Standard campsites may have a maximum of 8 people and 2 vehicles.

Short-term visitor passes may be issued for periods of up to one-hour.



RECREATION USE FEES FOR 2024
January – December 2024
 EFFECTIVE 01/01/24

LAFAYETTE RECREATION AREA

**ENTRY AND PARKING –
 CAR/MOTORCYCLE/SMALL VAN**

Daily	\$7.00
Annual (new or renewal)	120.00
Annual (new or renewal) 2 years	240.00
Replacement hang-tag (Replacement limited to 1 hang-tag per year)	25.00
Parking Meters 1/2 hour Senior/Disabled	0.75
Season (new or renewal)	80.00
Season (new or renewal) 2 years	160.00

**ENTRY AND PARKING –
 LARGE VANS AND BUSES**

Large Vans – 10-20 Passengers	18.00
Buses – 21+ Passengers	33.00

DOG (no charge)

COMMERCIAL USES (in addition to the base fee noted below, the Director of Water and Natural Resources may set an additional fee to recover the District’s direct costs plus overhead)

Commercial Use	
Small (up to 10 people)	100.00
Medium (from 11 to 50 people)	500.00
Large (from 51 to 150 people)	1,000.00

BOAT LAUNCH

Daily	4.00
Annual	50.00
Boat Inspection Fee	6.00

FISHING ACCESS

Daily	5.00
-------	------

GROUP PICNIC

Small Site (Weekend/Holiday)	200.00
Small Site (Weekday/Non-Holiday)	100.00
Large Site (Weekend/Holiday)	350.00
Large Site (Weekday/Non-Holiday)	175.00
Special Events Fee	500.00 + \$1/participant



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

Lafayette Reservoir – Discounts, Special Programs, Limitations

District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Senior/Disabled receive 50% discount on boat launch fees and on non-holiday weekday boat rentals. Senior rates are for individuals with a drivers' license showing age 62 or older.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

PARDEE RECREATION AREA

**VEHICLE ENTRY AND PARKING –
CAR/MOTORCYCLE/SMALL VAN**

Daily/Nightly (Non-Camping)	\$10.00
Season	118.00
Combined Car/Boat Daily	16.00

**VEHICLE ENTRY AND PARKING –
LARGE VANS AND BUSES**

Large Vans – 10-20 Passengers	22.00
Buses – 21+ Passengers	38.00

DOG

Daily (Fee charged each day in park)	5.00
Season (Concurrent with Season Parking Pass)	50.00

STANDARD BOAT LAUNCH

Daily (Fee charged each day in park)	10.00
Season	110.00

**CARTOP BOAT LAUNCH (Float Tube, Kayak,
Canoe, Scull)**

Daily	5.00
Season	44.00

BOAT SLIP (excluding park entry)

Daily	10.00
Weekly	50.00
Monthly	120.00
Season	690.00
Season (concurrent with season RV)	640.00

FISHING ACCESS

Daily	7.25
Annual	200.00

MISCELLANEOUS

RV/Campsite Reservation Fee	10.00
-----------------------------	-------

STANDARD CAMPSITE (w/vehicle parking)

Nightly	25.00
Second Car Parking	10.00
Weekly	150.00
Second Car Parking	60.00



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

PARDEE RECREATION AREA (continued)

PREMIUM CAMPSITE (w/vehicle parking)

Nightly	\$30.00
Weekly	180.00

CAMPSITE (walk-in/bicycle parking)

(8 person/8 bike maximum)

Nightly	23.00
Weekly	138.00

DOUBLE CAMPSITE (16 people/2 vehicles)

Nightly	50.00
Third or Fourth Vehicle	10.00

RV SITE

Nightly	40.00
Weekly	240.00
Monthly	520.00
Season	4,095.00
Season – Premium Site	4,225.00

RV/TRAILER/BOAT STORAGE (excluding park entry)

Weekly	30.00
Monthly	70.00
Season	510.00
Season – concurrent with season RV site	445.00
12-Month Consecutive	670.00

TOWING

80.00

RESERVABLE SITE/FACILITY (charges in addition to above fees)

Small (25 or less people)	70.00
Medium (26-100 people)	100.00
Large (101-150 people)	150.00
Over 150 people	265.00
Café/Pool Day Use Area (refundable deposit)	60.00



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

PARDEE RESERVOIR – DISCOUNTS, SPECIAL PROGRAMS, LIMITATIONS

Concessionaire Employees receive free entrance to and use of rental boats during off-season hours, a 20% discount on food and merchandise, and a camping discount equal to the car entrance fee. Limited to one free vehicle entry and one free boat rental per employee per day.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Current Camanche Regional Park Advisory Board members and active field public safety personnel in Amador, Calaveras and San Joaquin County receive free day use entry.

Senior/Disabled receive 50% discount on annual entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Active, reserve, retired, and veteran military personnel receive 20% discount on day use entry, boat rentals, (excluding Deluxe Pontoon), and dry camping (excluding RV hook-up sites). Military identification required. Discount may not be combined with other offers.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry and camping fees.

Campsite charges include one vehicle entry, and RV site charges include a second/tow vehicle.

Monthly and Seasonal RV Park fees include one vehicle entry, but do not include electricity charge. Electricity is metered and charged separately.

Each of the daily charges, except the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from one hour before sunrise until one hour after sunset. Fishing access permits are valid until midnight of said day.

Each of the weekly charges shall be valid and effective for the calendar week in which the charge is made, terminating at 1:00 p.m. on the seventh consecutive day of said period.

Each of the nightly charges shall be valid and effective for a period not exceeding 24 consecutive hours and terminating at 1:00 p.m. during said period.

Premium Campsite or Premium RV site is a site that due to enhanced amenities, waterfront access or other special features is rented at a higher rate than a standard site.



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

PARDEE RESERVOIR – DISCOUNTS, SPECIAL PROGRAMS, LIMITATIONS (continued)

Standard campsites may have a maximum of 8 people and 2 vehicles.

Short-term visitor passes may be issued for periods up to one hour.



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

SAN PABLO RECREATION AREA

ENTRY AND PARKING –

CAR/MOTORCYCLE/SMALL VAN

Daily	\$7.00
Daily (Special Events)	5.00
Season	120.00
Replacement Pass (limited to 1 pass per year)	25.00

ENTRY AND PARKING –

LARGE VANS AND BUSES

Large Vans – 10-20 Passengers	22.00
Buses – 21+ Passengers	40.00

DOG

3.00

COMMERCIAL USES (in addition to the base fee noted below, the Director of Water and Natural Resources may set an additional fee to recover the District’s direct costs plus overhead)

Small (up to 10 people)	120.00
Medium (from 11 to 50 people)	600.00
Large (from 51 to 150 people)	1,200.00

STANDARD BOAT LAUNCH

Daily	8.00
Season (Entry & Boat Launch)	170.00
Boat Inspection Fee	6.00

CARTOP BOAT LAUNCH (Float Tube, Kayak, Canoe, Scull)

Daily	4.00
Season (Entry and Cartop Launch)	124.00

FISHING ACCESS

Daily	6.00
-------	------

GROUP PICNIC

Large Sites (Oaks) daily	300.00
Large Sites (Pines) daily	200.00
Security Deposit	100.00

GAZEBO, Daily Rental

Security Deposit	100.00
------------------	--------

TOWING

40.00



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

SAN PABLO RESERVOIR – Discounts, Special Programs, Limitations

Concessionaire Employees receive free entrance to and use of rental boats during off-season hours, a 20% discount on food and merchandise. The discount is limited to one free vehicle entry and one free boat rental per employee per day. To qualify, a concession employee must work a minimum of 20 hours per week, Sunday through Saturday.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Each of the daily charges, including the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from the time the park opens until it closes each day.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry fees.

Senior/Disabled receive 50% discount on season passes and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Unless determined otherwise, the recreation season is mid-February through November (dates selected by concessionaire with District approval).



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

WATERSHED TRAIL SYSTEM

WATERSHED TRAILS

Daily Permit	\$3.00
Annual Permit	10.00
Three-Year Permit	20.00
Five-Year Permit	30.00
Low-income Annual Permit	0.00

**Other District Schedules of Rates and Charges, Capacity Charges, and
Other Fees Not Subject to Proposition 218**

FY 2024

Public Records Act Fee Schedule and District Publication Fees

Real Property Use Application Fees

**Public Records Act Fee Schedule and
District Publication Fees**

FY 2024



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23~~2~~

INTRODUCTION

The following fee schedule has been established by the District to cover the costs for duplicating District documents, drawings, maps, recordings, and other records, as required by the Public Records Act.

The District offers access to its records upon receipt of a request that reasonably describes an identifiable record. Any questions or requests concerning District documents should be addressed to the Secretary of the District, East Bay Municipal Utility District, P.O. Box 24055, Oakland, California 94623-1055, or by calling (510) 287-0404.

CHARGES

Pursuant to the Public Records Act, the District may recover the “direct costs of duplication” for disclosable public records, unless a different charge is provided by statute. The direct cost of duplication generally covers two types of expenses – materials & equipment costs and labor costs.

- Materials & Equipment costs generally include the capital cost of the equipment, the maintenance contract, paper supplies, and other necessary expenses that must be incurred in order to make the equipment operational.
- Labor costs ordinarily include the pro rata salary of the clerical or technical employee operating the equipment.

The total cost for providing copies is a combination of materials, labor for actual duplication time, equipment usage, and postage, if applicable. The direct cost of duplication may vary depending on the size and type of media requested and the kind of reproduction equipment required.

Photocopies of non-District materials are charged at the same rate as District materials.

Prices quoted in this fee schedule are subject to change. An estimate of cost will be provided upon request.

Any records sent outside for duplication will be billed the actual cost of duplication by the outside vendor.

PAYMENT

For requests estimated to cost over \$100 in duplication fees, a deposit in the amount of the estimated fee will be required before duplication.

For all requests, payment in advance is required before release of records. Acceptable methods of payment include cash or check (payable to East Bay Municipal Utility District). The District does not currently accept electronic payments.



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23~~2~~

INSPECTION/DELIVERY/PICK UP

The requestor is entitled to inspect records and/or obtain copies of records during normal business hours (8:00 a.m. to 4:30 p.m., Monday through Friday).

If the requestor wishes records to be delivered, copies will be sent first class mail unless the requestor makes other arrangements for pick up or delivery with the Secretary's Office. Postage will be charged for copies mailed to the requestor.

Federal Express service is available if the requestor supplies a Federal Express account number.

LEGAL COMPLIANCE OBLIGATIONS

Responsibility for adherence to copyright law rests with the individual requesting copies.

CATEGORIES

This fee schedule covers the following categories of document types or formats:

- I. Paper Based Records
 - A. General Business Documents & Engineering Drawings
 - B. Printed Maps
 - C. Bid Documents for Publicly Bid Projects
- II. Electronically Stored or Generated Records
 - A. Records that already exist
 - B. Records that do not already exist
 - C. Compact Disks (CDs)
 - D. Digital Versatile Disks (DVDs)

Fees for document types/requests not covered herein will be provided upon request.



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23~~2~~

I. PAPER BASED RECORDS

A. GENERAL BUSINESS DOCUMENTS & ENGINEERING DRAWINGS

The fees charged for reproducing general business documents and engineering drawings, and printed maps photocopied onto regular paper in the sizes indicated below are based on the actual cost of duplication by the District.

Fee = Labor Cost (\$0.6568 per minute duplicating time)
+ **Materials & Equipment Cost** (e.g., cost per sheet or media)
+ **Postage** (if applicable)

- **Labor Costs:** Labor costs for duplication time is charge at the rate of \$0.6568 per minute. Labor costs are based on the labor rate of a clerical employee and is charged only for the actual time spent on duplication.
- **Materials & Equipment:** The duplicating cost per sheet or media type is based on the actual cost of materials and equipment needed to reproduce documents. As detailed below, fees will vary depending on the type and size of documents and the method used for duplication.

1) Regular copies

8-1/2 x 11	\$0.09/page
11 x 17	0.17/page

2) Color copies

Requests for color copies may be sent to an outside vendor and charged back to the requestor.

3) Facsimile copies within the continental U.S.

8-1/2 x 11	\$0.50/page
------------	-------------



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23~~2~~

4) Engineering drawings

Size	Bond	Vellum
8-1/2 x 11	\$0.09	N/A
11 x 17	0.17	N/A
17 width	0.33	N/A
22 width	0.66	\$1.77
28 x 38	0.96	N/A

For sizes larger than those indicated in this chart, Engineering Records will determine the cost.

Drawings having a width greater than 36 inches cannot be reproduced on District equipment and must be sent out for commercial copying. These charges will be billed to the requestor.

B. PRINTED MAPS

The fees in this section apply to the duplication of existing hard copy B-maps. The fee listed is the cost per map for duplication by the District's print shop. All other pre-printed map sizes require special formatting and the cost for duplication by an outside vendor will be determined upon request.

B-maps 250' scale (11 x 17) includes Map View prints	\$0.99/map
Map Book Covers	\$38.64/cover

C. BID DOCUMENTS FOR PUBLICLY BID PROJECTS

Copies of plans and specifications for publicly bid construction projects are available through the District's Specifications, Cost Estimating, and Engineering Standard Records (ESR) Section at a per set cost established as each project is issued for bid. The fee will be based on the cost for duplication at the District's print shop or an outside copy service and postage, if applicable.

Pre-paid documents will be sent first class mail unless the requestor makes other arrangements for document pickup or delivery with the Specifications Clerk. Federal Express service is available if the requestor supplies a Federal Express account number.

Contract documents are also available for viewing and downloading from EBMUD's public website: www.ebmud.com via the "Business Center" link.



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23~~2~~

Copies of CD-ROM versions of contract documents in Adobe Acrobat format are available free of charge from the Specifications Clerk at 510-287-1040.

Copies of historic contract documents can be provided in accordance with the provisions of item 1: General Business Documents.

II. ELECTRONICALLY STORED OR GENERATED DATA

The fees in this section apply to records stored electronically.

In general, there are two types of electronic records: (a) records that already exist on a system and merely require printing; and (b) records that do not currently exist and require data compilation, extraction, or programming to produce. A different fee rate applies to each of these types of records.

A. RECORDS THAT ALREADY EXIST

When a requestor seeks a record that already exists on a system (i.e., a record merely needs to be retrieved and printed, and does not require data compilation, extraction, or programming to produce), the following fee applies:

Fee = Labor Cost (\$0.~~65~~⁶⁸ per minute duplicating time)
+ Materials & Equipment Cost
+ Postage (if applicable)

Materials & Equipment costs vary with the types/formats of records requested as specified below:

1) Digital copies – PDF Files (including B-maps)

Cost of Media	
CD	\$3.05
DVD	6.35
Electronic Transfer	N/C



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23~~2~~

2) Maps on Demand

Size	Bond	Vellum*	Bond Color
8-1/2 x 11	\$0.10	\$0.19	\$0.38
11 x 17	0.19	0.36	0.73
17 x 22	0.33	0.60	2.05
22 x 34	0.49	0.84	3.38
28 x 38	0.66	1.10	5.02

*Costs reflect color plots produced only from existing files.

3) Other Electronic Records

Description	Charge per Unit
8-1/2 x 11 (PC Printer)	\$0.09/page
CD	3.05 each
DVD	6.35 each
Electronic Transfer	N/C

B. RECORDS THAT DO NOT ALREADY EXIST

When a requestor seeks records that do not currently exist on the system and require data compilation, extraction, or programming to produce, the requestor shall pay the cost to construct a new record, and the cost of programming and computer services necessary to produce a copy of the record. However, the District is under no obligation to provide records that do not already exist. Accordingly, the applicable fee is:

Fee = Labor Cost (\$~~1.24~~1.30 per minute production time)
+ Materials & Equipment Cost (rates specified in Section II.A)
+ Postage (if applicable)

Labor cost is based on the “average technical labor” rate and is charged only for the actual time spent producing the record.

This fee also applies when the request requires producing a record outside of the regularly scheduled interval.

C. COMPACT DISCS (CDs)

Fee = Labor Cost (\$~~0.65~~0.68 per minute duplicating time)
Cost per disc (CD-R Disc, Write-Once, 700 MB, 80 Minute, 52X = \$3.05/disc)
+ Postage (if applicable)



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23~~2~~

D. DIGITAL VERSATILE DISCS (DVDs)

Fee = Labor Cost (\$0.~~65~~⁶⁸ per minute duplicating time)
Cost per disc (DVD+R, 16X, Single Sided, 4.7 GB/120 Minutes = \$6.35/disc)
+ Postage (if applicable)

E. DIGITAL VERSATILE DISCS (DVDs)

Recordings of regular meetings of the Board of Directors are available on www.ebmud.com. Copies of archived recordings of regular meetings of the Board of Directors are available upon request and can be provided on compact disc or digital versatile disc.

NOTE – we no longer use cassette tapes.



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23~~2~~

DISTRICT PUBLICATION FEES

Fee = Cost of publication (see below)
+ Sales tax
+ Postage (if applicable)

Municipal Utility District Act \$5.15

Its Name Was MUD \$18.00

Plants and Landscapes for Summer Dry Climates of the San Francisco Bay Region

Hardcover \$49.95 each

For EBMUD customers \$29.95 each

Vendors and Retailers up to 50% discount



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23

INTRODUCTION

The following fee schedule has been established by the District to cover the costs for duplicating District documents, drawings, maps, recordings, and other records, as required by the Public Records Act.

The District offers access to its records upon receipt of a request that reasonably describes an identifiable record. Any questions or requests concerning District documents should be addressed to the Secretary of the District, East Bay Municipal Utility District, P.O. Box 24055, Oakland, California 94623-1055, or by calling (510) 287-0404.

CHARGES

Pursuant to the Public Records Act, the District may recover the “direct costs of duplication” for disclosable public records, unless a different charge is provided by statute. The direct cost of duplication generally covers two types of expenses – materials & equipment costs and labor costs.

- Materials & Equipment costs generally include the capital cost of the equipment, the maintenance contract, paper supplies, and other necessary expenses that must be incurred in order to make the equipment operational.
- Labor costs ordinarily include the pro rata salary of the clerical or technical employee operating the equipment.

The total cost for providing copies is a combination of materials, labor for actual duplication time, equipment usage, and postage, if applicable. The direct cost of duplication may vary depending on the size and type of media requested and the kind of reproduction equipment required.

Photocopies of non-District materials are charged at the same rate as District materials.

Prices quoted in this fee schedule are subject to change. An estimate of cost will be provided upon request.

Any records sent outside for duplication will be billed the actual cost of duplication by the outside vendor.

PAYMENT

For requests estimated to cost over \$100 in duplication fees, a deposit in the amount of the estimated fee will be required before duplication.

For all requests, payment in advance is required before release of records. Acceptable methods of payment include cash or check (payable to East Bay Municipal Utility District). The District does not currently accept electronic payments.



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23

INSPECTION/DELIVERY/PICK UP

The requestor is entitled to inspect records and/or obtain copies of records during normal business hours (8:00 a.m. to 4:30 p.m., Monday through Friday).

If the requestor wishes records to be delivered, copies will be sent first class mail unless the requestor makes other arrangements for pick up or delivery with the Secretary's Office. Postage will be charged for copies mailed to the requestor.

Federal Express service is available if the requestor supplies a Federal Express account number.

LEGAL COMPLIANCE OBLIGATIONS

Responsibility for adherence to copyright law rests with the individual requesting copies.

CATEGORIES

This fee schedule covers the following categories of document types or formats:

- I. Paper Based Records
 - A. General Business Documents & Engineering Drawings
 - B. Printed Maps
 - C. Bid Documents for Publicly Bid Projects
- II. Electronically Stored or Generated Records
 - A. Records that already exist
 - B. Records that do not already exist
 - C. Compact Disks (CDs)
 - D. Digital Versatile Disks (DVDs)

Fees for document types/requests not covered herein will be provided upon request.



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23

I. PAPER BASED RECORDS

A. GENERAL BUSINESS DOCUMENTS & ENGINEERING DRAWINGS

The fees charged for reproducing general business documents and engineering drawings, and printed maps photocopied onto regular paper in the sizes indicated below are based on the actual cost of duplication by the District.

Fee = Labor Cost (\$0.68 per minute duplicating time)
+ **Materials & Equipment Cost** (e.g., cost per sheet or media)
+ **Postage** (if applicable)

- **Labor Costs:** Labor costs for duplication time is charge at the rate of \$0.68 per minute. Labor costs are based on the labor rate of a clerical employee and is charged only for the actual time spent on duplication.
- **Materials & Equipment:** The duplicating cost per sheet or media type is based on the actual cost of materials and equipment needed to reproduce documents. As detailed below, fees will vary depending on the type and size of documents and the method used for duplication.

1) Regular copies

8-1/2 x 11	\$0.09/page
11 x 17	0.17/page

2) Color copies

Requests for color copies may be sent to an outside vendor and charged back to the requestor.

3) Facsimile copies within the continental U.S.

8-1/2 x 11	\$0.50/page
------------	-------------



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23

4) Engineering drawings

Size	Bond	Vellum
8-1/2 x 11	\$0.09	N/A
11 x 17	0.17	N/A
17 width	0.33	N/A
22 width	0.66	\$1.77
28 x 38	0.96	N/A

For sizes larger than those indicated in this chart, Engineering Records will determine the cost.

Drawings having a width greater than 36 inches cannot be reproduced on District equipment and must be sent out for commercial copying. These charges will be billed to the requestor.

B. PRINTED MAPS

The fees in this section apply to the duplication of existing hard copy B-maps. The fee listed is the cost per map for duplication by the District's print shop. All other pre-printed map sizes require special formatting and the cost for duplication by an outside vendor will be determined upon request.

B-maps 250' scale (11 x 17) includes Map View prints	\$0.99/map
Map Book Covers	\$38.64/cover

C. BID DOCUMENTS FOR PUBLICLY BID PROJECTS

Copies of plans and specifications for publicly bid construction projects are available through the District's Specifications, Cost Estimating, and Engineering Standard Records (ESR) Section at a per set cost established as each project is issued for bid. The fee will be based on the cost for duplication at the District's print shop or an outside copy service and postage, if applicable.

Pre-paid documents will be sent first class mail unless the requestor makes other arrangements for document pickup or delivery with the Specifications Clerk. Federal Express service is available if the requestor supplies a Federal Express account number.

Contract documents are also available for viewing and downloading from EBMUD's public website: www.ebmud.com via the "Business Center" link.



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23

Copies of CD-ROM versions of contract documents in Adobe Acrobat format are available free of charge from the Specifications Clerk at 510-287-1040.

Copies of historic contract documents can be provided in accordance with the provisions of item 1: General Business Documents.

II. ELECTRONICALLY STORED OR GENERATED DATA

The fees in this section apply to records stored electronically.

In general, there are two types of electronic records: (a) records that already exist on a system and merely require printing; and (b) records that do not currently exist and require data compilation, extraction, or programming to produce. A different fee rate applies to each of these types of records.

A. RECORDS THAT ALREADY EXIST

When a requestor seeks a record that already exists on a system (i.e., a record merely needs to be retrieved and printed, and does not require data compilation, extraction, or programming to produce), the following fee applies:

Fee = Labor Cost (\$0.68 per minute duplicating time)
+ Materials & Equipment Cost
+ Postage (if applicable)

Materials & Equipment costs vary with the types/formats of records requested as specified below:

1) Digital copies – PDF Files (including B-maps)

Cost of Media	
CD	\$3.05
DVD	6.35
Electronic Transfer	N/C



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23

2) Maps on Demand

Size	Bond	Vellum*	Bond Color
8-1/2 x 11	\$0.10	\$0.19	\$0.38
11 x 17	0.19	0.36	0.73
17 x 22	0.33	0.60	2.05
22 x 34	0.49	0.84	3.38
28 x 38	0.66	1.10	5.02

*Costs reflect color plots produced only from existing files.

3) Other Electronic Records

Description	Charge per Unit
8-1/2 x 11 (PC Printer)	\$0.09/page
CD	3.05 each
DVD	6.35 each
Electronic Transfer	N/C

B. RECORDS THAT DO NOT ALREADY EXIST

When a requestor seeks records that do not currently exist on the system and require data compilation, extraction, or programming to produce, the requestor shall pay the cost to construct a new record, and the cost of programming and computer services necessary to produce a copy of the record. However, the District is under no obligation to provide records that do not already exist. Accordingly, the applicable fee is:

Fee = Labor Cost (\$1.30 per minute production time)
+ Materials & Equipment Cost (rates specified in Section II.A)
+ Postage (if applicable)

Labor cost is based on the “average technical labor” rate and is charged only for the actual time spent producing the record.

This fee also applies when the request requires producing a record outside of the regularly scheduled interval.

C. COMPACT DISCS (CDs)

Fee = Labor Cost (\$0.68 per minute duplicating time)
Cost per disc (CD-R Disc, Write-Once, 700 MB, 80 Minute, 52X = \$3.05/disc)
+ Postage (if applicable)



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23

D. DIGITAL VERSATILE DISCS (DVDs)

Fee = Labor Cost (\$0.68 per minute duplicating time)
Cost per disc (DVD+R, 16X, Single Sided, 4.7 GB/120 Minutes = \$6.35/disc)
+ Postage (if applicable)

E. DIGITAL VERSATILE DISCS (DVDs)

Recordings of regular meetings of the Board of Directors are available on www.ebmud.com. Copies of archived recordings of regular meetings of the Board of Directors are available upon request and can be provided on compact disc or digital versatile disc.

NOTE – we no longer use cassette tapes.



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23

DISTRICT PUBLICATION FEES

Fee = Cost of publication (see below)
+ Sales tax
+ Postage (if applicable)

Municipal Utility District Act \$5.15

Its Name Was MUD \$18.00

Plants and Landscapes for Summer Dry Climates of the San Francisco Bay Region

Hardcover \$49.95 each

For EBMUD customers \$29.95 each

Vendors and Retailers up to 50% discount

Real Property Use Application Fees

FY 2024



REAL PROPERTY USE APPLICATION FEES

EFFECTIVE 07/01/2022

TYPE OF USE	APPLICATION FEE
Fee Title (<i>Outright purchase of District property</i>) Properties for Sale Unsolicited	\$2,400 <u>2,600</u> 14,200 <u>15,100</u>
Easement (<i>Rights for permanent use of District property, such as access, utilities, etc.</i>) Utility Type Other	2,400 <u>2,600</u> 6,600 <u>7,000</u>
Quitclaim (<i>Removal of District's right, title and interest to property</i>) Pipe Abandonment Other	1,200 <u>1,300</u> 2,700 <u>2,900</u>
Revocable License (<i>Permission to use District property for periods exceeding one year, subject to revocation. For such uses as utility road crossings of aqueduct properties</i>)	1,900 <u>2,100</u>
Lease (<i>The right to occupy and use District land for a specified time period</i>)	2,400 <u>2,600</u>
Telecommunication Lease (<i>Long-term lease for PCS, cellular and/or radio uses</i>)	4,200 <u>4,300</u>
Information-Only (<i>Request for information requiring research of District records. Information-only applicants will be charged a fee only if the estimated research time exceeds one hour</i>)	150 <u>160</u> /hr
Processing and Review of Watershed Land Use Proposals (<i>Request for District to perform a formal evaluation of watershed land use proposal</i>)	150 <u>160</u> /hr (plus all other District costs)
Property Entry Permits, Rights of Entry Permits (<i>Permission for temporary access onto District</i>)	360 <u>390</u>
Limited Land Use Permit (<i>Allows landscaping, gardening or other minor surface use of District property, subject to annual renewal</i>)	130 <u>140</u>
Temporary Construction Easement/Encroachment Permit (<i>Permission for temporary access onto District</i>) Open Land, No District Facilities With District Facilities	700 <u>770</u> 2,600 <u>2,700</u>
Survey Costs if needed (<i>Application use fees listed above do not include survey costs if needed</i>)	160 <u>170</u> /hr
Long Term Encroachment Permit	24,000 <u>25,700</u>



REAL PROPERTY USE APPLICATION FEES

EFFECTIVE 07/01/23

TYPE OF USE	APPLICATION FEE
Fee Title (<i>Outright purchase of District property</i>)	
Properties for Sale	\$2,600
Unsolicited	15,100
Easement (<i>Rights for permanent use of District property, such as access, utilities, etc.</i>)	
Utility Type	2,600
Other	7,000
Quitclaim (<i>Removal of District's right, title and interest to property</i>)	
Pipe Abandonment	1,300
Other	2,900
Revocable License (<i>Permission to use District property for periods exceeding one year, subject to revocation. For such uses as utility road crossings of aqueduct properties</i>)	2,100
Lease (<i>The right to occupy and use District land for a specified time period</i>)	2,600
Telecommunication Lease (<i>Long-term lease for PCS, cellular and/or radio uses</i>)	4,300
Information-Only (<i>Request for information requiring research of District records. Information-only applicants will be charged a fee only if the estimated research time exceeds one hour</i>)	160/hr
Processing and Review of Watershed Land Use Proposals (<i>Request for District to perform a formal evaluation of watershed land use proposal</i>)	160/hr (plus all other District costs)
Property Entry Permits, Rights of Entry Permits (<i>Permission for temporary access onto District</i>)	390
Limited Land Use Permit (<i>Allows landscaping, gardening or other minor surface use of District property, subject to annual renewal</i>)	140
Temporary Construction Easement/Encroachment Permit (<i>Permission for temporary access onto District</i>)	
Open Land, No District Facilities	770
With District Facilities	2,700
Survey Costs if needed (<i>Application use fees listed above do not include survey costs if needed</i>)	170/hr
Long Term Encroachment Permit	25,700

This page is intentionally left blank.

RESOLUTION NO. _____

ADOPTING REVISED REGULATIONS AND REVISED WATER AND WASTEWATER SYSTEMS SCHEDULES OF RATES, CHARGES, AND FEES NOT SUBJECT TO PROPOSITION 218 FOR FISCAL YEAR 2024, INCLUDING SYSTEM CAPACITY CHARGE, STANDARD PARTICIPATION CHARGE, WASTEWATER CAPACITY FEE, RECREATION USE FEES, PUBLIC RECORDS ACT FEES, REAL PROPERTY USE APPLICATION FEES, AND OTHER RATES, FEES, AND CHARGES; CONFIRMING THE EXEMPTION DETERMINATION UNDER THE CALIFORNIA ENVIRONMENTAL QUALITY ACT; AND DIRECTING STAFF TO FILE A NOTICE OF EXEMPTION

Introduced by Director

; Seconded by Director

WHEREAS, the Board of Directors is adopting the Fiscal Year 2024 (FY 2024) and Fiscal Year 2025 (FY 2025) Operating, Debt Service, and Capital Biennial Budget for expenditures necessary and advisable for the proper conduct of the activities of the East Bay Municipal Utility District (District), including funding for needed capital projects and for the operation of the water and wastewater systems and to provide an adequate level of financial reserves and debt service coverage; and

WHEREAS, on May 9, 2023, the General Manager filed with the Board of Directors the Biennial Report and Recommendation of the General Manager Fiscal Years 2024 & 2025 (Biennial Report), recommending revisions to the rates and charges to meet the District's revenue requirements for FY 2024 and FY 2025, including: (1) capacity charges for the water and wastewater systems, installation and service charges and fees for single-family residential, multi-family residential (MFR), commercial, and industrial customers; (2) Schedules B, C, D, E, F, G, H, J, and N of the Water System Schedules of Rates, Charges, and Fees for Customers of the East Bay Municipal Utility District; (3) Schedules C, D, E, F, G, and H of the Wastewater System Schedules of Rates, Charges, and Fees for Customers of the East Bay Municipal Utility District; (4) Section 1 of the Regulations Governing Water Service to Customers of the East Bay Municipal Utility District (Regulations) to address changes in the zoning for allowances for duplexes and triplexes on single-family lots; (5) Recreation Use Fees for the Camanche Hills Hunting Preserve, Camanche North and South Recreation Areas, and San Pablo Recreation Area; (6) duplication and computer programming fees related to Public Records Act requests; and (7) real property use application fees; and

WHEREAS, the changes to rates, charges, and fees as described above and as further set forth in this Resolution are not subject to article XIII D, section 6 of the California Constitution (Proposition 218), but are subject to the public notice and hearing requirements of Chapter 11.5 of the Municipal Utility District Act (Public Utilities Code section 14401, et seq.); and

WHEREAS, public workshops held on January 24, 2023 and March 28, 2023, and a public hearing held on June 13, 2023, noticed in the manner and for the time required by law, were

conducted by the Board of Directors, at which times all interested persons were afforded an opportunity to be heard on matters pertaining to revision of the rates, charges, and fees; and

WHEREAS, all comments, objections, and protests to the Biennial Report have been given full opportunity to be heard by the Board of Directors, and the Board of Directors has fully considered said Biennial Report; and

WHEREAS, other proposed changes to the District's Water and Wastewater Systems Schedules of Rates, Charges, and Fees, which are subject to and comply with the notice and hearing requirements of Proposition 218, are not described in this Resolution and are instead described in a separate resolution, and in connection therewith, a Proposition 218 public hearing was conducted by the Board of Directors on June 13, 2023, to consider the proposed water and wastewater systems rates and charges subject to Proposition 218; and

WHEREAS, the District, as the lead agency under the California Environmental Quality Act (CEQA), in consultation with the District's legal counsel, has determined that adoption of the rates, charges, and fees set forth in this Resolution is exempt from CEQA review under Public Resources Code section 21080(b)(8) and CEQA Guidelines section 15273 because the rates, charges, and fees are necessary and reasonable to fund the administration, operation, maintenance, and improvements of the water and wastewater systems and will not result in the expansion of the water and wastewater systems. This exemption determination is supported by the Biennial Report and the foregoing Recitals. Further, the District has determined that the adoption of the rates, charges, and fees set forth in this Resolution is also exempt from the requirements of CEQA as an action with no possibility of causing a significant effect on the environment;

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors hereby finds and determines the following:

1. The foregoing Recitals are true and correct, and by this reference are incorporated herein and made a part hereof.
2. The service charges adopted herein are imposed to recover the cost of special services provided by the East Bay Municipal Utility District to the customer or fee payor and were determined based upon District estimates of the costs of providing the relevant services. The Water Demand Mitigation Fee, the System Capacity Charge (SCC), the Standard Participation Charge (SPC), and the Wastewater Capacity Fee (WCF) are levied only as a condition of extending or initiating service upon the request of a customer. The charges adopted herein are not imposed upon real property or upon a person as an incident of property ownership and were not calculated or developed on the basis of any parcel map, including an assessor's parcel map.
3. The purpose of the SCC and the SPC is to finance facilities necessary to provide service to new development that will be served by the East Bay Municipal Utility District. The SCC and SPC are charges for public facilities in existence at the time the charge is imposed or a charge for new public facilities to be acquired or constructed in the future

that are of proportional benefit to the person or property being charged, including supply or capacity contracts for rights or entitlements, real property interests, and entitlements and other rights of the District involving capital expense relating to its use of existing or new public facilities. The SCC methodology that combines the incremental cost and “buy-in” methodologies recovers the cost of many existing District facilities, which provide benefits to new users. The SCC reflects the findings and recommendations of the SCC study completed in 2021 by Stantec Consulting Services.

4. The revisions to the SCC, set forth in Schedule J of the Water System Schedule of Rates, Charges, and Fees which is attached as part of Exhibit A hereto, are necessary and appropriate to reflect updates for construction cost escalation, depreciation, additional facilities and future supply projects, and outstanding debt balance.
5. The revisions to the SPC, set forth in Schedule H of the Water System Schedule of Rates, Charges, and Fees which is attached to this Resolution as part of Exhibit A hereto, are necessary and appropriate to reflect the allowable costs for facilities necessary to serve applicants who had separate facility agreements with the District prior to July 1, 1983.
6. The revisions to the Water Demand Mitigation Fees, set forth in Schedule N of the Water System Schedule of Rates, Charges, and Fees which is attached to this Resolution as part of Exhibit A hereto, are necessary and appropriate to reflect the latest future water supply costs and to reflect the latest U.S. City Average of the Consumer Price Index.
7. The facts and evidence presented to the Board of Directors establish that there is a reasonable relationship between the need for the identified facilities and the impacts of the types of development for which the SCC and SPC are charged, and there is a reasonable relationship between the use of those fees to finance facilities necessary to provide a supply of water to new development and the type of development for which the fees are charged. The District’s methodology appropriately allocates to the SCC and SPC the costs related to augmenting the District’s water supplies to satisfy increased demand associated with future development within the District’s existing service area.
8. The purpose of the WCF is to recover the costs of providing wastewater treatment capacity for new or expanded system use. The WCF is a charge for public facilities in existence at the time the charge is imposed that is of proportional benefit to the person or property being charged, including supply or capacity contracts for rights or entitlements, real property interests, and entitlements and other rights of the District involving capital expense relating to its use of existing or new public facilities. The WCF is based on a “buy-in” or an equity approach, whereby new users “buy-in” to a wastewater system that has adequate capacity to serve both existing demands and new growth. The WCF reflects the findings and recommendations of the WCF study completed in 2019 by Raftelis Financial Consultants.
9. The revisions to the WCF, set forth in Schedule G of the Wastewater System Schedule of Rates, Charges, and Fees which is attached as part of Exhibit B hereto, include updates for the construction of additional facilities and construction cost escalations.

10. The facts and evidence presented to the Board of Directors establish that there is a reasonable relationship between the need for the identified facilities and the impacts of the types of development for which the WCF is charged, and there is a reasonable relationship between the use of those fees to finance facilities to new development and the type of development for which the fees are charged.
11. The Water and Wastewater Systems Rates, Charges, and Fees herein described and recommended in the Biennial Report, and the recommended Recreation Use Fees, Public Records Act-related fees, and Real Property Use Application Fees, are designed to recover the estimated cost to provide the services for which the fees are charged, as determined by the District based upon evidence regarding such costs.
12. The revisions to Section 1 of the Regulations are necessary to modify a definition in the Regulations for the purpose of addressing changes in the zoning for allowances for duplexes and triplexes on single-family lots.
13. The water, wastewater, recreation, real property, and Public Records Act rates, charges, and fees are imposed for specific products, services, benefits, and privileges provided, for entrance to and use of property, and/or for rental or lease of property, and those rates, charges, and fees do not exceed the reasonable costs to the District of providing those products, benefits, privileges and services to the payors, or in the case of fees for entrance to and use of property and/or for rental or lease of property, the fees do not exceed the reasonable value of the property interest provided. These rates, charges, and fees were determined by the District based upon evidence regarding such costs.

BE IT FURTHER RESOLVED:

14. All objections and protests to the Biennial Report are hereby overruled and denied and said Biennial Report is hereby accepted and approved.
15. The revised Schedules B, C, D, E, F, G, H, J, and N of the Water System Schedules of Rates, Charges, and Fees for Customers of the East Bay Municipal Utility District, beginning FY 2024, and the revised Section 1 of the Regulations, all contained in Chapter 5(a) of the Biennial Report, and all attached hereto as part of Exhibit A, are hereby adopted and the charges and provisions therein contained are hereby fixed and established to be effective July 1, 2023 for services rendered on or after July 1, 2023.
16. The revised Schedules C, D, E, F, G, and H of the Wastewater System Schedules of Rates, Charges, and Fees for Customers of the East Bay Municipal Utility District beginning FY 2024, all contained in Chapter 5(a) of the Biennial Report, and all attached hereto as part of Exhibit B, are hereby adopted and the charges and provisions therein contained are hereby fixed and established to be effective July 1, 2023 for services rendered on or after July 1, 2023.

17. The revised Recreation Use Fees for Calendar Year 2023, contained in Chapter 5(a) of the Biennial Report, and attached hereto as part of Exhibit C, are hereby fixed and established to be effective July 1, 2023.
18. The revised Recreation Use Fees for Calendar Year 2024, contained in Chapter 5(a) of the Biennial Report, and attached hereto as part of Exhibit C, are hereby fixed and established to be effective January 1, 2024 and shall remain in effect thereafter until modified by subsequent action of the Board of Directors.
19. The revised duplication and computer programming fees related to Public Records Act requests, contained in Chapter 5(a) of the Biennial Report, and attached hereto as part of Exhibit D, are hereby fixed and established to be effective July 1, 2023 for services rendered on or after July 1, 2023.
20. The revised Real Property Use Application Fees contained in Chapter 5(a) of the Biennial Report, and attached hereto as part of Exhibit D, are hereby fixed and established to be effective July 1, 2023 for services rendered on or after July 1, 2023.
21. As set forth more fully above and as evidenced by the Biennial Report, the aforesaid actions constitute modification and approval of rates and other charges for the purpose of meeting operating expenses, including employee wage rates and fringe benefits; purchasing or leasing supplies, equipment, or material; meeting financial reserve needs and requirements; or obtaining funds for capital projects necessary to maintain service in the existing service area; and the Board of Directors therefore confirms the District's determination that its aforesaid actions are exempt from the requirements of CEQA. The Board of Directors further confirms the District's determination that these actions are exempt from the requirements of CEQA because there is no possibility that adoption of the rates and charges set forth herein will have a significant effect on the environment. Therefore, the Board of Directors hereby directs the Secretary of the District to file a Notice of Exemption in accordance with applicable statutes and regulations with the County Clerks of Alameda, Amador, Calaveras, Contra Costa, and San Joaquin Counties.

BE IT FURTHER RESOLVED:

22. If any section, subsection, clause or phrase in this Resolution or the application thereof to any person or circumstances is for any reason held invalid, the validity of the remainder of this Resolution or the application of such provisions to other persons or circumstances shall not be affected thereby and shall remain in full force and effect until modified or superseded by action of the Board of Directors. The Board of Directors hereby declares that it would have passed this Resolution and each section, subsection, sentence, clause, or phrase thereof, irrespective of the fact that one or more sections, subsections, sentences, clauses or phrases or the application thereof to any person or circumstance be held invalid.

BE IT FURTHER RESOLVED:

23. The appropriate officers of the East Bay Municipal Utility District are hereby authorized and directed to take such actions as shall be necessary to impose, enforce and collect said fees, rates, charges, and regulations.

ADOPTED this 13th day of June, 2023 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

President

ATTEST:

Secretary

APPROVED AS TO FORM AND PROCEDURE:

General Counsel

Water System Schedules of Rates and Charges, Capacity Charges, Other Fees Not Subject to Proposition 218, and Regulations

FY 2024

Schedule B – Account Establishment Charge

Schedule C – Charges for Special Services

Schedule D – Water Service Installation Charges

Schedule E – Private Fire Service Installation Charges

Schedule F – Public Fire Hydrant Installation Charges

Schedule G – Water Main Extension Charges

Schedule H – Standard Participation Charge (SPC)

Schedule J – System Capacity Charge (SCC)

Schedule N – Water Demand Mitigation Fees

Section 1 – Explanation of Terms Used in These Regulations

Schedule B

Account Establishment Charge

FY 2024



SCHEDULE B – ACCOUNT ESTABLISHMENT CHARGE

EFFECTIVE 07/01/23~~2~~

The charge for establishing a new account or the transfer of an account for a customer moving from one address to another within the District's service area is \$~~63~~67 with the following exceptions:

- Customers in the Customer Assistance Program shall be charged \$~~34~~34.
- Landlords requiring temporary water service for a period not to exceed 60 days shall be charged \$~~34~~34, with the balance of the Account Establishment Charge billed for water service that exceeds 60 days.
- There will be no transfer fee to change the name of an account when the responsible party is a landlord who has signed an intervening water service agreement.
- There will be no transfer fee to change the name of an account when the same person or entity is to remain responsible.
- Customers may use the EBMUD website and use the online process to electronically set up a new account or transfer an existing account from one address to another when they move. The charge for electronically establishing a new account or electronically transferring an existing account for a single family residence customer is \$~~47~~51.



SCHEDULE B – ACCOUNT ESTABLISHMENT CHARGE

EFFECTIVE 07/01/23

The charge for establishing a new account or the transfer of an account for a customer moving from one address to another within the District's service area is \$67 with the following exceptions:

- Customers in the Customer Assistance Program shall be charged \$34.
- Landlords requiring temporary water service for a period not to exceed 60 days shall be charged \$34, with the balance of the Account Establishment Charge billed for water service that exceeds 60 days.
- There will be no transfer fee to change the name of an account when the responsible party is a landlord who has signed an intervening water service agreement.
- There will be no transfer fee to change the name of an account when the same person or entity is to remain responsible.
- Customers may use the EBMUD website and use the online process to electronically set up a new account or transfer an existing account from one address to another when they move. The charge for electronically establishing a new account or electronically transferring an existing account for a single family residence customer is \$51.

Schedule C
Charges for Special Services
FY 2024



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23~~2~~

A. METER TESTING

Charges for meter testing will be in accordance with the following schedule:

<u>SIZE OF METER</u>	<u>TESTING CHARGES</u>
5/8", 3/4", and 1"	\$71
1-1/2" and 2"	\$71 On Site \$159 Pull/Test
3" and larger	\$318 On Site Actual Cost Pull and Test

B. SERVICE INTERRUPTION

The charge for shutting off water service due to non-payment of a water bill is \$50

The charge for restoring service after payment has been received during regular office hours is \$50

The charge for restoring service between 5 p.m. and 8 a.m. or on Saturday, Sunday, or on a holiday is ~~\$74~~79

An additional charge to lock or plug the meter due to non-payment or unauthorized water use is

S-Lock	\$67 <u>71</u>
Plug	\$453 <u>479</u>

A service interruption charge of \$50 may be charged in the event of any additional field stops to shut off service beyond the initial service interruption, including EBMUD locking the meter if the customer self-restores water service prior to making payment. (See Section M.)

C. RETURNED PAYMENT CHARGE

A charge of \$29 shall be paid for each check or electronic transaction received as payment to the District that is returned unpaid from a financial institution.

D. PROCESSING FEES FOR DELINQUENT CHARGE COLLECTION THROUGH LIENS AND PROPERTY TAX BILLS ON MULTI-FAMILY RESIDENTIAL ACCOUNTS

For multi-family residential accounts, the District may place liens on parcels with unpaid charges and collect unpaid amounts on parcels' property tax bills. Multi-family residential accounts are any residential accounts where a water meter serves two or more dwelling units.



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23~~2~~

- | | |
|--|---|
| 1. Lien Filing Fee | \$169 per lien (in Alameda County)

\$145 per lien (in Contra Costa County) |
| 2. Lien Removal Fee | \$123 (in Alameda County) and
\$119 (in Contra Costa County) for first
lien removed

\$56 (in Alameda County) and \$52 (in
Contra Costa County) for each additional
lien removed at the same time |
| 3. Property Tax Transfer Fee Unpaid
Charges with Liens Recorded | \$24 +1.7% (in Alameda County)

\$24 +\$3 per parcel (in Contra Costa
County) |

E. PROHIBITED WATER USE CHARGE

A charge of \$50 shall be paid to cover the monitoring costs incurred by the District if, after written notification, excessive or prohibited water use is not curtailed.

F. FLOW-RESTRICTOR INSTALLATION

The charge for District installation of a flow-restricting device on any service that continues excessive water use, after written notification, will be in accordance with the following schedule:

1. On services two-inches and smaller –

5/8" and 3/4"	\$ 134 <u>141</u>
1"	\$ 134 <u>141</u>
1-1/2"	\$284
2"	\$284

2. All others –

The charges for installing flow-restricting devices on water services, other than those in the above schedule, shall be the actual cost of installing the device, as determined by the District, including engineering, equipment, material, labor, and related overhead expenses.



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23~~2~~

G. NOTICE OF PROHIBITED WATER USE AND FLOW-RESTRICTOR CHARGES

For the purposes of Sections E and F above, written notification shall:

1. Specify the date by which excessive or prohibited water use must be curtailed to avoid further enforcement action; and
2. Be sent by certified mail (return receipt requested) or by other written means which would be sufficient for obtaining personal service in a legal proceeding.

H. RESCINDED 12/10/96

I. BACKFLOW DEVICE ANNUAL CERTIFICATION CHARGE

Where it is probable that a pollutant, contaminant, system, or plumbing hazard may be created by a water user, or where the water system is unstable and cross-connections may be installed or reinstalled, an approved backflow prevention device of the proper type is required for all premises except for conforming single-family premises at the customer's expense. See Section 26 of the District's Regulations Governing Water Service.

1. The charge for administering the Backflow Program Certification for all specified accounts (annually) \$~~64~~62
2. The charge for District staff to conduct a *Change of Responsible Party* or *Change of Use Survey* or to respond to a commercial customer's request for a backflow/cross connection survey, an initial or follow-up backflow inspection \$142/hr.
3. The charge for backflow testers to be placed on the District's list of certified testers \$~~473~~177

J. BACKFLOW DEVICE VIOLATION

For those customers where the service has been terminated for failure to meet the District's Backflow Program requirements, a charge will be made to cover the District's costs pursuant to the termination and restoration of service

\$~~605~~619

K. LATE PAYMENT PENALTY AND INTEREST

For those customers with outstanding overdue balances exceeding \$10 at billing, a charge equivalent to 1.5 percent of the overdue balance (minimum charge \$1) will be made to recover foregone interest on District money, and the District's costs to process overdue accounts. Customers in the Customer Assistance Program shall be exempt from the late payment penalty and interest.



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23~~2~~

L. PROCESSING FEE FOR INTERVENING WATER SERVICE AGREEMENT

The charge for the District to process an intervening water service agreement for a participating landlord in the District’s automated landlord sign-on service is **\$~~64~~76**

Requests to modify intervening water service agreement property account information must be submitted in writing and can be dropped off, mailed, or faxed to a District business office.

The charge for each written request to modify the original intervening water service agreement by adding to or deleting property account information from the original agreement is **\$~~64~~76**

M. SERVICE TRIP CHARGE

The charge for District staff to perform special services for customers is **\$50**

The charge may be applied for, but is not limited to the following:

1. Additional field stops beyond the initial service interruption to shut off service due to non-payment, including a field stop to lock the meter if the customer self-restores water service prior to making payment;
2. Follow-up site visits to customers who have not complied after the District’s notification to correct an obstructed meter condition or to remove unauthorized devices or equipment attached to District property in the meter box; and
3. Field inspections conducted at the customer’s request.

N. PUBLIC HYDRANT METER ACCOUNT ESTABLISHMENT CHARGES

Customers can request a 3-inch hydrant meter that can be hooked up to a public fire hydrant to measure water use at a property site. Customers are required to: 1) provide hydrant meter readings every two months, within two weeks of the meter read due date; 2) return hydrant meter equipment within one month following a meter use period; and 3) renew the hydrant meter permit and exchange the hydrant meter equipment within 11 months from the date of issuance, if continued use is desired.

The charge to establish water service for a hydrant meter is **\$~~128~~137**

The charge to renew a hydrant meter account at the end of a 12-month period is **\$~~128~~137**

Hydrant meter security deposit **\$1,350**

If a field stop is required to establish a new account, a **\$~~256~~273** site visit charge shall be paid in addition to the **\$~~128~~137** account establishment charge. (See Section O.)



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23~~2~~

O. PUBLIC HYDRANT METER ACCOUNT SITE VISIT CHARGE

The charge for a Field Services Representative to conduct a hydrant meter site visit to perform special services for customers is

~~\$256~~273

The charge shall be applied for, but is not limited to the following:

1. Reading hydrant meters for which the two-month reading was not submitted by the customer;
2. Retrieving hydrant meter equipment from a customer site;
3. Delivering hydrant meter equipment to a customer; and
4. Establishing or renewing a hydrant meter account in the field.



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23

A. METER TESTING

Charges for meter testing will be in accordance with the following schedule:

<u>SIZE OF METER</u>	<u>TESTING CHARGES</u>
5/8", 3/4", and 1"	\$71
1-1/2" and 2"	\$71 On Site \$159 Pull/Test
3" and larger	\$318 On Site Actual Cost Pull and Test

B. SERVICE INTERRUPTION

The charge for shutting off water service due to non-payment of a water bill is \$50

The charge for restoring service after payment has been received during regular office hours is \$50

The charge for restoring service between 5 p.m. and 8 a.m. or on Saturday, Sunday, or on a holiday is \$79

An additional charge to lock or plug the meter due to non-payment or unauthorized water use is

S-Lock	\$71
Plug	\$479

A service interruption charge of \$50 may be charged in the event of any additional field stops to shut off service beyond the initial service interruption, including EBMUD locking the meter if the customer self-restores water service prior to making payment. (See Section M.)

C. RETURNED PAYMENT CHARGE

A charge of \$29 shall be paid for each check or electronic transaction received as payment to the District that is returned unpaid from a financial institution.

D. PROCESSING FEES FOR DELINQUENT CHARGE COLLECTION THROUGH LIENS AND PROPERTY TAX BILLS ON MULTI-FAMILY RESIDENTIAL ACCOUNTS

For multi-family residential accounts, the District may place liens on parcels with unpaid charges and collect unpaid amounts on parcels' property tax bills. Multi-family residential accounts are any residential accounts where a water meter serves two or more dwelling units.



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23

- | | |
|--|---|
| 1. Lien Filing Fee | \$169 per lien (in Alameda County)

\$145 per lien (in Contra Costa County) |
| 2. Lien Removal Fee | \$123 (in Alameda County) and
\$119 (in Contra Costa County) for first
lien removed

\$56 (in Alameda County) and \$52 (in
Contra Costa County) for each additional
lien removed at the same time |
| 3. Property Tax Transfer Fee Unpaid
Charges with Liens Recorded | \$24 +1.7% (in Alameda County)

\$24 +\$3 per parcel (in Contra Costa
County) |

E. PROHIBITED WATER USE CHARGE

A charge of \$50 shall be paid to cover the monitoring costs incurred by the District if, after written notification, excessive or prohibited water use is not curtailed.

F. FLOW-RESTRICTOR INSTALLATION

The charge for District installation of a flow-restricting device on any service that continues excessive water use, after written notification, will be in accordance with the following schedule:

1. On services two-inches and smaller –

5/8" and 3/4"	\$141
1"	\$141
1-1/2"	\$284
2"	\$284

2. All others –

The charges for installing flow-restricting devices on water services, other than those in the above schedule, shall be the actual cost of installing the device, as determined by the District, including engineering, equipment, material, labor, and related overhead expenses.



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23

G. NOTICE OF PROHIBITED WATER USE AND FLOW-RESTRICTOR CHARGES

For the purposes of Sections E and F above, written notification shall:

1. Specify the date by which excessive or prohibited water use must be curtailed to avoid further enforcement action; and
2. Be sent by certified mail (return receipt requested) or by other written means which would be sufficient for obtaining personal service in a legal proceeding.

H. RESCINDED 12/10/96

I. BACKFLOW DEVICE ANNUAL CERTIFICATION CHARGE

Where it is probable that a pollutant, contaminant, system, or plumbing hazard may be created by a water user, or where the water system is unstable and cross-connections may be installed or reinstalled, an approved backflow prevention device of the proper type is required for all premises except for conforming single-family premises at the customer's expense. See Section 26 of the District's Regulations Governing Water Service.

- | | |
|--|-----------|
| 1. The charge for administering the Backflow Program Certification for all specified accounts (annually) | \$62 |
| 2. The charge for District staff to conduct a <i>Change of Responsible Party</i> or <i>Change of Use Survey</i> or to respond to a commercial customer's request for a backflow/cross connection survey, an initial or follow-up backflow inspection | \$142/hr. |
| 3. The charge for backflow testers to be placed on the District's list of certified testers | \$177 |

J. BACKFLOW DEVICE VIOLATION

For those customers where the service has been terminated for failure to meet the District's Backflow Program requirements, a charge will be made to cover the District's costs pursuant to the termination and restoration of service	\$619
--	-------

K. LATE PAYMENT PENALTY AND INTEREST

For those customers with outstanding overdue balances exceeding \$10 at billing, a charge equivalent to 1.5 percent of the overdue balance (minimum charge \$1) will be made to recover foregone interest on District money, and the District's costs to process overdue accounts. Customers in the Customer Assistance Program shall be exempt from the late payment penalty and interest.



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23

L. PROCESSING FEE FOR INTERVENING WATER SERVICE AGREEMENT

The charge for the District to process an intervening water service agreement for a participating landlord in the District's automated landlord sign-on service is \$76

Requests to modify intervening water service agreement property account information must be submitted in writing and can be dropped off, mailed, or faxed to a District business office.

The charge for each written request to modify the original intervening water service agreement by adding to or deleting property account information from the original agreement is \$76

M. SERVICE TRIP CHARGE

The charge for District staff to perform special services for customers is \$50

The charge may be applied for, but is not limited to the following:

1. Additional field stops beyond the initial service interruption to shut off service due to non-payment, including a field stop to lock the meter if the customer self-restores water service prior to making payment;
2. Follow-up site visits to customers who have not complied after the District's notification to correct an obstructed meter condition or to remove unauthorized devices or equipment attached to District property in the meter box; and
3. Field inspections conducted at the customer's request.

N. PUBLIC HYDRANT METER ACCOUNT ESTABLISHMENT CHARGES

Customers can request a 3-inch hydrant meter that can be hooked up to a public fire hydrant to measure water use at a property site. Customers are required to: 1) provide hydrant meter readings every two months, within two weeks of the meter read due date; 2) return hydrant meter equipment within one month following a meter use period; and 3) renew the hydrant meter permit and exchange the hydrant meter equipment within 11 months from the date of issuance, if continued use is desired.

The charge to establish water service for a hydrant meter is \$137

The charge to renew a hydrant meter account at the end of a 12-month period is \$137

Hydrant meter security deposit \$1,350

If a field stop is required to establish a new account, a \$273 site visit charge shall be paid in addition to the \$137 account establishment charge. (See Section O.)



SCHEDULE C – CHARGES FOR SPECIAL SERVICES

EFFECTIVE 07/01/23

O. PUBLIC HYDRANT METER ACCOUNT SITE VISIT CHARGE

The charge for a Field Services Representative to conduct a hydrant meter site visit to perform special services for customers is \$273

The charge shall be applied for, but is not limited to the following:

1. Reading hydrant meters for which the two-month reading was not submitted by the customer;
2. Retrieving hydrant meter equipment from a customer site;
3. Delivering hydrant meter equipment to a customer; and
4. Establishing or renewing a hydrant meter account in the field.

Schedule D

Water Service Installation Charges

FY 2024



SCHEDULE D – WATER SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/23²

Requests for the installation of a water service or changes to a water service must comply with all applicable District Regulations Governing Water Service

A. INSTALLING A SERVICE

The charge for installing water service (meter, lateral, and appurtenances), including a private fire service requiring a meter that is smaller than 4 inches, will be in accordance with the following schedule. The charge for installing a private fire service meter that is 4 inches or larger is set forth in Schedule E – Private Fire Service Installation Charges.

1. METERS SMALLER THAN FOUR INCHES

a. Regular Services (1 meter per lateral)

LATERAL AND METER SIZE	INSTALLED IN PAVED CONDITIONS ₁		INSTALLED IN UNPAVED CONDITIONS ₂	
	1" and smaller Lateral with 1" and under meter	\$9,499	<u>\$10,483</u>	\$5,145
1-1/2" Lateral with 1- 1/2" and under meter	15,244	<u>17,317</u>	9,135	<u>10,635</u>
2" Lateral with 2" and under meter	15,244	<u>17,317</u>	9,135	<u>10,635</u>
3" ³ Lateral with 3" and under meter	34,310	<u>37,365</u>	23,716	<u>25,868</u>
4" ³ Lateral with 4" and under meter	34,310	<u>37,365</u>	23,716	<u>25,868</u>

Cost to install services with 6" laterals and larger will be calculated on an actual cost basis.

¹ Paved conditions are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist.

² Unpaved conditions are limited to conditions where paving has not previously existed and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final lift.

³ Requires steel pipes.



SCHEDULE D – WATER SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/23~~2~~

b. Branch Services (2 or more meters per lateral)

METER SIZE	# OF METERS	INSTALLED IN PAVED CONDITIONS ⁴	INSTALLED IN UNPAVED CONDITIONS ⁵
5/8" Meters	2	\$9,880	11,141
	3	14,995	17,700
	4	15,376	18,357
	5	15,757	19,015
	6	16,138	19,672
	7	16,519	20,330
	8	16,900	20,988
1" Meters	2	14,614	17,042
	3	14,995	17,700
	4	15,376	18,357

c. Adjustment for Applicant Assisted Service Installations

Applicants requesting installation of at least 15 service laterals may choose to provide their own trenching and backfilling and be eligible to receive a refund of up to \$540583 per service lateral installed provided that the applicant:

- (i) pays the appropriate charges for each service as specified in sections (a) or (b) above.
- (ii) clears the construction site of obstructing materials and equipment.
- (iii) excavates a minimum of 15 service laterals ahead of District crews.
- (iv) hauls sand and select backfill to the construction site for use by District crews in supporting the service lateral and for applicant backfilling of trenches.
- (v) backfills and compacts the trenches after District crews have installed and properly secured the service lateral.
- (vi) reimburses the District for (1) unproductive crew standby due to applicant's failure to prepare the site or excavate trenches in advance; (2) District costs to repair damage done by applicant's trenching operation.

⁴ Paved conditions are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist.

⁵ Unpaved conditions are limited to conditions where paving has not previously existed, and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final lift



SCHEDULE D – WATER SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/23~~2~~

2. ALL OTHERS

The charge or credits for installing all water services other than those specified in Section (A)(1) of this schedule shall be the actual cost of installing the service, as determined by the District, including engineering, equipment, material, labor, and related overhead expenses. The charge for installing private fire service requiring a meter that is 4 inches or larger is stated in Schedule E.

B. COST OF INCREASING METER SIZE (Up to available capacity on existing lateral)

<u>1" and smaller Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	\$1,153 <u>\$1,291</u>
<u>1-1/2" Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	
Up to 1-1/2"		\$1,153 <u>\$1,380</u>
<u>2" Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	
Up to 2"		\$1,237 <u>\$1,380</u>
<u>4" Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	
Up to 2"		\$1,237 <u>\$1,380</u>
<u>4" Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	
Up to 4"		\$6,420 <u>\$7,389</u>

C. COST OF REDUCING METER SIZE (Additional charge of \$600 if concrete replacement required)

1", 1-1/2" and 2" Laterals	to smaller meter	\$1,159 <u>\$1,272</u>
3" and 4" Laterals	to smaller meter	\$3,151 <u>\$3,448</u>

D. RELOCATING AN EXISTING SERVICE

- To relocate an existing service perpendicular to the curb line or a distance not exceeding five feet parallel to the curb line, a charge will be ~~\$2,527~~ \$2,710.
- To transfer service or to relocate an existing service a distance exceeding five feet parallel to the curb line, a charge will be made in accordance with Section A – Installing a Service plus the cost of eliminating old service connection.



SCHEDULE D – WATER SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/23~~2~~

E. RESETTING OR REPLACING A METER

There will be a charge equivalent to 5.0 percent of the water service installation charge for resetting a meter on an existing service connection.

There will be a charge equivalent to 5.0 percent of the water service installation charge for replacing a meter when applicants lose or damage meters when constructing new developments.

F. CONVERSION OF INDIVIDUAL SERVICE TO BRANCH SERVICE AND CONVERSION OF BRANCH SERVICE TO INDIVIDUAL SERVICE

(Multi-metering, when feasible)

Branch Conversion \$~~2,303~~2,492 for two meter conversion, \$~~381~~658 for each additional meter
(Additional charge of \$600 if concrete replacement is required)

G. SERVICE ELIMINATIONS

3/4" to 2" \$~~2,367~~2,492 (Additional charge of \$600 if concrete replacement required)

3" to 12" \$~~4,039~~4,354 (Additional charge of \$600 if concrete replacement required)

H. INSTALLATION OR OTHER WORK UNDER UNUSUAL CONDITIONS

The above charges apply to installation charges for water services four inches and smaller except where there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street utility congestions, known potential for archeological or paleontological resources, contaminated soils, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including but not limited to added testing and inspection, changes due to project revisions, property rights evaluation, and/or clean soil utility corridor establishment, and any construction by District forces to complete the installation. In such cases, the charge or credit will be based on the District's actual cost of all engineering, material, equipment, labor, and related overhead expenses incidental to the installation.



SCHEDULE D – WATER SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/23

Requests for the installation of a water service or changes to a water service must comply with all applicable District Regulations Governing Water Service

A. INSTALLING A SERVICE

The charge for installing water service (meter, lateral, and appurtenances), including a private fire service requiring a meter that is smaller than 4 inches, will be in accordance with the following schedule. The charge for installing a private fire service meter that is 4 inches or larger is set forth in Schedule E – Private Fire Service Installation Charges.

1. METERS SMALLER THAN FOUR INCHES

a. Regular Services (1 meter per lateral)

LATERAL AND METER SIZE	INSTALLED IN PAVED CONDITIONS ¹	INSTALLED IN UNPAVED CONDITIONS ²
1" and smaller Lateral with 1" and under meter	\$10,483	\$5,681
1-1/2" Lateral with 1-1/2" and under meter	17,317	10,635
2" Lateral with 2" and under meter	17,317	10,635
3" ³ Lateral with 3" and under meter	37,365	25,868
4" ³ Lateral with 4" and under meter	37,365	25,868

Cost to install services with 6" laterals and larger will be calculated on an actual cost basis.

¹ Paved conditions are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist.

² Unpaved conditions are limited to conditions where paving has not previously existed and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final lift.

³ Requires steel pipes.



SCHEDULE D – WATER SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/23

b. Branch Services (2 or more meters per lateral)

METER SIZE	# OF METERS	INSTALLED IN PAVED CONDITIONS ⁴	INSTALLED IN UNPAVED CONDITIONS ⁵
5/8" Meters	2	\$11,141	\$6,339
	3	17,700	11,019
	4	18,357	11,676
	5	19,015	12,334
	6	19,672	12,991
	7	20,330	13,649
	8	20,988	14,307
	1" Meters	2	17,042
3		17,700	11,019
4		18,357	11,676

c. Adjustment for Applicant Assisted Service Installations

Applicants requesting installation of at least 15 service laterals may choose to provide their own trenching and backfilling and be eligible to receive a refund of up to \$583 per service lateral installed provided that the applicant:

- (i) pays the appropriate charges for each service as specified in sections (a) or (b) above.
- (ii) clears the construction site of obstructing materials and equipment.
- (iii) excavates a minimum of 15 service laterals ahead of District crews.
- (iv) hauls sand and select backfill to the construction site for use by District crews in supporting the service lateral and for applicant backfilling of trenches.
- (v) backfills and compacts the trenches after District crews have installed and properly secured the service lateral.
- (vi) reimburses the District for (1) unproductive crew standby due to applicant's failure to prepare the site or excavate trenches in advance; (2) District costs to repair damage done by applicant's trenching operation.

⁴ Paved conditions are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist.

⁵ Unpaved conditions are limited to conditions where paving has not previously existed, and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final lift



SCHEDULE D – WATER SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/23

2. ALL OTHERS

The charge or credits for installing all water services other than those specified in Section (A)(1) of this schedule shall be the actual cost of installing the service, as determined by the District, including engineering, equipment, material, labor, and related overhead expenses. The charge for installing private fire service requiring a meter that is 4 inches or larger is stated in Schedule E.

B. COST OF INCREASING METER SIZE (Up to available capacity on existing lateral)

<u>1" and smaller Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	\$1,291
<u>1-1/2" Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	
Up to 1-1/2"		\$1,380
<u>2" Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	
Up to 2"		\$1,380
<u>4" Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	
Up to 2"		\$1,380
<u>4" Tap and Lateral</u>	(Additional charge of \$600 if concrete replacement required)	
Up to 4"		\$7,389

C. COST OF REDUCING METER SIZE (Additional charge of \$600 if concrete replacement required)

1", 1-1/2" and 2" Laterals	to smaller meter	\$1,272
3" and 4" Laterals	to smaller meter	\$3,448

D. RELOCATING AN EXISTING SERVICE

1. To relocate an existing service perpendicular to the curb line or a distance not exceeding five feet parallel to the curb line, a charge will be \$2,710.
2. To transfer service or to relocate an existing service a distance exceeding five feet parallel to the curb line, a charge will be made in accordance with Section A – Installing a Service plus the cost of eliminating old service connection.



SCHEDULE D – WATER SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/23

E. RESETTING OR REPLACING A METER

There will be a charge equivalent to 5.0 percent of the water service installation charge for resetting a meter on an existing service connection.

There will be a charge equivalent to 5.0 percent of the water service installation charge for replacing a meter when applicants lose or damage meters when constructing new developments.

F. CONVERSION OF INDIVIDUAL SERVICE TO BRANCH SERVICE AND CONVERSION OF BRANCH SERVICE TO INDIVIDUAL SERVICE

(Multi-metering, when feasible)

Branch Conversion \$2,492 for two meter conversion, \$658 for each additional meter
(Additional charge of \$600 if concrete replacement is required)

G. SERVICE ELIMINATIONS

3/4" to 2" \$2,492 (Additional charge of \$600 if concrete replacement required)

3" to 12" \$4,354 (Additional charge of \$600 if concrete replacement required)

H. INSTALLATION OR OTHER WORK UNDER UNUSUAL CONDITIONS

The above charges apply to installation charges for water services four inches and smaller except where there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street utility congestions, known potential for archeological or paleontological resources, contaminated soils, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including but not limited to added testing and inspection, changes due to project revisions, property rights evaluation, and/or clean soil utility corridor establishment, and any construction by District forces to complete the installation. In such cases, the charge or credit will be based on the District's actual cost of all engineering, material, equipment, labor, and related overhead expenses incidental to the installation.

Schedule E

Private Fire Service Installation Charges

FY 2024



SCHEDULE E – PRIVATE FIRE SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/2022

Requests for the installation of a private fire service must comply with all applicable District Regulations Governing Water Service.

A. INSTALLING A PRIVATE FIRE SERVICE

The charge for installing a private fire service (fire service meter, lateral, and other appurtenances necessary to support a property’s fire sprinkler system) will be in accordance with the following schedule:

METER SIZE	INSTALLED IN PAVED CONDITIONS ¹	INSTALLED IN UNPAVED CONDITIONS ²
4"	\$28,729 <u>\$30,496</u>	\$18,136 <u>\$19,000</u>
6"	29,534 <u>33,162</u>	18,941 <u>21,666</u>
8"	29,534 <u>33,162</u>	18,941 <u>21,666</u>

The typical private fire service installation will require a meter that is 4” or larger. Cost to install a meter smaller than 4” is shown in Schedule D – Water Service Installation Charges, Section A.1 – Installing a Service, Meters Smaller Than Four Inches.

Cost to install a meter 10” and larger will be determined by the District based on an actual cost basis.

B. INSTALLATION UNDER UNUSUAL CONDITIONS

The above charges apply to all installation charges for private fire services except when there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street utility congestion, known potential for archaeological or paleontological resources, contaminated soils, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including but not limited to added testing and inspection, changes due to project revisions, property rights evaluation, site conditions or contaminated soil, and/or clean soil utility corridor establishment, and any construction by District forces to complete the installation. In such cases, the charge or credit will be based on the District’s actual cost of all engineering, material, equipment, labor, and related overhead expenses incidental to the installation.

¹ Paved conditions are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist.

² Unpaved conditions are limited to conditions where paving has not previously existed and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final lift.



SCHEDULE E – PRIVATE FIRE SERVICE INSTALLATION CHARGES

EFFECTIVE 07/01/23

Requests for the installation of a private fire service must comply with all applicable District Regulations Governing Water Service.

A. INSTALLING A PRIVATE FIRE SERVICE

The charge for installing a private fire service (fire service meter, lateral, and other appurtenances necessary to support a property’s fire sprinkler system) will be in accordance with the following schedule:

METER SIZE	INSTALLED IN PAVED CONDITIONS ¹	INSTALLED IN UNPAVED CONDITIONS ²
4"	\$30,496	\$19,000
6"	33,162	21,666
8"	33,162	21,666

The typical private fire service installation will require a meter that is 4” or larger. Cost to install a meter smaller than 4” is shown in Schedule D – Water Service Installation Charges, Section A.1 – Installing a Service, Meters Smaller Than Four Inches.

Cost to install a meter 10” and larger will be determined by the District based on an actual cost basis.

B. INSTALLATION UNDER UNUSUAL CONDITIONS

The above charges apply to all installation charges for private fire services except when there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street utility congestion, known potential for archaeological or paleontological resources, contaminated soils, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including but not limited to added testing and inspection, changes due to project revisions, property rights evaluation, site conditions or contaminated soil, and/or clean soil utility corridor establishment, and any construction by District forces to complete the installation. In such cases, the charge or credit will be based on the District’s actual cost of all engineering, material, equipment, labor, and related overhead expenses incidental to the installation.

¹ Paved conditions are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist.

² Unpaved conditions are limited to conditions where paving has not previously existed and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final lift.

Schedule F

Public Fire Hydrant Installation Charges

FY 2024



SCHEDULE F – PUBLIC FIRE HYDRANT INSTALLATION CHARGES

EFFECTIVE 07/01/23~~2~~

Requests for the installation, removal, or relocation of a fire hydrant must comply with all applicable District Regulations Governing Water Service.

The following charges will be made for the installation, removal, or relocation of a fire hydrant.

A. HYDRANT INSTALLATION BY THE DISTRICT

The charge for installation of a fire hydrant by the District on an existing main or on/with new mains is \$~~29,346~~32,517 in paved¹ and \$~~18,594~~21,021 unpaved² conditions.

For hydrants installed by applicant on/with new mains installed by the Applicant see Section B below.

B. HYDRANT INSTALLATIONS BY APPLICANT ON APPLICANT-INSTALLED MAIN EXTENSIONS

- 1. Basic charge for materials and handling for 6-inch fire hydrant \$~~4,523~~4,920
- 2. Material charge for services laterals \$21 per foot

NOTE: Applicants will not be permitted to install a fire hydrant on an existing main.

C. HYDRANT REMOVAL

- 1. The charge to remove a hydrant located in paved¹ sidewalk \$~~4,039~~4,354
- 2. The charge to remove a hydrant located in unpaved² surface \$~~2,493~~2,690

D. RELOCATION OF A FIRE HYDRANT

The charge for the relocation of a hydrant will be the charge for the hydrant removal (Section C) plus the charge for the installation of a new hydrant (Section A).

E. SETBACK/OFFSET OF A FIRE HYDRANT

Where the relocation of a fire hydrant does not require a new connection to the main, the charge is \$~~9,620~~10,874. There is an additional charge of \$600 for concrete replacement.

F. REPLACEMENT OF A HYDRANT BODY

To replace an existing hydrant with a MODEL-64 hydrant body or equivalent on a wet barrel, above ground shutoff type hydrant, the replacement charge is \$~~1,812~~1,858

¹ Paved conditions are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist.

² Unpaved conditions are limited to conditions where paving has not previously existed and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final list.



SCHEDULE F – PUBLIC FIRE HYDRANT INSTALLATION CHARGES

EFFECTIVE 07/01/23~~2~~

G. INSTALLATION UNDER UNUSUAL CONDITIONS

The above charges apply to all installation charges for fire hydrant installations except when there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street utility congestion, known potential for archaeological or paleontological resources, contaminated soils, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including but not limited to added testing and inspection, changes due to project revisions, property rights evaluation, and/or clean soil utility corridor establishment, site conditions or contaminated soil, and any construction by District forces to complete the installation. In such cases, the charge or credit will be based on the District's actual cost of all engineering, material, equipment, labor, and related expenses incidental to the installation.



SCHEDULE F – PUBLIC FIRE HYDRANT INSTALLATION CHARGES

EFFECTIVE 07/01/23

Requests for the installation, removal, or relocation of a fire hydrant must comply with all applicable District Regulations Governing Water Service.

The following charges will be made for the installation, removal, or relocation of a fire hydrant.

A. HYDRANT INSTALLATION BY THE DISTRICT

The charge for installation of a fire hydrant by the District on an existing main or on/with new mains is \$32,517 in paved¹ and \$21,021 unpaved² conditions.

For hydrants installed by applicant on/with new mains installed by the Applicant see Section B below.

B. HYDRANT INSTALLATIONS BY APPLICANT ON APPLICANT-INSTALLED MAIN EXTENSIONS

- | | |
|--|---------------|
| 1. Basic charge for materials and handling for 6-inch fire hydrant | \$4,920 |
| 2. Material charge for services laterals | \$21 per foot |

NOTE: Applicants will not be permitted to install a fire hydrant on an existing main.

C. HYDRANT REMOVAL

- | | |
|---|---------|
| 1. The charge to remove a hydrant located in paved ¹ sidewalk | \$4,354 |
| 2. The charge to remove a hydrant located in unpaved ² surface | \$2,690 |

D. RELOCATION OF A FIRE HYDRANT

The charge for the relocation of a hydrant will be the charge for the hydrant removal (Section C) plus the charge for the installation of a new hydrant (Section A).

E. SETBACK/OFFSET OF A FIRE HYDRANT

Where the relocation of a fire hydrant does not require a new connection to the main, the charge is \$10,874. There is an additional charge of \$600 for concrete replacement.

F. REPLACEMENT OF A HYDRANT BODY

To replace an existing hydrant with a MODEL-64 hydrant body or equivalent on a wet barrel, above ground shutoff type hydrant, the replacement charge is \$1,858

¹ Paved conditions are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist.

² Unpaved conditions are limited to conditions where paving has not previously existed and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final list.



SCHEDULE F – PUBLIC FIRE HYDRANT INSTALLATION CHARGES

EFFECTIVE 07/01/23

G. INSTALLATION UNDER UNUSUAL CONDITIONS

The above charges apply to all installation charges for fire hydrant installations except when there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street utility congestion, known potential for archaeological or paleontological resources, contaminated soils, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including but not limited to added testing and inspection, changes due to project revisions, property rights evaluation, and/or clean soil utility corridor establishment, site conditions or contaminated soil, and any construction by District forces to complete the installation. In such cases, the charge or credit will be based on the District's actual cost of all engineering, material, equipment, labor, and related expenses incidental to the installation.

Schedule G

Water Main Extension Charges

FY 2024



SCHEDULE G – WATER MAIN EXTENSION CHARGES

EFFECTIVE 07/01/23~~2~~

Requests for the installation of a water main extension must comply with all applicable District Regulations Governing Water Service.

A. DISTRICT-INSTALLED MAINS

The charge for District-installed main extensions up to 1,000 feet shall be based on the standard charges as specified below.

1. Charge for engineering, inspection, pipeline materials and appurtenances, and installation of the required mains by the District in unpaved streets and in paved streets, excluding fire hydrants and water service connections (which are covered by Schedules D, E, and F) consists of:

- a. Basic installation charge of \$~~4,336~~4,654
plus,

Linear foot charge, for combined length of main extension of 0 to 1,000 feet:

In unpaved streets¹

2-inch PVC pipe	\$ 219 <u>245</u> per foot
2-inch Copper pipe	255 <u>286</u> per foot
6-inch/8-inch PVC or HDPE pipe	345 <u>388</u> per foot
6-inch/8-inch Ductile Iron pipe	376 <u>422</u> per foot
6-inch/8-inch Steel pipe	395 <u>443</u> per foot
12-inch HDPE pipe	485 <u>545</u> per foot
12-inch Steel pipe	535 <u>600</u> per foot

In paved streets²

2-inch PVC pipe	\$ 359 <u>402</u> per foot
2-inch Copper pipe	394 <u>442</u> per foot
6-inch/8-inch PVC or HDPE pipe	474 <u>532</u> per foot
6-inch/8-inch Ductile Iron pipe	505 <u>567</u> per foot
6-inch/8-inch Steel pipe	524 <u>588</u> per foot
12-inch HDPE pipe	616 <u>692</u> per foot
12-inch Steel pipe	666 <u>747</u> per foot

- b. The above charges apply to all District-installed mains except when there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street utility congestion, known potential for archaeological or paleontological resources, contaminated soils, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including but not limited to hydraulic analysis, property rights

¹ Unpaved streets are limited to conditions where paving has not previously existed and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final lift.

² Paved streets are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist



SCHEDULE G – WATER MAIN EXTENSION CHARGES

EFFECTIVE 07/01/23~~2~~

evaluation, and/or clean soil utility corridor establishment. In such cases, the additional charge will be based on the District’s actual cost of all engineering, material, equipment, labor, and related overhead expenses incidental to the installation.

2. Charges for Pipe Greater than 12-Inches

Charges for District-installed mains greater than 12-inches will be based on a District engineering cost estimate.

B. APPLICANT-INSTALLED MAINS

The charge for Applicant-installed main extensions over 1,000 feet shall be based on the following standard charges:

1. Charge for engineering, inspection, and certain pipeline materials, designated below for the installation of the required water mains by the applicant, excluding fire hydrants and water service connections (which are covered by Schedules D, E, and F) consists of:

a. Basic installation charge of ~~\$4,336~~4,654 plus

Linear foot charge of:

6-inch/8-inch diameter pipe	\$616 <u>5</u> per foot
12-inch diameter pipe	\$727 <u>7</u> per foot
16-inch and larger diameter pipe	See B, 3 below

b. The charge to the applicant for District-supplied pipe and fittings (which include valves, valve pot covers, blowoffs, and minor appurtenances as identified by District-furnished drawings and specifications) will be the District’s cost for these materials including tax and shipping.

c. The above charges apply to all Applicant-installed mains except when there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street congestion, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including added testing and inspection, changes due to project revisions, property rights evaluation, site conditions or contaminated soil, and any construction by District forces to complete the installation. In such cases, the additional charge will be based on the District’s actual cost of all engineering, material, equipment, labor, and related overhead expenses incidental to the installation.

In all cases the District will supply valves, valve pot covers, blowoffs, and minor appurtenances as identified by District-furnished drawings and specifications.



SCHEDULE G – WATER MAIN EXTENSION CHARGES

EFFECTIVE 07/01/23~~2~~

2. Credits (where applicable) when pipe to be installed by the applicant is required by the District to be larger than the pipe size needed to serve the applicant or when applicant installs District improvements in conjunction with applicant-installed main extensions will be based on a District engineering cost estimate.

3. Charges for Pipe Greater than 12-Inches

Charges for Applicant-installed mains greater than 12-inches will be based on a District engineering cost estimate.



SCHEDULE G – WATER MAIN EXTENSION CHARGES

EFFECTIVE 07/01/23

Requests for the installation of a water main extension must comply with all applicable District Regulations Governing Water Service.

A. DISTRICT-INSTALLED MAINS

The charge for District-installed main extensions up to 1,000 feet shall be based on the standard charges as specified below.

1. Charge for engineering, inspection, pipeline materials and appurtenances, and installation of the required mains by the District in unpaved streets and in paved streets, excluding fire hydrants and water service connections (which are covered by Schedules D, E, and F) consists of:

- a. Basic installation charge of \$4,654
plus,

Linear foot charge, for combined length of main extension of 0 to 1,000 feet:

In unpaved streets¹

2-inch PVC pipe	\$245 per foot
2-inch Copper pipe	286 per foot
6-inch/8-inch PVC or HDPE pipe	388 per foot
6-inch/8-inch Ductile Iron pipe	422 per foot
6-inch/8-inch Steel pipe	443 per foot
12-inch HDPE pipe	545 per foot
12-inch Steel pipe	600 per foot

In paved streets²

2-inch PVC pipe	\$402 per foot
2-inch Copper pipe	442 per foot
6-inch/8-inch PVC or HDPE pipe	532 per foot
6-inch/8-inch Ductile Iron pipe	567 per foot
6-inch/8-inch Steel pipe	588 per foot
12-inch HDPE pipe	692 per foot
12-inch Steel pipe	747 per foot

- b. The above charges apply to all District-installed mains except when there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street utility congestion, known potential for archaeological or paleontological resources, contaminated soils, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including but not limited to hydraulic analysis, property rights

¹ Unpaved streets are limited to conditions where paving has not previously existed and the only existing utilities are sanitary sewer and storm drain. The conditions of the site must not include asphalt, curb, gutter, paving, or first or final lift.

² Paved streets are areas already paved and with existing utilities, curb, gutter, and asphalt in place. Paved conditions also include areas where more utilities than sanitary sewer or storm drain exist



SCHEDULE G – WATER MAIN EXTENSION CHARGES

EFFECTIVE 07/01/23

evaluation, and/or clean soil utility corridor establishment. In such cases, the additional charge will be based on the District’s actual cost of all engineering, material, equipment, labor, and related overhead expenses incidental to the installation.

2. Charges for Pipe Greater than 12-Inches

Charges for District-installed mains greater than 12-inches will be based on a District engineering cost estimate.

B. APPLICANT-INSTALLED MAINS

The charge for Applicant-installed main extensions over 1,000 feet shall be based on the following standard charges:

1. Charge for engineering, inspection, and certain pipeline materials, designated below for the installation of the required water mains by the applicant, excluding fire hydrants and water service connections (which are covered by Schedules D, E, and F) consists of:

a. Basic installation charge of \$4,654 plus

Linear foot charge of:

6-inch/8-inch diameter pipe	\$65 per foot
12-inch diameter pipe	\$77 per foot
16-inch and larger diameter pipe	See B, 3 below

b. The charge to the applicant for District-supplied pipe and fittings (which include valves, valve pot covers, blowoffs, and minor appurtenances as identified by District-furnished drawings and specifications) will be the District’s cost for these materials including tax and shipping.

c. The above charges apply to all Applicant-installed mains except when there are unusual or special conditions, for example but not limited to traffic control, permit conditions, underground street congestion, and streets with multi-layered surface types, which, in the opinion of the District, would result in the need for additional services and materials, including added testing and inspection, changes due to project revisions, property rights evaluation, site conditions or contaminated soil, and any construction by District forces to complete the installation. In such cases, the additional charge will be based on the District’s actual cost of all engineering, material, equipment, labor, and related overhead expenses incidental to the installation.

In all cases the District will supply valves, valve pot covers, blowoffs, and minor appurtenances as identified by District-furnished drawings and specifications.



SCHEDULE G – WATER MAIN EXTENSION CHARGES

EFFECTIVE 07/01/23

2. Credits (where applicable) when pipe to be installed by the applicant is required by the District to be larger than the pipe size needed to serve the applicant or when applicant installs District improvements in conjunction with applicant-installed main extensions will be based on a District engineering cost estimate.

3. Charges for Pipe Greater than 12-Inches

Charges for Applicant-installed mains greater than 12-inches will be based on a District engineering cost estimate.

Schedule H

Standard Participation Charge (SPC)

FY 2024



SCHEDULE H – STANDARD PARTICIPATION CHARGE (SPC)

EFFECTIVE 07/01/23~~2~~

A. The Standard Participation Charge for each standard service installed shall be:

Meter Size	Gravity Zone ¹	Pumped Zone ²
5/8" and 3/4"	\$4,220 <u>\$4,540</u>	\$6,670 <u>\$7,110</u>
1"	40,550 <u>11,340</u>	46,690 <u>17,780</u>
1-1/2"	21,100 <u>22,700</u>	33,400 <u>35,600</u>
2"	33,700 <u>36,300</u>	53,400 <u>56,900</u>
3"	67,500 <u>72,600</u>	106,800 <u>113,800</u>
4"	105,500 <u>113,400</u>	166,900 <u>177,800</u>

The Standard Participation Charge for each meter larger than four inches shall be determined on a case-by-case basis by the District, considering such factors as the projected demand which the service would impose on the District system, the maximum intermittent flow rate of the meter compared to a 5/8" meter, and whether the service is solely domestic or is combined with a fire service. In no event shall the standard participation charge for a meter larger than four inches be less than \$~~105,500~~113,400 in gravity zones or \$~~166,900~~177,800 in pumped zones.

¹ This charge covers general water main oversizing and future water supply.

² This charge covers major facilities capacity, water main oversizing and future water supply.



SCHEDULE H – STANDARD PARTICIPATION CHARGE (SPC)

EFFECTIVE 07/01/23

A. The Standard Participation Charge for each standard service installed shall be:

Meter Size	Gravity Zone ¹	Pumped Zone ²
5/8" and 3/4"	\$4,540	\$7,110
1"	11,340	17,780
1-1/2"	22,700	35,600
2"	36,300	56,900
3"	72,600	113,800
4"	113,400	177,800

The Standard Participation Charge for each meter larger than four inches shall be determined on a case-by-case basis by the District, considering such factors as the projected demand which the service would impose on the District system, the maximum intermittent flow rate of the meter compared to a 5/8" meter, and whether the service is solely domestic or is combined with a fire service. In no event shall the standard participation charge for a meter larger than four inches be less than \$113,400 in gravity zones or \$177,800 in pumped zones.

¹ This charge covers general water main oversizing and future water supply.

² This charge covers major facilities capacity, water main oversizing and future water supply.

Schedule J

System Capacity Charge (SCC)

FY 2024



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23~~2~~

A. SCC FOR STANDARD SERVICE¹

The SCC is calculated based on the applicant’s projected average annual demand.

1. Non-Residential Service Connections SCC² for meters up to 1-1/2 inches (dollars per connection)

METER SIZE (INCHES)	REGION ³					
	1	2	3	3	3	3
5/8	\$15,840	<u>\$17,200</u>	\$30,860	<u>\$33,310</u>	\$33,890	<u>\$36,740</u>
3/4	25,880	<u>28,100</u>	44,170	<u>47,670</u>	51,870	<u>56,240</u>
1	49,250	<u>53,480</u>	79,090	<u>85,360</u>	92,390	<u>100,170</u>
1-1/2	128,440	<u>139,470</u>	224,530	<u>242,320</u>	227,600	<u>246,750</u>

The District reserves the right to request additional information, including specific water use information from the applicant. The District reserves the right to determine the appropriate meter size to serve the applicant’s projected demand needs and assess the SCC using this Section (A)(1). If the District determines that the applicant’s projected average annual demand exceeds 3,200 gallons per day (gpd) for non-residential service connections or that a meter larger than 1-1/2 inches is required to meet the applicant’s projected demand needs, this Section (A)(1) no longer applies. For projected average annual demand exceeding 3,200 gpd for non-residential service connections and/or meters larger than 1-1/2 inches, Section(A)(3) shall be used to determine the SCC based on the applicant’s projected average annual demand and the unit charges set forth therein. The District’s decision regarding the applicable SCC shall be final.

For service connections with meters larger than 1-1/2 inch see Section 3 below.

¹ This charge covers the cost of System-wide Facilities Buy-in, Regional Facilities Buy-in and Future Water Supply.

² The SCC charged to the applicant will be based on the water meter size required to meet the indoor needs (excluding private fire service needs) and outdoor watering needs of the premises as determined solely by the District based on the plumbing code, the District’s review, and water industry standards. The meter(s) that is installed may be larger than the meter size that is used to determine the applicable SCC fee if the service is combined with a private fire service or if a separate irrigation meter is required (See Sections D – Combined Standard and Fire Service and I – Required Separate Irrigation Meter for Single Family Premises.

³ REGION	GENERAL DESCRIPTION
1	Central Area (gravity zones West-of-Hills) El Sobrante and North (pumped zones)
2	South of El Sobrante to vicinity of Highway 24 (pumped zone) South from vicinity of Highway 24 (pumped zones) Castro Valley Area (pumped zones) North Oakland Hill Area (pumped zones, formerly 4A)
3	Orinda-Moraga-Lafayette Area (pumped zones) San Ramon Valley and Walnut Creek (pumped and gravity zones)



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23~~2~~

2. Single Family Service Connections SCC² with typical use demand patterns that can be served by meters up to 1-1/2 inches (dollars per connection)

METER SIZE (INCHES)	REGION ³					
	1	2	3	4	5	6
3/4	\$12,230	<u>\$13,280</u>	\$19,400	<u>\$20,940</u>	\$36,100	<u>\$39,140</u>
1	17,380	<u>18,880</u>	41,580	<u>44,870</u>	55,260	<u>59,910</u>
1-1/2	22,210	<u>24,120</u>	53,590	<u>57,840</u>	71,100	<u>77,080</u>

The District reserves the right to request additional information, including specific water use information, from the applicant. The District reserves the right to determine the appropriate meter size to serve the applicants projected demand needs and assess the SCC using this Section (A)(2).

Where two or more single family dwelling units are located on one premises the District shall determine the appropriate meter size for each single-family dwelling individually and determine the SCC in for each dwelling in accordance with Section (A)(2).

For service connections with larger meters or greater than 1,940 gpd projected average annual demand for single family residential service, Section(A)(3) shall be used to determine the SCC based on the applicant’s projected average annual demand and the unit charges set forth therein. The District’s decision regarding the applicable SCC shall be final.

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, installation fees and capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23~~2~~

3. SCC for Larger Meters

The SCC for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the same unit charge and criteria as apply to the SCC for smaller meters. The SCC will be calculated based on the unit charges for each of the four components listed below:

Component	Unit Charge (\$/100 gpd)
Post-2000 (Add'l Regions 3C & 3D only)	SCC Region Specific
Regional Facilities Buy-in	SCC Region Specific
System-wide Facilities Buy-in	\$3,665 <u>4,025</u>
Future Water Supply ⁴	943 <u>1,017</u>

The unit charges for the components that are specific to a SCC Region are:

Region	Post-2000 Component	Regional Facilities Buy-In Component
1	n/a	\$1,830 <u>1,949</u>
2	n/a	4,632 <u>4,930</u>
3	n/a	2,760 <u>2,946</u>
3C	\$7,353 <u>7,610</u>	2,263 <u>2,462</u>
3D	7,353 <u>7,610</u>	2,263 <u>2,462</u>

In no instance will the SCC for a meter larger than 1-1/2 inches be less than the 1-1/2 inch price from the appropriate Section 1 or 2, above.

The SCC, rounded to the nearest hundred dollars, will be determined by multiplying the sum of the unit charge of the four components by the water use information furnished by the applicant, rounded to three significant places.

If the District has determined, based on water use information furnished by the applicant, that a meter size larger than 1-1/2 inches is required to meet the applicant's projected demand needs or if the projected average annual demand exceeds 3,200 gpd (non-residential) or 1,940 gpd (single family residential), the SCC shall be calculated pursuant to this subdivision irrespective of the arrangement of water metering or meter size at the premises.

⁴ The Future Water Supply component for Region 3C is based on 1993 agreement (see Section B1).



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23~~2~~

4. SCC for Standard Service to Multi-Family Premises

The System Capacity Charge for water service at multi-family premises shall be as listed below. For purposes of this Schedule J, “multi-family premises” shall mean premises with two or more attached or separate residential dwelling units, rental or owner-occupied, which is determined by the District to be a single premises for receiving water service.

	Multi-Family Premises					
	Dollars per Dwelling Unit (DU)					
	REGION ⁵					
	1	2	3			
For Dwelling Units Over 500 square feet	\$7,730	\$8,390	\$11,090	<u>\$11,970</u>	\$8,840	<u>\$9,590</u>
For Dwelling Units 500 square feet and under ⁶	6,120	6,640	8,780	<u>9,470</u>	7,000	<u>7,590</u>

The above SCC shall apply regardless of the arrangement of water metering or meter size at the premises; however, the District may limit the size and number of service connections to a combined capacity appropriate to the anticipated water use at the premises. No additional SCC shall be applicable ~~for separate meters installed~~ to provide irrigation for landscaping on the premises for landscape areas up to 5,000 square feet. All other rates and charges shall be based on actual number and size of meters and does not apply to the requirements listed below.

An SCC shall be applicable for separate meters installed to serve landscape areas greater than 5,000 square feet and for other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, golf courses, community clubhouse and recreational facilities, and areas designated for public use. The SCC shall be based on meter size as provided under A.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable SCC, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, installation fees and capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.

⁵ Same regions as described in A.2.

⁶ The applicant must submit sufficient documentation, as determined by the District, from the local building department that shows the dwelling unit living space square footage is 500 square feet or less for any dwelling unit to qualify for the 500 and under square foot MFR SCC. Documentation can be approved architectural drawings or other approved records of the dwelling unit living space.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23~~2~~

B. SEPARATE SCC FOR STANDARD SERVICE FOR ADDITIONAL REGIONS⁷

The System Capacity Charge for non-residential and single family residential water service at premises other than multi-family premises shall be as follows (dollars per connection):

1. Non-residential water service at premises other than multi-family premises shall be as follows (dollars per connections)

METER SIZE (INCHES)	ADDITIONAL REGION ⁸	
	3C ⁹	3-D
5/8	n/a	\$ 110,230 <u>117,130</u>
3/4	n/a	165,350 <u>175,700</u>
1	n/a	276,130 <u>293,420</u>
1-1/2	n/a	552,260 <u>586,840</u>

For service connections with larger meters see Section 3 below.

2. Single-family service connections shall be as follows (dollars per connections)

METER SIZE (INCHES)	ADDITIONAL REGION ⁷		
	3C ⁸	3-D	3-D
3/4	\$108,310 <u>\$114,980</u>	\$110,230 <u>\$117,130</u>	\$110,230 <u>\$117,130</u>
1	180,880 <u>192,020</u>	184,080 <u>195,610</u>	184,080 <u>195,610</u>
1-1/2	361,760 <u>384,040</u>	368,160 <u>391,220</u>	368,160 <u>391,220</u>

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, installation fees and capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.

For service connections with larger meters see Section 3 below.

⁷ This charge covers the cost of System-wide Facilities Buy-In, Regional Facilities Buy-In and Future Water Supply. The Additional Regions are low-density, residential in nature. It is not anticipated that meters larger than 3/4-inch (excluding fire flow requirements) will be installed in these Regions.

⁸ ADDITIONAL REGION	GENERAL DESCRIPTION
3-C	South of Norris Canyon Road (pumped zones)
3-D	South of Norris Canyon Road outside Wiedemann Ranch (pumped zone)

⁹ The Future Water Supply component of the SCC for Region 3C is set by the July 20, 1993 Wiedemann Agreement, indexed to the U.S. City Average of the Consumer Price Index and used by EBMUD to fund conservation programs. The total Future Water Supply component of the SCC for the common areas in Region 3C shall be paid as a condition for the issuance of the first water meter for the common area. The SCC for non-residential services (e.g., common area irrigation) shall be uniquely calculated in accordance with the Wiedemann Agreement.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23~~2~~

3. SCC for Larger Meters

The SCC for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the same cost components and criteria as apply to the SCC for smaller meters. (See Section A.3)

4. Separate SCC for Standard Service to Multi-Family Premises

The SCC for water service at multi-family premises shall be as listed below. For purposes of this Schedule J, “multi-family premises” shall mean premises with two or more attached or separate residential dwelling units, rental or owner-occupied, which is determined by the District to be a single premises for receiving water service.

Multi-Family Premises Dollars per Dwelling Unit				
ADDITIONAL REGIONS ¹⁰				
	3-C	3-D		
For each Dwelling Unit	\$41,790	<u>\$44,360</u>	\$38,690	<u>\$41,110</u>

The above SCC shall apply regardless of the arrangement of water metering or meter size at the premises; however, the District may limit the size and number of service connections to a combined capacity appropriate to the anticipated water use at the premises. No additional SCC shall be applicable for separate meters installed to provide irrigation for landscaping on the premises for landscape areas up to 5,000 square feet. All other rates and charges shall be based on actual number and size of meters and do not apply to the requirements listed below.

An SCC shall be applicable for separate meters installed to serve landscape areas greater than 5,000 square feet and for other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, golf courses, community clubhouse and recreational facilities, and areas designated for public use. The SCC shall be based on meter size as provided under B.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable SCC, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, installation fees and capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.

¹⁰ Same regions as described in B.1.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23~~2~~

C. LOW-PRESSURE SERVICE

Where a larger meter is installed because of low-pressure conditions, the applicable System Capacity Charge shall be determined on the basis of the size of the meter which would be required for a standard service as determined by the District based on plumbing code and water industry standards. All other rates and charges shall be based on actual meter size.

D. COMBINATION STANDARD AND FIRE SERVICE

Where a meter is installed to provide both standard service and a supply to a private fire protection system, at other than multi-family premises, the applicable System Capacity Charge shall be based on the meter size required for standard service exclusive of the capacity for supplying the fire protection system as determined by the District based on plumbing code, fire protection code and water industry standards. The installation charges shown in Schedule D and all other rates and charges pertaining to the service shall be based on the actual size of the meter that is installed.

E. FIRE SERVICES AND STANDBY SERVICES

For fire services and standby services (additional service connections for security of supply), there shall be no System Capacity Charges.

F. ADDITIONAL WATER USE ON PREMISES RECEIVING SERVICE

The System Capacity Charge applicable to enlargement of an existing service at other than multi-family premises shall be based on the difference in SCC for the new service size and the existing service size.

If additional dwelling units are constructed on premises subsequent to the installation of service and payment of an SCC under B.1, then the SCC applicable to each additional dwelling unit shall be immediately due and payable.

G. CREDIT FOR EXISTING SERVICES

Where one or more new services will replace one or more existing or prior services to a premises where an SCC was paid to initiate the water service, a credit will be given toward the new SCC based on the customer classification, meter size or water use information that was used to calculate the initial SCC payment (see Section A – SCC for Standard Service). For instances where the existing or prior services were installed prior to 1983 and no SCC was paid, the SCC credit for meter sizes under 2" will be based on Sections A.1 and A.2 – SCC for Standard Service. For existing or prior services with meter sizes 2" and greater where no SCC was paid, the annual average of the past ten years of water consumption will be used to determine the SCC credit, but in no instance will the credit be less than that of a 1.5" meter size for the customer classification listed in Sections A.1 and A.2 – SCC for Standard Service. No SCC credit will be given unless prior service to the premises is verified. If the SCC is paid with the service connection to be completed by meter installation at a later date, and existing service(s) are to remain in service until that time, the applicable credit for the existing service(s) will be in the form of a refund when the existing services are removed.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23~~2~~

The SCC credit cannot be applied to a standby meter, fire service meter, or in the case of a combination standard and fire service meter, the portion of the meter oversized for the private fire protection system. Where the initial SCC payment was made under Schedule J Section I – Required Separate Irrigation Meter for Single Family Premises, the SCC credit cannot be applied to the separate irrigation meter without a SCC credit on the residential meter. The SCC credit for an existing service can only be applied to the premises where the existing service is located. “Premises” is defined in Section 1 of the District’s Regulations Governing Water Service.

For a common area meters installed under the July 20, 1993 Wiedemann Agreement, credit toward a new SCC for these meters will be based on the actual SCC payment for each meter installed, not based on the size of the existing meter.

H. TEMPORARY CONSTRUCTION SERVICE

A System Capacity Charge paid on a temporary construction service will be refunded if said service is removed within a 1-year period after installation.

I. REQUIRED SEPARATE IRRIGATION METER FOR SINGLE FAMILY PREMISES

If an irrigation meter is required for a single-family premises because the landscape exceeds the threshold for a dedicated irrigation meter in Section 31 of the Regulations, two meters will be installed – one for the indoor and private fire service (if applicable) needs of the building and a separate meter dedicated for irrigation. One single-family premises SCC shall be applicable based on the hydraulic capacity needed to serve the irrigation and indoor needs. The hydraulic capacity of the installed meter or meters will be equal to or exceed the hydraulic of the meter size that was charged in the SCC fee. The installation charges shown in Schedule D and all other rates and charges pertaining to the service(s) based on the actual size of the meter(s) that are installed shall apply.

J. NONPOTABLE WATER SERVICE

1. Nonpotable Water Service Connections (dollars per connection)

METER SIZE (INCHES)	REGION		
	1	2	3
5/8	\$2,320 <u>\$2,500</u>	\$3,150 <u>\$3,400</u>	\$4,340 <u>\$4,680</u>
3/4	3,790 <u>4,090</u>	4,510 <u>4,860</u>	6,640 <u>7,160</u>
1	7,210 <u>7,780</u>	8,070 <u>8,710</u>	11,830 <u>12,750</u>
1-1/2	18,810 <u>20,290</u>	22,910 <u>24,710</u>	29,130 <u>31,420</u>

All SCC for nonpotable water service connections with meters larger than 1-1/2 inches shall be determined by applying the Future Water Supply Component unit charge to the defined



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23~~2~~

projected water demand approved by the District. The SCC will not be less than the 1-1/2 inch meter charge from Section J.1 above.

K. DUAL STANDARD SERVICES

An SCC shall be applicable for separate meters installed to provide dual (potable and nonpotable) standard service, based on the meter size(s) for each service.

L. ADJUSTMENT OF SCC FOR WATER-CONSERVING LANDSCAPING ON PUBLICLY OWNED PROPERTY

To further encourage water conservation, the SCC for a water service connection exclusively for irrigation of landscaping on property owned by a public agency may be reduced or not required based on long-term water service needs after an initial planting establishment period of not more than three years (the “initial period”); provided that (1) the landscape plan incorporates drought-tolerant and other low-water-use planting materials on a major part of the landscaped area, and (2) the long-term water need would result in replacement of the initial water meter with a smaller meter or water service would be discontinued and removed at the end of the initial period, as solely determined by the District.

A public agency applying for water service under such conditions shall submit a written request to the District prior to the time of payment of the SCC. The request shall set forth in detail the facts supporting an adjustment of the SCC, shall include information and plans clearly describing the planting materials and irrigation system, and shall include data and calculations clearly demonstrating the estimated initial and long-term water needs.

If the District determines that the SCC can be based on a smaller meter or discontinuation of service after the initial period, the public agency shall enter into a water service agreement which provided for (1) payment of the reduced SCC prior to installation of service; (2) verification of the long-term need at the end of the period; and (3) payment of the additional SCC required if the initial meter is not to be replaced, or the replacement meter is larger than initially determined, or water service is not discontinued and removed. If additional SCC payment is required, it shall be based on the charges in effect at the time of initial SCC payment, and shall be due and payable within 30 days of written notice from the District. The agreement shall be binding upon all subsequent owners of the property and shall be recorded.

Installation charges for the service connection shall be based on the meter size initially installed.

The above-mentioned SCC adjustments do not apply to nonpotable water service accounts.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23

A. SCC FOR STANDARD SERVICE¹

The SCC is calculated based on the applicant’s projected average annual demand.

1. Non-Residential Service Connections SCC² for meters up to 1-1/2 inches (dollars per connection)

METER SIZE (INCHES)	REGION ³		
	1	2	3
5/8	\$17,200	\$33,310	\$36,740
3/4	28,100	47,670	56,240
1	53,480	85,360	100,170
1-1/2	139,470	242,320	246,750

The District reserves the right to request additional information, including specific water use information from the applicant. The District reserves the right to determine the appropriate meter size to serve the applicant’s projected demand needs and assess the SCC using this Section (A)(1). If the District determines that the applicant’s projected average annual demand exceeds 3,200 gallons per day (gpd) for non-residential service connections or that a meter larger than 1-1/2 inches is required to meet the applicant’s projected demand needs, this Section (A)(1) no longer applies. For projected average annual demand exceeding 3,200 gpd for non-residential service connections and/or meters larger than 1-1/2 inches, Section(A)(3) shall be used to determine the SCC based on the applicant’s projected average annual demand and the unit charges set forth therein. The District’s decision regarding the applicable SCC shall be final.

For service connections with meters larger than 1-1/2 inch see Section 3 below.

¹ This charge covers the cost of System-wide Facilities Buy-in, Regional Facilities Buy-in and Future Water Supply.

² The SCC charged to the applicant will be based on the water meter size required to meet the indoor needs (excluding private fire service needs) and outdoor watering needs of the premises as determined solely by the District based on the plumbing code, the District’s review, and water industry standards. The meter(s) that is installed may be larger than the meter size that is used to determine the applicable SCC fee if the service is combined with a private fire service or if a separate irrigation meter is required (See Sections D – Combined Standard and Fire Service and I – Required Separate Irrigation Meter for Single Family Premises).

³ REGION	GENERAL DESCRIPTION
1	Central Area (gravity zones West-of-Hills) El Sobrante and North (pumped zones)
2	South of El Sobrante to vicinity of Highway 24 (pumped zone) South from vicinity of Highway 24 (pumped zones) Castro Valley Area (pumped zones) North Oakland Hill Area (pumped zones, formerly 4A)
3	Orinda-Moraga-Lafayette Area (pumped zones) San Ramon Valley and Walnut Creek (pumped and gravity zones)



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23

2. Single Family Service Connections SCC² with typical use demand patterns that can be served by meters up to 1-1/2 inches (dollars per connection)

METER SIZE (INCHES)	REGION ³		
	1	2	3
3/4	\$13,280	\$20,940	\$39,140
1	18,880	44,870	59,910
1-1/2	24,120	57,840	77,080

The District reserves the right to request additional information, including specific water use information, from the applicant. The District reserves the right to determine the appropriate meter size to serve the applicants projected demand needs and assess the SCC using this Section (A)(2).

Where two or more single family dwelling units are located on one premises the District shall determine the appropriate meter size for each single-family dwelling individually and determine the SCC in for each dwelling in accordance with Section (A)(2).

For service connections with larger meters or greater than 1,940 gpd projected average annual demand for single family residential service, Section(A)(3) shall be used to determine the SCC based on the applicant’s projected average annual demand and the unit charges set forth therein. The District’s decision regarding the applicable SCC shall be final.

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, installation fees and capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23

3. SCC for Larger Meters

The SCC for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the same unit charge and criteria as apply to the SCC for smaller meters. The SCC will be calculated based on the unit charges for each of the four components listed below:

Component	Unit Charge (\$/100 gpd)
Post-2000 (Add'l Regions 3C & 3D only)	SCC Region Specific
Regional Facilities Buy-in	SCC Region Specific
System-wide Facilities Buy-in	\$4,025
Future Water Supply ⁴	1,017

The unit charges for the components that are specific to a SCC Region are:

Region	Post-2000 Component	Regional Facilities Buy-In Component
1	n/a	\$1,949
2	n/a	4,930
3	n/a	2,946
3C	\$7,610	2,462
3D	7,610	2,462

In no instance will the SCC for a meter larger than 1-1/2 inches be less than the 1-1/2 inch price from the appropriate Section 1 or 2, above.

The SCC, rounded to the nearest hundred dollars, will be determined by multiplying the sum of the unit charge of the four components by the water use information furnished by the applicant, rounded to three significant places.

If the District has determined, based on water use information furnished by the applicant, that a meter size larger than 1-1/2 inches is required to meet the applicant's projected demand needs or if the projected average annual demand exceeds 3,200 gpd (non-residential) or 1,940 gpd (single family residential), the SCC shall be calculated pursuant to this subdivision irrespective of the arrangement of water metering or meter size at the premises.

⁴ The Future Water Supply component for Region 3C is based on 1993 agreement (see Section B1).



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23

4. SCC for Standard Service to Multi-Family Premises

The System Capacity Charge for water service at multi-family premises shall be as listed below. For purposes of this Schedule J, “multi-family premises” shall mean premises with two or more attached or separate residential dwelling units, rental or owner-occupied, which is determined by the District to be a single premises for receiving water service.

	Multi-Family Premises		
	Dollars per Dwelling Unit (DU)		
	REGION ⁵		
	1	2	3
For Dwelling Units Over 500 square feet	\$8,390	\$11,970	\$9,590
For Dwelling Units 500 square feet and under ⁶	6,640	9,470	7,590

The above SCC shall apply regardless of the arrangement of water metering or meter size at the premises; however, the District may limit the size and number of service connections to a combined capacity appropriate to the anticipated water use at the premises. No additional SCC shall be applicable to provide irrigation for landscaping on the premises for landscape areas up to 5,000 square feet. All other rates and charges shall be based on actual number and size of meters and does not apply to the requirements listed below.

An SCC shall be applicable for separate meters installed to serve landscape areas greater than 5,000 square feet and for other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, golf courses, community clubhouse and recreational facilities, and areas designated for public use. The SCC shall be based on meter size as provided under A.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable SCC, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, installation fees and capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.

⁵ Same regions as described in A.2.

⁶ The applicant must submit sufficient documentation, as determined by the District, from the local building department that shows the dwelling unit living space square footage is 500 square feet or less for any dwelling unit to qualify for the 500 and under square foot MFR SCC. Documentation can be approved architectural drawings or other approved records of the dwelling unit living space.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23

B. SEPARATE SCC FOR STANDARD SERVICE FOR ADDITIONAL REGIONS⁷

The System Capacity Charge for non-residential and single family residential water service at premises other than multi-family premises shall be as follows (dollars per connection):

1. Non-residential water service at premises other than multi-family premises shall be as follows (dollars per connections)

METER SIZE (INCHES)	ADDITIONAL REGION ⁸	
	3C ⁹	3-D
5/8	n/a	\$117,130
3/4	n/a	175,700
1	n/a	293,420
1-1/2	n/a	586,840

For service connections with larger meters see Section 3 below.

2. Single-family service connections shall be as follows (dollars per connections)

METER SIZE (INCHES)	ADDITIONAL REGION ⁷	
	3C ⁸	3-D
3/4	\$114,980	\$117,130
1	192,020	195,610
1-1/2	384,040	391,220

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, installation fees and capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.

For service connections with larger meters see Section 3 below.

⁷ This charge covers the cost of System-wide Facilities Buy-In, Regional Facilities Buy-In and Future Water Supply. The Additional Regions are low-density, residential in nature. It is not anticipated that meters larger than 3/4-inch (excluding fire flow requirements) will be installed in these Regions.

⁸ ADDITIONAL REGION	GENERAL DESCRIPTION
3-C	South of Norris Canyon Road (pumped zones)
3-D	South of Norris Canyon Road outside Wiedemann Ranch (pumped zone)

⁹ The Future Water Supply component of the SCC for Region 3C is set by the July 20, 1993 Wiedemann Agreement, indexed to the U.S. City Average of the Consumer Price Index and used by EBMUD to fund conservation programs. The total Future Water Supply component of the SCC for the common areas in Region 3C shall be paid as a condition for the issuance of the first water meter for the common area. The SCC for non-residential services (e.g., common area irrigation) shall be uniquely calculated in accordance with the Wiedemann Agreement.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23

3. SCC for Larger Meters

The SCC for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the same cost components and criteria as apply to the SCC for smaller meters. (See Section A.3)

4. Separate SCC for Standard Service to Multi-Family Premises

The SCC for water service at multi-family premises shall be as listed below. For purposes of this Schedule J, “multi-family premises” shall mean premises with two or more attached or separate residential dwelling units, rental or owner-occupied, which is determined by the District to be a single premises for receiving water service.

	Multi-Family Premises	
	Dollars per Dwelling Unit	
	ADDITIONAL REGIONS ¹⁰	
	3-C	3-D
For each Dwelling Unit	\$44,360	\$41,110

The above SCC shall apply regardless of the arrangement of water metering or meter size at the premises; however, the District may limit the size and number of service connections to a combined capacity appropriate to the anticipated water use at the premises. No additional SCC shall be applicable for separate meters installed to provide irrigation for landscaping on the premises for landscape areas up to 5,000 square feet. All other rates and charges shall be based on actual number and size of meters and do not apply to the requirements listed below.

An SCC shall be applicable for separate meters installed to serve landscape areas greater than 5,000 square feet and for other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, golf courses, community clubhouse and recreational facilities, and areas designated for public use. The SCC shall be based on meter size as provided under B.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable SCC, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, installation fees and capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.

¹⁰ Same regions as described in B.1.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23

C. LOW-PRESSURE SERVICE

Where a larger meter is installed because of low-pressure conditions, the applicable System Capacity Charge shall be determined on the basis of the size of the meter which would be required for a standard service as determined by the District based on plumbing code and water industry standards. All other rates and charges shall be based on actual meter size.

D. COMBINATION STANDARD AND FIRE SERVICE

Where a meter is installed to provide both standard service and a supply to a private fire protection system, at other than multi-family premises, the applicable System Capacity Charge shall be based on the meter size required for standard service exclusive of the capacity for supplying the fire protection system as determined by the District based on plumbing code, fire protection code and water industry standards. The installation charges shown in Schedule D and all other rates and charges pertaining to the service shall be based on the actual size of the meter that is installed.

E. FIRE SERVICES AND STANDBY SERVICES

For fire services and standby services (additional service connections for security of supply), there shall be no System Capacity Charges.

F. ADDITIONAL WATER USE ON PREMISES RECEIVING SERVICE

The System Capacity Charge applicable to enlargement of an existing service at other than multi-family premises shall be based on the difference in SCC for the new service size and the existing service size.

If additional dwelling units are constructed on premises subsequent to the installation of service and payment of an SCC under B.1, then the SCC applicable to each additional dwelling unit shall be immediately due and payable.

G. CREDIT FOR EXISTING SERVICES

Where one or more new services will replace one or more existing or prior services to a premises where an SCC was paid to initiate the water service, a credit will be given toward the new SCC based on the customer classification, meter size or water use information that was used to calculate the initial SCC payment (see Section A – SCC for Standard Service). For instances where the existing or prior services were installed prior to 1983 and no SCC was paid, the SCC credit for meter sizes under 2" will be based on Sections A.1 and A.2 – SCC for Standard Service. For existing or prior services with meter sizes 2" and greater where no SCC was paid, the annual average of the past ten years of water consumption will be used to determine the SCC credit, but in no instance will the credit be less than that of a 1.5" meter size for the customer classification listed in Sections A.1 and A.2 – SCC for Standard Service. No SCC credit will be given unless prior service to the premises is verified. If the SCC is paid with the service connection to be completed by meter installation at a later date, and existing service(s) are to remain in service until that time, the applicable credit for the existing service(s) will be in the form of a refund when the existing services are removed.



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23

The SCC credit cannot be applied to a standby meter, fire service meter, or in the case of a combination standard and fire service meter, the portion of the meter oversized for the private fire protection system. Where the initial SCC payment was made under Schedule J Section I – Required Separate Irrigation Meter for Single Family Premises, the SCC credit cannot be applied to the separate irrigation meter without a SCC credit on the residential meter. The SCC credit for an existing service can only be applied to the premises where the existing service is located. “Premises” is defined in Section 1 of the District’s Regulations Governing Water Service.

For a common area meters installed under the July 20, 1993 Wiedemann Agreement, credit toward a new SCC for these meters will be based on the actual SCC payment for each meter installed, not based on the size of the existing meter.

H. TEMPORARY CONSTRUCTION SERVICE

A System Capacity Charge paid on a temporary construction service will be refunded if said service is removed within a 1-year period after installation.

I. REQUIRED SEPARATE IRRIGATION METER FOR SINGLE FAMILY PREMISES

If an irrigation meter is required for a single-family premises because the landscape exceeds the threshold for a dedicated irrigation meter in Section 31 of the Regulations, two meters will be installed – one for the indoor and private fire service (if applicable) needs of the building and a separate meter dedicated for irrigation. One single-family premises SCC shall be applicable based on the hydraulic capacity needed to serve the irrigation and indoor needs. The hydraulic capacity of the installed meter or meters will be equal to or exceed the hydraulic of the meter size that was charged in the SCC fee. The installation charges shown in Schedule D and all other rates and charges pertaining to the service(s) based on the actual size of the meter(s) that are installed shall apply.

J. NONPOTABLE WATER SERVICE

1. Nonpotable Water Service Connections (dollars per connection)

METER SIZE (INCHES)	REGION		
	1	2	3
5/8	\$2,500	\$3,400	\$4,680
3/4	4,090	4,860	7,160
1	7,780	8,710	12,750
1-1/2	20,290	24,710	31,420

All SCC for nonpotable water service connections with meters larger than 1-1/2 inches shall be determined by applying the Future Water Supply Component unit charge to the defined



SCHEDULE J – SYSTEM CAPACITY CHARGE (SCC)

EFFECTIVE 07/01/23

projected water demand approved by the District. The SCC will not be less than the 1-1/2 inch meter charge from Section J.1 above.

K. DUAL STANDARD SERVICES

An SCC shall be applicable for separate meters installed to provide dual (potable and nonpotable) standard service, based on the meter size(s) for each service.

L. ADJUSTMENT OF SCC FOR WATER-CONSERVING LANDSCAPING ON PUBLICLY OWNED PROPERTY

To further encourage water conservation, the SCC for a water service connection exclusively for irrigation of landscaping on property owned by a public agency may be reduced or not required based on long-term water service needs after an initial planting establishment period of not more than three years (the “initial period”); provided that (1) the landscape plan incorporates drought-tolerant and other low-water-use planting materials on a major part of the landscaped area, and (2) the long-term water need would result in replacement of the initial water meter with a smaller meter or water service would be discontinued and removed at the end of the initial period, as solely determined by the District.

A public agency applying for water service under such conditions shall submit a written request to the District prior to the time of payment of the SCC. The request shall set forth in detail the facts supporting an adjustment of the SCC, shall include information and plans clearly describing the planting materials and irrigation system, and shall include data and calculations clearly demonstrating the estimated initial and long-term water needs.

If the District determines that the SCC can be based on a smaller meter or discontinuation of service after the initial period, the public agency shall enter into a water service agreement which provided for (1) payment of the reduced SCC prior to installation of service; (2) verification of the long-term need at the end of the period; and (3) payment of the additional SCC required if the initial meter is not to be replaced, or the replacement meter is larger than initially determined, or water service is not discontinued and removed. If additional SCC payment is required, it shall be based on the charges in effect at the time of initial SCC payment, and shall be due and payable within 30 days of written notice from the District. The agreement shall be binding upon all subsequent owners of the property and shall be recorded.

Installation charges for the service connection shall be based on the meter size initially installed.

The above-mentioned SCC adjustments do not apply to nonpotable water service accounts.

Schedule N

Water Demand Mitigation Fees

FY 2024



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23~~2~~

The Water Demand Mitigation Fee funds District conservation programs that are intended to achieve water savings that offset water demand from development within the territory or development where the fees are collected. The Water Demand Mitigation Fee is payable at the time application for service is made or prior to release of the distribution system pipelines and related appurtenances when the installation of water main extensions are required.

A. WATER DEMAND MITIGATION FEES FOR “THE MEADOWS” TERRITORY

For service connections within “The Meadows” territory¹ payment of a Water Demand Mitigation Fee shall be required in addition to all other applicable fees and charges, including the applicable System Capacity Charge (SCC).

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE MEADOWS TERRITORY
5/8	\$6,420 <u>\$6,930</u>
3/4	9,250 <u>9,980</u>
1	14,390 <u>15,520</u>
1-1/2	27,750 <u>29,930</u>

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE MEADOWS TERRITORY
5/8	\$6,290 <u>\$6,780</u>
3/4	9,250 <u>9,980</u>
1	14,390 <u>15,520</u>
1-1/2	27,750 <u>29,930</u>

3. The Water Demand Mitigation Fee for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component and multiplier (1.09) established by the Board of Directors for smaller meters.

4. For phased developments within The Meadows territory, the Water Demand Mitigation Fee is payable for all connections within the phase prior to release of the distribution system pipelines and related appurtenances.

¹ As defined in Contra Costa Local Agency Formation Commission Resolution No. 96-33, adopted August 13, 1997.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23~~2~~

B. WATER DEMAND MITIGATION FEES FOR “THE WENDT RANCH” TERRITORY

For service connections within “The Wendt Ranch” territory² payment of a Water Demand Mitigation Fee shall be required in addition to all other applicable fees and charges, including the applicable System Capacity Charge (SCC).

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE WENDT RANCH TERRITORY
5/8	\$8,250 <u>\$8,900</u>
3/4	11,880 <u>12,810</u>
1	18,480 <u>19,930</u>
1-1/2	35,650 <u>38,440</u>

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE WENDT RANCH TERRITORY
5/8	\$8,080 <u>\$8,710</u>
3/4	11,880 <u>12,810</u>
1	18,480 <u>19,930</u>
1-1/2	35,650 <u>38,440</u>

3. The Water Demand Mitigation Fee for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component and multiplier (1.40) established by the Board of Directors for smaller meters.

4. For phased developments within The Wendt Ranch territory, the Water Demand Mitigation Fee is payable for all connections within the phase prior to release of the distribution system pipelines and related appurtenances.

² As defined in Contra Costa Local Agency Formation Commission Resolution 97-5, adopted March 12, 1997.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23~~2~~

C. WATER USE OFFSET FEES FOR THE WIEDEMANN RANCH DEVELOPMENT³

For service connections within “The Wiedemann Ranch Development”, payment of a Water Use Offset Fee shall be required in addition to all other applicable fees and charges, including the System Capacity Charge (SCC).⁴

1. Common Area Offset Fee

The total Water Use Offset Fee for common areas in The Wiedemann Ranch Development is \$~~80,427~~85,583, and payable as a condition of issuance of the first meter for the common area.⁵

2. Single Family Service Connections

The Water Use Offset Fee for each residential lot in The Wiedemann Ranch Development is \$~~8,028~~8,542, which amount shall be indexed using the same index as for the common area offset fee.

D. ADDITIONAL WATER USE OFFSET FEES FOR THE WIEDEMANN RANCH DEVELOPMENT³

For water service within the Wiedemann Ranch Development, payment of Additional Water Use Offset Fees shall be required in the event the annual water budget⁶ is exceeded.

1. The Additional Water Use Offset Fee shall be determined by the number of gallons of water used during the average of the two consecutive years in excess of the annual water budget times the per gallon fee of \$~~17.33~~18.44.⁷

³ The Wiedemann Ranch Development, SCC Region 3A, a 439 acre development in Contra Costa County, is described with particularity in Exhibit A to the July 20, 1993 Agreement Between EBMUD and HCV & Associates, Ltd., Wiedemann Ranch, Inc. and Sue Christensen (“Wiedemann Agreement”).

⁴ The Wiedemann Agreement specifies the amount and other terms related to the Future Water Supply Component of the SCC for the Wiedemann Ranch Development.

⁵ The Water Use Offset Fee shall be indexed to the U.S. City Average of the Consumer Price Index issued by the U.S. Department of Labor each calendar year or portion thereof from the July 20, 1993 date of the Wiedemann Agreement to the date of payment of the offset fee.

⁶ The Wiedemann Agreement specifies the formula for calculating the annual water budget and the specific methodology for calculating and collecting the additional water use offset fee.

⁷ The Wiedemann Agreement specifies the terms related to the Additional Water Use Offset Fee. The Additional Water Use Offset Fee shall be indexed to the U.S. City Average of the consumer Price Index issued by the U.S. Department of Labor for each calendar year or portion thereof from the July 20, 1993 date of the Wiedemann Agreement to the date of payment of the additional water use offset fee.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/2022

E. WATER DEMAND MITIGATION FEES FOR CAMINO TASSAJARA INTEGRATED PROJECT⁸

For service connections within the Camino Tassajara Integrated Project⁹, payment of a Water Demand Mitigation Fee (WDMF) shall be required in addition to all other applicable fees and charges including the applicable System Capacity Charge (SCC). The Board of Directors adopted Section 3D to the Water Service Regulations in January 2003 to codify the WDMF and other conservation requirements imposed on the project territory by the County and Local Agency Formation Commission.

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE CAMINO TASSAJARA INTEGRATED PROJECT
5/8	\$7,950 <u>\$8,580</u>
3/4	11,460 <u>12,360</u>
1	17,820 <u>19,220</u>
1-1/2	34,360 <u>37,060</u>

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE CAMINO TASSAJARA INTEGRATED PROJECT
5/8	\$5,460 <u>\$5,890</u>
3/4	8,030 <u>8,660</u>
1	12,510 <u>13,490</u>
1-1/2	24,100 <u>26,000</u>

- The WDMF for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component and multiplier (1.61) established by the Board of Directors for smaller meters.

⁸ The Water Demand Mitigation Fee shall be indexed to the unit charge of the Future Water Supply component of the EBMUD System Capacity Charge.

⁹ As generally described in the October 9, 2002 Miscellaneous Work Agreement between the District, Shapell Industries, Ponderosa Homes II, and Braddock and Logan Group II.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/2022

The WDMF for new water service at multi-family premises shall be as listed below. For purposes of this Schedule N, “multi-family premises” shall mean premises with two or more attached or separate residential dwelling units, rental or owner-occupied, which is determined by the District to be a single premises for receiving water service, provided that each separate dwelling unit of a multi-family premises shall be separately metered as specified in Sections 2 and 3 of the District’s Regulations Governing Water Service.

Multi-Family Premises – Dollars Per Dwelling Unit (DU)	
Each of the first 10 DU in a single structure	\$3,280 <u>\$3,530</u>
Each additional DU in same structure	2,620 <u>2,830</u>

The above WDMF shall apply regardless of the arrangement of water metering or meter size at the premises; however, the District may limit the size and number of service connections to a combined capacity appropriate to the anticipated water use at the premises.

No additional WDMF shall be applicable for separate meters installed to provide irrigation for landscaping on the premises in the immediate area contiguous to the dwelling unit structures, provided such landscaped area is to be used exclusively by the residents. All other rates and charges shall be based on actual number and size of meters and does not apply to the requirements listed below.

A WDMF shall be applicable for separate meters installed to serve other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, recreational facilities, and areas designated for public use. The WDMF shall be based on meter size as provided under E.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable WDMF, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.

- The WDMF is payable for all connections within phased developments prior to release for construction, the distribution system pipelines and related appurtenances.
- Water use in excess of 120 percent of the annual water budget¹⁰ shall be subject to an Additional WDMF (on a per-occurrence basis). The Additional WDMF shall be determined by multiplying the amount of water used in excess of 100 percent of the annual water budget times the per gallon fee of \$0.~~54~~ 55 per gpd.

¹⁰ The water budget shall be established pursuant to the October 9, 2002 Miscellaneous Work Agreement referenced in Footnote 2.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23~~2~~

F. WATER DEMAND MITIGATION FEES FOR GALE RANCH PHASE 2, SUBDIVISION 9134¹¹

For service connections within Gale Ranch Phase 2, Subdivision 9134, payment of a Water Demand Mitigation Fee (WDMF) shall be required in addition to all other applicable fees and charges including the applicable System Capacity Charge (SCC).

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE GALE RANCH PHASE 2 SUBDIVISION 9134
5/8	\$7,620 <u>\$8,220</u>
3/4	10,980 <u>11,840</u>
1	17,060 <u>18,400</u>
1-1/2	32,930 <u>35,510</u>

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE GALE RANCH PHASE 2 SUBDIVISION 9134
5/8 ¹²	\$5,230 <u>\$5,640</u>
3/4	7,700 <u>8,300</u>
1	11,960 <u>12,900</u>
1-1/2	23,070 <u>24,880</u>

3. The WDMF for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component.

No additional WDMF shall be applicable for separate meters installed to provide irrigation for landscaping on the premises in the immediate area contiguous to the dwelling unit structures, provided such landscaped area is to be used exclusively by the residents. All

¹¹ The Water Demand Mitigation Fee shall be indexed to the unit charge of the Future Water Supply component of the EBMUD System Capacity Charge.

¹² 5/8" fee based on 32,594 gpd land use unit demands (LUDS) minus 10,884 gpd middle school demand credit divided by 63 residential units resulting in 345 gpd/residential unit.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23~~2~~

other rates and charges shall be based on actual number and size of meters and does not apply to the requirements listed below.

A WDMF shall be applicable for separate meters installed to serve other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, recreational facilities, and areas designated for public use. The WDMF shall be based on meter size as provided under F.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable WDMF, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23

The Water Demand Mitigation Fee funds District conservation programs that are intended to achieve water savings that offset water demand from development within the territory or development where the fees are collected. The Water Demand Mitigation Fee is payable at the time application for service is made or prior to release of the distribution system pipelines and related appurtenances when the installation of water main extensions are required.

A. WATER DEMAND MITIGATION FEES FOR “THE MEADOWS” TERRITORY

For service connections within “The Meadows” territory¹ payment of a Water Demand Mitigation Fee shall be required in addition to all other applicable fees and charges, including the applicable System Capacity Charge (SCC).

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE MEADOWS TERRITORY
5/8	\$6,930
3/4	9,980
1	15,520
1-1/2	29,930

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE MEADOWS TERRITORY
5/8	\$6,780
3/4	9,980
1	15,520
1-1/2	29,930

3. The Water Demand Mitigation Fee for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component and multiplier (1.09) established by the Board of Directors for smaller meters.

4. For phased developments within The Meadows territory, the Water Demand Mitigation Fee is payable for all connections within the phase prior to release of the distribution system pipelines and related appurtenances.

¹ As defined in Contra Costa Local Agency Formation Commission Resolution No. 96-33, adopted August 13, 1997.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23

B. WATER DEMAND MITIGATION FEES FOR “THE WENDT RANCH” TERRITORY

For service connections within “The Wendt Ranch” territory² payment of a Water Demand Mitigation Fee shall be required in addition to all other applicable fees and charges, including the applicable System Capacity Charge (SCC).

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE WENDT RANCH TERRITORY
5/8	\$8,900
3/4	12,810
1	19,930
1-1/2	38,440

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE WENDT RANCH TERRITORY
5/8	\$8,710
3/4	12,810
1	19,930
1-1/2	38,440

3. The Water Demand Mitigation Fee for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component and multiplier (1.40) established by the Board of Directors for smaller meters.

4. For phased developments within The Wendt Ranch territory, the Water Demand Mitigation Fee is payable for all connections within the phase prior to release of the distribution system pipelines and related appurtenances.

² As defined in Contra Costa Local Agency Formation Commission Resolution 97-5, adopted March 12, 1997.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23

C. WATER USE OFFSET FEES FOR THE WIEDEMANN RANCH DEVELOPMENT³

For service connections within “The Wiedemann Ranch Development”, payment of a Water Use Offset Fee shall be required in addition to all other applicable fees and charges, including the System Capacity Charge (SCC).⁴

1. Common Area Offset Fee

The total Water Use Offset Fee for common areas in The Wiedemann Ranch Development is \$85,583, and payable as a condition of issuance of the first meter for the common area.⁵

2. Single Family Service Connections

The Water Use Offset Fee for each residential lot in The Wiedemann Ranch Development is \$8,542, which amount shall be indexed using the same index as for the common area offset fee.

D. ADDITIONAL WATER USE OFFSET FEES FOR THE WIEDEMANN RANCH DEVELOPMENT³

For water service within the Wiedemann Ranch Development, payment of Additional Water Use Offset Fees shall be required in the event the annual water budget⁶ is exceeded.

1. The Additional Water Use Offset Fee shall be determined by the number of gallons of water used during the average of the two consecutive years in excess of the annual water budget times the per gallon fee of \$18.44.⁷

³ The Wiedemann Ranch Development, SCC Region 3A, a 439 acre development in Contra Costa County, is described with particularity in Exhibit A to the July 20, 1993 Agreement Between EBMUD and HCV & Associates, Ltd., Wiedemann Ranch, Inc. and Sue Christensen (“Wiedemann Agreement”).

⁴ The Wiedemann Agreement specifies the amount and other terms related to the Future Water Supply Component of the SCC for the Wiedemann Ranch Development.

⁵ The Water Use Offset Fee shall be indexed to the U.S. City Average of the Consumer Price Index issued by the U.S. Department of Labor each calendar year or portion thereof from the July 20, 1993 date of the Wiedemann Agreement to the date of payment of the offset fee.

⁶ The Wiedemann Agreement specifies the formula for calculating the annual water budget and the specific methodology for calculating and collecting the additional water use offset fee.

⁷ The Wiedemann Agreement specifies the terms related to the Additional Water Use Offset Fee. The Additional Water Use Offset Fee shall be indexed to the U.S. City Average of the consumer Price Index issued by the U.S. Department of Labor for each calendar year or portion thereof from the July 20, 1993 date of the Wiedemann Agreement to the date of payment of the additional water use offset fee.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23

E. WATER DEMAND MITIGATION FEES FOR CAMINO TASSAJARA INTEGRATED PROJECT⁸

For service connections within the Camino Tassajara Integrated Project⁹, payment of a Water Demand Mitigation Fee (WDMF) shall be required in addition to all other applicable fees and charges including the applicable System Capacity Charge (SCC). The Board of Directors adopted Section 3D to the Water Service Regulations in January 2003 to codify the WDMF and other conservation requirements imposed on the project territory by the County and Local Agency Formation Commission.

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE CAMINO TASSAJARA INTEGRATED PROJECT
5/8	\$8,580
3/4	12,360
1	19,220
1-1/2	37,060

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE CAMINO TASSAJARA INTEGRATED PROJECT
5/8	\$5,890
3/4	8,660
1	13,490
1-1/2	26,000

3. The WDMF for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component and multiplier (1.61) established by the Board of Directors for smaller meters.

⁸ The Water Demand Mitigation Fee shall be indexed to the unit charge of the Future Water Supply component of the EBMUD System Capacity Charge.

⁹ As generally described in the October 9, 2002 Miscellaneous Work Agreement between the District, Shapell Industries, Ponderosa Homes II, and Braddock and Logan Group II.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23

The WDMF for new water service at multi-family premises shall be as listed below. For purposes of this Schedule N, “multi-family premises” shall mean premises with two or more attached or separate residential dwelling units, rental or owner-occupied, which is determined by the District to be a single premises for receiving water service, provided that each separate dwelling unit of a multi-family premises shall be separately metered as specified in Sections 2 and 3 of the District’s Regulations Governing Water Service.

Multi-Family Premises – Dollars Per Dwelling Unit (DU)	
Each of the first 10 DU in a single structure	\$3,530
Each additional DU in same structure	2,830

The above WDMF shall apply regardless of the arrangement of water metering or meter size at the premises; however, the District may limit the size and number of service connections to a combined capacity appropriate to the anticipated water use at the premises.

No additional WDMF shall be applicable for separate meters installed to provide irrigation for landscaping on the premises in the immediate area contiguous to the dwelling unit structures, provided such landscaped area is to be used exclusively by the residents. All other rates and charges shall be based on actual number and size of meters and does not apply to the requirements listed below.

A WDMF shall be applicable for separate meters installed to serve other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, recreational facilities, and areas designated for public use. The WDMF shall be based on meter size as provided under E.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable WDMF, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.

- The WDMF is payable for all connections within phased developments prior to release for construction, the distribution system pipelines and related appurtenances.
- Water use in excess of 120 percent of the annual water budget¹⁰ shall be subject to an Additional WDMF (on a per-occurrence basis). The Additional WDMF shall be determined by multiplying the amount of water used in excess of 100 percent of the annual water budget times the per gallon fee of \$0.55 per gpd.

¹⁰ The water budget shall be established pursuant to the October 9, 2002 Miscellaneous Work Agreement referenced in Footnote 2.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23

F. WATER DEMAND MITIGATION FEES FOR GALE RANCH PHASE 2, SUBDIVISION 9134¹¹

For service connections within Gale Ranch Phase 2, Subdivision 9134, payment of a Water Demand Mitigation Fee (WDMF) shall be required in addition to all other applicable fees and charges including the applicable System Capacity Charge (SCC).

1. Non-Residential Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE GALE RANCH PHASE 2 SUBDIVISION 9134
5/8	\$8,220
3/4	11,840
1	18,400
1-1/2	35,510

2. Single Family Service Connections (dollars per connection)

METER SIZE (INCHES)	WATER DEMAND MITIGATION FEE FOR STANDARD SERVICE IN THE GALE RANCH PHASE 2 SUBDIVISION 9134
5/8 ¹²	\$5,640
3/4	8,300
1	12,900
1-1/2	24,880

3. The WDMF for service connections with meters larger than 1-1/2 inches shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the applicable SCC Future Water Supply component.

No additional WDMF shall be applicable for separate meters installed to provide irrigation for landscaping on the premises in the immediate area contiguous to the dwelling unit structures, provided such landscaped area is to be used exclusively by the residents. All

¹¹ The Water Demand Mitigation Fee shall be indexed to the unit charge of the Future Water Supply component of the EBMUD System Capacity Charge.

¹² 5/8" fee based on 32,594 gpd land use unit demands (LUDS) minus 10,884 gpd middle school demand credit divided by 63 residential units resulting in 345 gpd/residential unit.



SCHEDULE N – WATER DEMAND MITIGATION FEES

EFFECTIVE 07/01/23

other rates and charges shall be based on actual number and size of meters and does not apply to the requirements listed below.

A WDMF shall be applicable for separate meters installed to serve other water uses in the vicinity of the multi-family premises, such as irrigation of open space areas, parks, roadway medians, recreational facilities, and areas designated for public use. The WDMF shall be based on meter size as provided under F.1 above. If these other water uses are included in the water service connection to the multi-family premises, the District shall, for purposes of determining the applicable WDMF, determine the equivalent meter size for these uses based on plumbing code and water industry standards, as if there were a separate service connection.

Section 1

Explanation of Terms Used in these Regulations

FY 2024



SECTION 1
EXPLANATION OF TERMS USED IN THESE REGULATIONS

DISTRICT shall refer to the East Bay Municipal Utility District unless otherwise specified.

ELEVATION SURCHARGE shall mean that charge applied to customers' accounts where meters are served by pressure zones with an elevation designator of two (2) or more in the District's pressure zone designations. The charge shall be computed in accordance with Schedule A, Rate Schedule for Water Service, Section D. The Elevation Surcharge is a means of allocating the additional costs incurred for pumping and storing water at higher elevations.

EXPANDED SERVICE shall refer to any upgrade, change, modification to existing standard service that increases the size of the meter, or increases to the annual average water use resulting from improvements to the existing structure(s) and new construction.

FRONT FOOT CHARGE shall mean the charge applicable to a premises when a main is or has been brought to the principal frontage of the premises to make service available to the premises. This charge shall be computed in accordance with the provisions of Section 4, and shall generally be the proration of the cost of extending the main based on the width of the premises fronting on and entitled to service from the main extension. The front foot charge shall not apply to premises already entitled to service, according to District requirements, on or before the date the main extension is installed. Where a front foot charge is applicable, it must be paid before a service will be installed.

IRRIGABLE LANDSCAPE AREA shall mean the area of a premises less the aggregate area of structure footprints, impervious and pervious hardscape and undisturbed open space within that premises.

IRRIGATED LANDSCAPING shall mean the total aggregated area or footprint of irrigated landscape for a premises, which does not include open space or the non-irrigated area.

The terms "Irrigable Landscape Area" and "Irrigated Landscaping" may apply to more than one premises, as determined solely by the District, where the multiple premises are contiguous and the managing entity for the irrigation water service to those multiple premises is a single person or entity, such as a city or a homeowners' association.

LIMITED SERVICE shall mean a water service connection provided under a written agreement for limited service with special conditions, when standard service is not reasonably available.

MAJOR FACILITIES shall mean storage reservoirs, pumping plants, transmission mains, filter plants, and appurtenances, including necessary properties and rights of way.

METER shall mean the entire meter assembly, which may include appurtenances or devices owned and installed by the District in connection with a service connection.

DEDICATED IRRIGATION METER shall mean the entire meter assembly dedicated for outdoor landscape water use, which may include appurtenances or devices owned and installed by the District or applicant, as solely determined by the District, as provided in Sections 3 and 31 of these Regulations.



SECTION 1
EXPLANATION OF TERMS USED IN THESE REGULATIONS

MASTER METER shall mean the entire meter assembly dedicated for single service to a premises for water use, which may include appurtenances or devices owned and installed by the District upstream of any applicant installed and owned meters, as provided in Sections 2 and 3 of these Regulations.

PREMISES shall mean a parcel of real estate, including any improvements thereon, which is determined by the District to be a single premises for purposes of receiving, using and paying for service. In making this determination, the District shall take into consideration such factors as assessor parcel lines, whether the parcel could reasonably be subdivided, whether the parcel is being used for a single enterprise, and whether the parcel is divided by a public or a private street, but in any case the District's determination shall be final.

MULTI-FAMILY PREMISES shall mean premises designated for multi-family use by the local land use authority which may include but are not limited to apartments, duplexes, condominiums, or other dwelling units not classified as single-family or premises intended for or with structure(s) constructed with independent living facilities for one or more persons, ~~with two or more attached or separate residential dwelling units, rental or owner occupied, which is determined by the District to be a single premises for receiving water service.~~

MULTI-OCCUPANCY COMMERCIAL/INDUSTRIAL PREMISES shall mean premises designated for commercial/industrial use by the local land use authority, with two or more attached or separate commercial or industrial occupancy units, rental or owner-occupied, which is determined by the District to be a single premises for receiving water service.

SINGLE FAMILY PREMISES shall mean a premises designated for single-family use by the local land use authority, or premises intended for or with structure(s) constructed for occupancy by a single-family as determined by the District with one or more attached or separate structures, rental or owner-occupied, providing permanent provisions for living, cooking, sanitation, and separate ingress/egress.

PRESSURE ZONE shall mean a portion of the water distribution system in which all premises are served through meters within a specific range of elevations and supplied by the same major facilities through an interconnected pipeline network. The upper limit of the pressure zone is 100 feet below the overflow elevation of the reservoir providing service, and the lower limit is determined by the upper limit of the next lower pressure zone or an elevation approximately 300 feet below the overflow elevation of the reservoir. Gravity Zones are those pressure zones which receive their water supply by gravity flow from the treatment plants and are identified by the prefixes "G" and "H" in the District's pressure zone designations. Pumped Zones are those pressure zones which receive their water supply from the treatment plants by pumping and are identified by the prefixes "A" through "F" in the District's pressure zone designations.

PRINCIPAL FRONTAGE shall mean that part of the perimeter of the major portion of the premises where the principal use of the property is located, which fronts on a public street or private road or driveway from which the premises generally receives access, public services and utilities, as determined by the District. Principal use does not include easements, rights of way, or a relatively narrow portion of a premises used for access or other purpose.



SECTION 1
EXPLANATION OF TERMS USED IN THESE REGULATIONS

REASONABLY AVAILABLE SERVICE shall mean that a service connection installed at the principal frontage of the premises will provide adequate pressure and flow for normal operation of plumbing fixtures, water using appliances, requirements set by the responsible fire protection agency, and irrigation. In determining reasonably available service, the District will consider, relative to the service location and the applicable pressure zone, the elevation of the existing or proposed building on the premises, the distance of the building site from the meter location and any pressure and flow requirement for fire protection.

RETROFITS shall mean the conversion or modification of existing water using fixtures, appliances, equipment and landscaping such that they are suitable for water service.

SEPARATE STRUCTURE shall mean a distinct building with separate and/or shared walls, as solely determined by the District, without regard to common pathways, bridges, roof decks and overhangs, parking garages, foundations, and similar above-or-below-ground project features.

SERVICE shall mean the furnishing of water (potable or nonpotable) to a customer through a service connection.

SERVICE CONNECTION shall mean the necessary piping and equipment from the main to and including the meter or battery of meters. Reference to a service connection by size shall mean the size of the meter.

STANDARD PARTICIPATION CHARGE (SPC) shall mean the charge paid as a contribution towards the cost of future general oversizing of water mains and to provide major facilities capacity for service to new customers. This charge is paid in lieu of the System Capacity Charge by certain applicants who applied for service on or before June 28, 1983. The SPC also includes a component for the allocated cost of providing a future water supply to meet the long term increase in water demand in the District.

STANDARD SERVICE shall mean a service other than a private fire service, installed within the District service area, adjacent to the principal frontage of the premises to be served, which service is for immediate use to supply a function directly related to such premises.

SYSTEM CAPACITY CHARGE (SCC) shall mean the charge required of all applicants for water service to premises where installation of a service connection is required, including expanded service, as solely determined by the District. The charge to be paid depends on the regional location and the applicable meter size, the estimated annual average water use as determined by the District for large meters not covered in Schedule J based on water use information furnished by the applicant, or number of units. The charge is payment for the costs allocated to providing capacity for water service to applicants within each region, including components for major facilities in the District's distribution system master plan, major facilities constructed prior to the master plan, and water main oversizing. The SCC also includes a component for the allocated cost of providing a future water supply to meet the long term increase in water demand in the District. The charge shall be computed in accordance with Schedule J of the Rates and Charges.



REGULATIONS GOVERNING WATER SERVICE

TO CUSTOMERS OF THE EAST BAY MUNICIPAL UTILITY DISTRICT

PAGE NUMBER: 01-D

SECTION 1

EXPLANATION OF TERMS USED IN THESE REGULATIONS

UNIT shall mean and apply to a Dwelling Unit, Accessory Dwelling Unit, Commercial/Industrial Unit, Live/Work Unit, or Work/Live Unit within a premises as defined below, unless specified otherwise.

ACCESSORY DWELLING UNIT shall be as defined by California Government Code Section 65852.2.

JUNIOR ACCESSORY DWELLING UNIT shall be as defined by California Government Code Section 65852.22.

DWELLING UNIT shall mean an attached or detached rental or owner-occupied residential unit of a multi-family premises, which provides complete independent living facilities for one or more persons, including one or more permanent provisions for living, sleeping, cooking, sanitation, and separate ingress/egress as solely determined by the District.

COMMERCIAL/INDUSTRIAL UNIT shall mean an attached or detached rental or owner-occupied unit used directly or indirectly in connection with any non-residential, or business undertaking, which provides complete independent facilities for one or more persons, including one or more permanent provisions for sanitation, and separate ingress/egress as solely determined by the District.

LIVE/WORK UNIT shall be considered an attached or detached unit of a mixed-use premises that accommodates both residential and non-residential activities, but emphasizes the accommodation of residential activities per Local Land Use designation, as solely determined by the District. For the purpose of System Capacity Charges, a Live/Work Unit shall be considered as residential.

WORK/LIVE UNIT shall be considered an attached or detached unit of a mixed-use premises that accommodates both residential and non-residential activities, but emphasizes the accommodation of commercial activities per local land use designation, as solely determined by the District. For the purpose of System Capacity Charges, a Work/Live Unit shall be considered as non-residential.

WATER EFFICIENCY REQUIREMENTS shall mean all devices, technologies, and practices in accordance with Section 31 of these Regulations.



SECTION 1
EXPLANATION OF TERMS USED IN THESE REGULATIONS

DISTRICT shall refer to the East Bay Municipal Utility District unless otherwise specified.

ELEVATION SURCHARGE shall mean that charge applied to customers' accounts where meters are served by pressure zones with an elevation designator of two (2) or more in the District's pressure zone designations. The charge shall be computed in accordance with Schedule A, Rate Schedule for Water Service, Section D. The Elevation Surcharge is a means of allocating the additional costs incurred for pumping and storing water at higher elevations.

EXPANDED SERVICE shall refer to any upgrade, change, modification to existing standard service that increases the size of the meter, or increases to the annual average water use resulting from improvements to the existing structure(s) and new construction.

FRONT FOOT CHARGE shall mean the charge applicable to a premises when a main is or has been brought to the principal frontage of the premises to make service available to the premises. This charge shall be computed in accordance with the provisions of Section 4, and shall generally be the proration of the cost of extending the main based on the width of the premises fronting on and entitled to service from the main extension. The front foot charge shall not apply to premises already entitled to service, according to District requirements, on or before the date the main extension is installed. Where a front foot charge is applicable, it must be paid before a service will be installed.

IRRIGABLE LANDSCAPE AREA shall mean the area of a premises less the aggregate area of structure footprints, impervious and pervious hardscape and undisturbed open space within that premises.

IRRIGATED LANDSCAPING shall mean the total aggregated area or footprint of irrigated landscape for a premises, which does not include open space or the non-irrigated area.

The terms "Irrigable Landscape Area" and "Irrigated Landscaping" may apply to more than one premises, as determined solely by the District, where the multiple premises are contiguous and the managing entity for the irrigation water service to those multiple premises is a single person or entity, such as a city or a homeowners' association.

LIMITED SERVICE shall mean a water service connection provided under a written agreement for limited service with special conditions, when standard service is not reasonably available.

MAJOR FACILITIES shall mean storage reservoirs, pumping plants, transmission mains, filter plants, and appurtenances, including necessary properties and rights of way.

METER shall mean the entire meter assembly, which may include appurtenances or devices owned and installed by the District in connection with a service connection.

DEDICATED IRRIGATION METER shall mean the entire meter assembly dedicated for outdoor landscape water use, which may include appurtenances or devices owned and installed by the District or applicant, as solely determined by the District, as provided in Sections 3 and 31 of these Regulations.



SECTION 1
EXPLANATION OF TERMS USED IN THESE REGULATIONS

MASTER METER shall mean the entire meter assembly dedicated for single service to a premises for water use, which may include appurtenances or devices owned and installed by the District upstream of any applicant installed and owned meters, as provided in Sections 2 and 3 of these Regulations.

PREMISES shall mean a parcel of real estate, including any improvements thereon, which is determined by the District to be a single premises for purposes of receiving, using and paying for service. In making this determination, the District shall take into consideration such factors as assessor parcel lines, whether the parcel could reasonably be subdivided, whether the parcel is being used for a single enterprise, and whether the parcel is divided by a public or a private street, but in any case the District's determination shall be final.

MULTI-FAMILY PREMISES shall mean premises designated for multi-family use by the local land use authority which may include but are not limited to apartments, duplexes, condominiums, or other dwelling units not classified as single-family or premises intended for or with structure(s) constructed with independent living facilities for one or more persons.

MULTI-OCCUPANCY COMMERCIAL/INDUSTRIAL PREMISES shall mean premises designated for commercial/industrial use by the local land use authority, with two or more attached or separate commercial or industrial occupancy units, rental or owner-occupied, which is determined by the District to be a single premises for receiving water service.

SINGLE FAMILY PREMISES shall mean a premises designated for single-family use by the local land use authority or premises intended for or with structure(s) constructed for occupancy by a single-family as determined by the District with one or more attached or separate structures, rental or owner-occupied, providing permanent provisions for living, cooking, sanitation, and separate ingress/egress.

PRESSURE ZONE shall mean a portion of the water distribution system in which all premises are served through meters within a specific range of elevations and supplied by the same major facilities through an interconnected pipeline network. The upper limit of the pressure zone is 100 feet below the overflow elevation of the reservoir providing service, and the lower limit is determined by the upper limit of the next lower pressure zone or an elevation approximately 300 feet below the overflow elevation of the reservoir. Gravity Zones are those pressure zones which receive their water supply by gravity flow from the treatment plants and are identified by the prefixes "G" and "H" in the District's pressure zone designations. Pumped Zones are those pressure zones which receive their water supply from the treatment plants by pumping and are identified by the prefixes "A" through "F" in the District's pressure zone designations.

PRINCIPAL FRONTAGE shall mean that part of the perimeter of the major portion of the premises where the principal use of the property is located, which fronts on a public street or private road or driveway from which the premises generally receives access, public services and utilities, as determined by the District. Principal use does not include easements, rights of way, or a relatively narrow portion of a premises used for access or other purpose.



SECTION 1
EXPLANATION OF TERMS USED IN THESE REGULATIONS

REASONABLY AVAILABLE SERVICE shall mean that a service connection installed at the principal frontage of the premises will provide adequate pressure and flow for normal operation of plumbing fixtures, water using appliances, requirements set by the responsible fire protection agency, and irrigation. In determining reasonably available service, the District will consider, relative to the service location and the applicable pressure zone, the elevation of the existing or proposed building on the premises, the distance of the building site from the meter location and any pressure and flow requirement for fire protection.

RETROFITS shall mean the conversion or modification of existing water using fixtures, appliances, equipment and landscaping such that they are suitable for water service.

SEPARATE STRUCTURE shall mean a distinct building with separate and/or shared walls, as solely determined by the District, without regard to common pathways, bridges, roof decks and overhangs, parking garages, foundations, and similar above-or-below-ground project features.

SERVICE shall mean the furnishing of water (potable or nonpotable) to a customer through a service connection.

SERVICE CONNECTION shall mean the necessary piping and equipment from the main to and including the meter or battery of meters. Reference to a service connection by size shall mean the size of the meter.

STANDARD PARTICIPATION CHARGE (SPC) shall mean the charge paid as a contribution towards the cost of future general oversizing of water mains and to provide major facilities capacity for service to new customers. This charge is paid in lieu of the System Capacity Charge by certain applicants who applied for service on or before June 28, 1983. The SPC also includes a component for the allocated cost of providing a future water supply to meet the long term increase in water demand in the District.

STANDARD SERVICE shall mean a service other than a private fire service, installed within the District service area, adjacent to the principal frontage of the premises to be served, which service is for immediate use to supply a function directly related to such premises.

SYSTEM CAPACITY CHARGE (SCC) shall mean the charge required of all applicants for water service to premises where installation of a service connection is required, including expanded service, as solely determined by the District. The charge to be paid depends on the regional location and the applicable meter size, the estimated annual average water use as determined by the District for large meters not covered in Schedule J based on water use information furnished by the applicant, or number of units. The charge is payment for the costs allocated to providing capacity for water service to applicants within each region, including components for major facilities in the District's distribution system master plan, major facilities constructed prior to the master plan, and water main oversizing. The SCC also includes a component for the allocated cost of providing a future water supply to meet the long term increase in water demand in the District. The charge shall be computed in accordance with Schedule J of the Rates and Charges.



REGULATIONS GOVERNING WATER SERVICE

TO CUSTOMERS OF THE EAST BAY MUNICIPAL UTILITY DISTRICT

PAGE NUMBER: 01-D

SECTION 1

EXPLANATION OF TERMS USED IN THESE REGULATIONS

UNIT shall mean and apply to a Dwelling Unit, Accessory Dwelling Unit, Commercial/Industrial Unit, Live/Work Unit, or Work/Live Unit within a premises as defined below, unless specified otherwise.

ACCESSORY DWELLING UNIT shall be as defined by California Government Code Section 65852.2.

JUNIOR ACCESSORY DWELLING UNIT shall be as defined by California Government Code Section 65852.22.

DWELLING UNIT shall mean an attached or detached rental or owner-occupied residential unit of a multi-family premises, which provides complete independent living facilities for one or more persons, including one or more permanent provisions for living, sleeping, cooking, sanitation, and separate ingress/egress as solely determined by the District.

COMMERCIAL/INDUSTRIAL UNIT shall mean an attached or detached rental or owner-occupied unit used directly or indirectly in connection with any non-residential, or business undertaking, which provides complete independent facilities for one or more persons, including one or more permanent provisions for sanitation, and separate ingress/egress as solely determined by the District.

LIVE/WORK UNIT shall be considered an attached or detached unit of a mixed-use premises that accommodates both residential and non-residential activities, but emphasizes the accommodation of residential activities per Local Land Use designation, as solely determined by the District. For the purpose of System Capacity Charges, a Live/Work Unit shall be considered as residential.

WORK/LIVE UNIT shall be considered an attached or detached unit of a mixed-use premises that accommodates both residential and non-residential activities, but emphasizes the accommodation of commercial activities per local land use designation, as solely determined by the District. For the purpose of System Capacity Charges, a Work/Live Unit shall be considered as non-residential.

WATER EFFICIENCY REQUIREMENTS shall mean all devices, technologies, and practices in accordance with Section 31 of these Regulations.

**Wastewater System Schedules of Rates and Charges, Capacity Charges,
and Other Fees Not Subject to Proposition 218**

FY 2024

Schedule C – Industrial Permit Fees

Schedule D – Other Fees

Schedule E – Testing Fees

Schedule F – Rates for Resource Recovery Material Treatment

Schedule G – Capacity Fees

Schedule H – Interceptor Connection Review, Coordination and Inspection Fee

Wastewater Department

Schedule C

Industrial Permit Fees

FY 2024



**SCHEDULE C – WASTEWATER DEPARTMENT
INDUSTRIAL PERMIT FEES**

EFFECTIVE 07/01/23~~2~~

PERMIT TYPE	ANNUAL FEE
Wastewater Discharge Permit	\$3,130 <u>\$3,320</u>
Estimation Permit	\$1,230 <u>\$1,290</u>
Limited Term Discharge Permit	\$2,900 <u>\$3,050</u>



**SCHEDULE C – WASTEWATER DEPARTMENT
INDUSTRIAL PERMIT FEES**

EFFECTIVE 07/01/23

PERMIT TYPE	ANNUAL FEE
Wastewater Discharge Permit	\$3,320
Estimation Permit	\$1,290
Limited Term Discharge Permit	\$3,050

Wastewater Department

Schedule D

Other Fees

FY 2024



**SCHEDULE D – WASTEWATER DEPARTMENT
OTHER FEES**

EFFECTIVE 07/01/23~~2~~

TYPE	RATE
SF Bay Commercial Pollution Prevention Fee	\$5.48/month ¹
SF Bay Residential Pollution Prevention Fee	\$0.20/month per dwelling unit ²
Monitoring Fees	\$1,720 <u>1,820</u>
Violation Follow-Up Fees	
Stage 1	\$780 <u>820</u>
Stage 2	\$1,720 <u>1,820</u> + Testing Fees ³
Stage 3	\$3,480 <u>3,680</u> + Testing Fees ³
Private Sewer Lateral Compliance Fees	
Compliance Certificate ⁴	\$340 <u>360</u>
Time Extension Certificate	\$120 <u>130</u>
Inspection Reschedule	\$100 <u>110</u>
Extra Lateral or Additional Verification Test	\$120 per lateral
Off-Hours Verification ⁵	\$260 <u>270</u> for 2.5 hours
Specific Appointment Time ⁵	\$320 <u>330</u>
HOA/Greater than 1,000 Oversight Fee	\$470 <u>500</u>
PSL Violation Follow-Up – Initial Fee	\$480 <u>510</u>
PSL Violation Follow-Up – Continuing Noncompliance Fee	\$110 <u>130</u>
Compliance Agreement	\$290 <u>320</u>

¹SF Bay Commercial Pollution Prevention Fee applicable to all non-residential accounts.

²SF Bay Residential Pollution Prevention Fee applicable to all residential accounts. Fee will be charge per dwelling unit up to five dwelling units.

³Violation follow-up fees do not include required testing. Testing fees will be charged in accordance with Schedule E Wastewater Department Testing Fees.

⁴Compliance Certificate Fee may be assessed for performance of a Verification Test that results in issuance of a new Compliance Certificate, annotation of an existing Compliance Certificate, or issuance of one or more new Compliance Certificates due to a parcel split or merger.

⁵[The fees for off-hours verification and specific appointment time will only be refunded if cancelled more than one business day prior to the scheduled appointment.](#)



**SCHEDULE D – WASTEWATER DEPARTMENT
OTHER FEES**

EFFECTIVE 07/01/23

TYPE	RATE
SF Bay Commercial Pollution Prevention Fee	\$5.48/month ¹
SF Bay Residential Pollution Prevention Fee	\$0.20/month per dwelling unit ²
Monitoring Fees	\$1,820
Violation Follow-Up Fees	
Stage 1	\$820
Stage 2	\$1,820 + Testing Fees ³
Stage 3	\$3,680 + Testing Fees ³
Private Sewer Lateral Compliance Fees	
Compliance Certificate ⁴	\$360
Time Extension Certificate	\$130
Inspection Reschedule	\$110
Extra Lateral or Additional Verification Test	\$120 per lateral
Off-Hours Verification ⁵	\$270 for 2.5 hours
Specific Appointment Time ⁵	\$330
HOA/Greater than 1,000 Oversight Fee	\$500
PSL Violation Follow-Up – Initial Fee	\$510
PSL Violation Follow-Up – Continuing Noncompliance Fee	\$130
Compliance Agreement	\$320

¹SF Bay Commercial Pollution Prevention Fee applicable to all non-residential accounts.

²SF Bay Residential Pollution Prevention Fee applicable to all residential accounts. Fee will be charge per dwelling unit up to five dwelling units.

³Violation follow-up fees do not include required testing. Testing fees will be charged in accordance with Schedule E Wastewater Department Testing Fees.

⁴Compliance Certificate Fee may be assessed for performance of a Verification Test that results in issuance of a new Compliance Certificate, annotation of an existing Compliance Certificate, or issuance of one or more new Compliance Certificates due to a parcel split or merger.

⁵The fees for off-hours verification and specific appointment time will only be refunded if cancelled more than one business day prior to the scheduled appointment.

Wastewater Department

Schedule E

Testing Fees

FY 2024



SCHEDULE E – WASTEWATER DEPARTMENT TESTING FEES

EFFECTIVE 07/01/2023~~4~~

LABORATORY TEST	FEE	METHOD*
Chemical Oxygen Demand	\$60 <u>65</u>	SM 5220 D
Cyanide	\$126 <u>137</u>	SM 4500 CN
Metals (Arsenic, Cadmium, Chromium, Copper, Iron, Lead, Nickel, Silver, and Zinc)	\$224 <u>244</u>	EPA 200.7
Metals (Mercury)	\$142 <u>154</u>	EPA 245.1
Oil & Grease: SGT-HEM	\$198 <u>215</u>	EPA 1664B
pH Field Analysis	\$28 <u>30</u>	
Phenols: Total	\$139 <u>151</u>	EPA 420.1
PCB Congeners	\$770 <u>838</u>	EPA 1668C
Semi-volatile Organics	\$522 <u>568</u>	EPA 625.1
Total Suspended Solids	\$40 <u>44</u>	SM 2540 D
Volatile Organics	\$219 <u>238</u>	EPA 624.1

* Or equivalent certified method



SCHEDULE E – WASTEWATER DEPARTMENT TESTING FEES

EFFECTIVE 07/01/2023

LABORATORY TEST	FEE	METHOD*
Chemical Oxygen Demand	\$65	SM 5220 D
Cyanide	\$137	SM 4500 CN
Metals (Arsenic, Cadmium, Chromium, Copper, Iron, Lead, Nickel, Silver, and Zinc)	\$244	EPA 200.7
Metals (Mercury)	\$154	EPA 245.1
Oil & Grease: SGT-HEM	\$215	EPA 1664B
pH Field Analysis	\$30	
Phenols: Total	\$151	EPA 420.1
PCB Congeners	\$838	EPA 1668C
Semi-volatile Organics	\$568	EPA 625.1
Total Suspended Solids	\$44	SM 2540 D
Volatile Organics	\$238	EPA 624.1

* Or equivalent certified method

Wastewater Department

Schedule F

Rates for Resource Recovery Material Treatment

FY 2024



**SCHEDULE F¹ – WASTEWATER DEPARTMENT
RATES FOR RESOURCE RECOVERY MATERIAL TREATMENT**

EFFECTIVE 07/01/23~~2~~

MATERIAL TYPE	RATE ²
Permit Fee	\$400 (per year)
Septage	Up to \$0. 11 <u>12</u> /gal
Fats, Oil and Grease	Up to \$0.13/gal
Process Water	Up to \$0. 08 <u>10</u> /gal
Brine	<u>Variable with Total Dissolved Solid (TDS)</u> Up to \$0. 08 <u>10</u> /gal ≤ 50,000 mg/l TDS Up to \$0. 09 <u>11</u> /gal 50,001 – 100,000 mg/l TDS Up to \$0. 42 <u>13</u> /gal > 100,000 mg/l TDS
Sludge	<u>Variable with % Total Solids (TS)</u> Up to \$0. 09 <u>11</u> /gal up to 3% TS Plus \$0.005/gal per %TS for TS between 3% to 20%
Clean Liquid Food Waste Slurry ³	<u>Variable with % Total Solids (TS)</u> Up to \$0.07/gal up to 3% TS Plus \$0.005/gal per % TS for TS between 3% to 20%
Liquid Organic Material	Up to \$0. 08 <u>09</u> /gal
Protein Material	Up to \$0. 13 <u>15</u> /gal
Solid Organic Material	\$30/ton – \$ 110 <u>120</u> /ton ⁴

¹Payment collection for all Resource Recovery accounts shall follow the payment collection provisions contained in Section 13, Payment of Bills in the Regulations Governing Water Service to the Customers of EBMUD and Items C and K, Returned Payment Charge and Late Payment Penalty and Interest, of Schedule C of the Water System Rates and Charges.

²For special accommodations, additional charges for actual personnel costs, equipment costs, and lab costs associated with the special accommodation will apply. Special accommodations include services provided by the District above and beyond what is typical, such as evaluation and testing of a unique material stream, special equipment to receive and process material, accommodations for large volumes, special off-hour deliveries that require additional staff support, or special treatment requirements.

³Clean liquid food waste slurry must behave as a liquid and contain minimal amounts of contamination. Food waste slurries that require additional contamination removal do not qualify for this rate.

⁴Based on treatment costs (residual solids dewatering and disposal), gas production, volumes and other costs or benefits to the District.



**SCHEDULE F¹ – WASTEWATER DEPARTMENT
RATES FOR RESOURCE RECOVERY MATERIAL TREATMENT**

EFFECTIVE 07/01/23

MATERIAL TYPE	RATE ²
Permit Fee	\$400 (per year)
Septage	Up to \$0.12/gal
Fats, Oil and Grease	Up to \$0.13/gal
Process Water	Up to \$0.10/gal
Brine	<u>Variable with Total Dissolved Solid (TDS)</u> Up to \$0.10/gal ≤ 50,000 mg/l TDS Up to \$0.11/gal 50,001 – 100,000 mg/l TDS Up to \$0.13/gal > 100,000 mg/l TDS
Sludge	<u>Variable with % Total Solids (TS)</u> Up to \$0.11/gal up to 3% TS Plus \$0.005/gal per %TS for TS between 3% to 20%
Clean Liquid Food Waste Slurry ³	<u>Variable with % Total Solids (TS)</u> Up to \$0.07/gal up to 3% TS Plus \$0.005/gal per % TS for TS between 3% to 20%
Liquid Organic Material	Up to \$0.09/gal
Protein Material	Up to \$0.15/gal
Solid Organic Material	\$30/ton – \$120/ton ⁴

¹Payment collection for all Resource Recovery accounts shall follow the payment collection provisions contained in Section 13, Payment of Bills in the Regulations Governing Water Service to the Customers of EBMUD and Items C and K, Returned Payment Charge and Late Payment Penalty and Interest, of Schedule C of the Water System Rates and Charges.

²For special accommodations, additional charges for actual personnel costs, equipment costs, and lab costs associated with the special accommodation will apply. Special accommodations include services provided by the District above and beyond what is typical, such as evaluation and testing of a unique material stream, special equipment to receive and process material, accommodations for large volumes, special off-hour deliveries that require additional staff support, or special treatment requirements.

³Clean liquid food waste slurry must behave as a liquid and contain minimal amounts of contamination. Food waste slurries that require additional contamination removal do not qualify for this rate.

⁴Based on treatment costs (residual solids dewatering and disposal), gas production, volumes and other costs or benefits to the District.

Wastewater Department

Schedule G

Capacity Fees

FY 2024



**SCHEDULE G – WASTEWATER DEPARTMENT
CAPACITY FEES**

EFFECTIVE 07/01/23~~2~~

A. Wastewater Capacity Fee for Non-Permit Applicants

For applicants who are not required to obtain a Wastewater Discharge Permit the Wastewater Capacity Fee (WCF) is based on the applicant’s estimated annual wastewater discharge flow and strength.

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.

1. Single Family Residential WCF ^{1,2} ~~\$2,950~~\$3,170

2. Multi-Family Residential WCF ^{2, 3}

Residential	WCF (\$ Per Dwelling Unit)
Multi-Family Standard (> 500 sq. ft.)	\$2,070 <u>\$2,220</u>
Multi-Family Small (≤ 500 sq. ft.)	1,620 <u>1,730</u>

3. Non-Residential WCF for meters 1-1/2 inches and smaller (dollars per connection)²

For service connections with meters 1-1/2 inches and smaller, the District reserves the right to request specific water use information from the applicant to determine applicant’s estimated annual wastewater discharge flow and strength. The District reserves the right to determine the appropriate meter size and wastewater strength category to meet the applicant’s estimated annual wastewater discharge flow and strength and assess the WCF using this Section (A)(~~3~~2). If the District determines that the applicant’s estimated annual wastewater discharge flow exceeds 1,390 gallons per day (gpd) or that a meter larger than 1-1/2 inches is required to meet the applicant’s needs, this Section (A)(~~3~~2) no longer applies. For estimated annual wastewater discharge flows that exceed 1,390 gpd and meters larger than 1-1/2 inches, Section (A)(~~4~~3) shall be used to determine the WCF based on the applicant’s estimated annual wastewater discharge flow and strength category. The District’s decision shall be final.

Strength Category	Meter Size		
	5/8 inch	3/4 & 1 inch	1-1/2 inch
Low	\$4,390 <u>\$4,710</u>	\$11,530 <u>\$12,370</u>	\$22,460 <u>\$24,110</u>
Medium	8,880 <u>9,530</u>	23,330 <u>25,040</u>	45,460 <u>48,780</u>
High	17,390 <u>18,640</u>	45,720 <u>49,010</u>	89,070 <u>95,480</u>



SCHEDULE G – WASTEWATER DEPARTMENT CAPACITY FEES

EFFECTIVE 07/01/23~~2~~

4. Non-Residential (meter size over 1-1/2 inch)^{2, 4, 5}

The WCF for service connections with meters larger than 1-1/2 inch shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the per CCF WCF charge to the annual wastewater discharge flow calculated by the District for the appropriate strength category for the service connection.

Strength Category	\$/Ccf/year
Low	\$33.22 <u>35.66</u>
Medium	67.24 <u>72.17</u>
High	131.76 <u>141.25</u>

In no instance will the WCF for a meter larger than 1-1/2 inches be less than the 1-1/2 inch price for a given strength category.



SCHEDULE G – WASTEWATER DEPARTMENT CAPACITY FEES

EFFECTIVE 07/01/23²

If the District has determined based on the water use information furnished that a meter larger than 1-1/2 inches is appropriate or if the estimated annual wastewater discharge exceeds 1,390 gpd, the WCF calculated from the District's estimate of annual wastewater discharge flow shall apply irrespective of the arrangement of the water metering or meter size at the premises.

Business Classification Code (BCC) Category: Low Strength

Code	Description
4500	Air Transportation
7542	Automobile Washing and Polishing
7215	Coin Operated Laundromats
3200	Earthenware Manufacturing
8060	Hospitals
7000	Hotels, Motels with Food Service
7300	Laboratories
3470	Metal Coating
3400	Metal Products Fabricating
3300	Primary Metals Manufacturing
8200	Schools
2820	Synthetic Material Manufacturing
	All Other Business Classification Codes (includes dischargers of only segregated domestic wastes from sanitary conveniences)

BCC Category: Medium Strength

Code	Description
2080	Beverage Manufacturing & Bottling
2840	Cleaning and Sanitation Products
7210	Commercial Laundries
2830	Drug Manufacturing
5812	Food Service Establishments
2030	Fruit and Vegetable Canning
2040	Grain Mills
2893	Ink and Pigment Manufacturing
2810	Inorganic Chemicals Manufacturing
2600	Pulp and Paper Products
2011	Slaughterhouses



SCHEDULE G – WASTEWATER DEPARTMENT CAPACITY FEES

EFFECTIVE 07/01/23~~2~~

BCC Category: High Strength

Code	Description
2050	Bakeries (including Pastries)
2020	Dairy Product Processing
3410	Drum and Barrel Manufacturing
7218	Industrial Laundries
3110	Leather Tanning and Finishing
2010	Meat Products
2850	Paint Manufacturing
2077	Rendering Tallow
2090	Specialty Foods Manufacturing
2060	Sugar Processing

B. WCF for Permit Applicants

For applicants who are required to obtain a Wastewater Discharge Permit, the Wastewater Capacity Fee (WCF) is based on the applicant’s estimated annual wastewater discharge flow and strength concentrations listed on the applicant’s discharge permit at the time of application.

Permit Accounts ^{2, 4, 5, 6}

Flow (\$/ccf/year)	\$14.84 <u>15.94</u>
Chemical Oxygen Demand (COD) (\$/lb/year)	4.56 <u>1.67</u>
Total Suspended Solids (TSS) (\$/lb/year)	7.13 <u>7.66</u>

¹ Single Family is BCC 8800 Single Family.

² A credit may be provided for existing services. Where a new service will replace one or more existing or prior services to a premises that previously paid a WCF, a credit will be applied to the new WCF. For existing meters 1-1/2 inches and smaller, the value of the WCF credit will be determined using the flow and strength assumed in the original WCF and based on the current WCF schedule (for flow and strength), or based on the existing strength and meter size if the information from the original WCF is not available. For existing meters over 1-1/2 inches, the value of the WCF credit will be determined using the flow and strength assumed in the original WCF and based on the current WCF schedule (for flow and strength). If the flow and strength information is not available from the original WCF, the strength and flow from the most recent 10 years of usage and strength will be used to determine the WCF credit, provided that this value is not less than the value indicated in the schedule for the 1-1/2 inch meter.

For premises on which no WCF was paid, customers will be granted a credit for the existing use. For existing meters 1-1/2 inches and smaller, the WCF credit will be calculated based on the current WCF schedule for the existing meter size and strength. For existing meters over 1-1/2 inches, the WCF credit will be calculated based on the most recent 10 years of usage and strength for the existing meter, provided that this value is not less than the value indicated in the schedule for the 1-1/2 inch meter.

If the account is subject to an Estimation Permit, the usage credit will consider diversion. The WCF credit cannot be applied to a dedicated irrigation meter, standby meter, fire service meter, or in the case of a combination standard and fire service meter, the portion of the meter oversized for the private fire protection system.

³Multi-family includes BCC 6513 Apartment Buildings and 6514 Multi-Family.



SCHEDULE G – WASTEWATER DEPARTMENT CAPACITY FEES

EFFECTIVE 07/01/23²

⁴ Capacity Fee is based on the anticipated annual flow contributions and the average wastewater strength measured or assigned for each classification of customer. The District may review the actual flow and strength within 24 months, once the business is fully established to verify the estimated demand for wastewater capacity. The review may result in the assessment of additional capacity fees if the actual flow and strength exceeds the original estimate.

⁵ For non-residential customers with projected treatment revenues equal to or greater than 0.1% of the total District treatment revenue, the calculated capacity fee will be reduced by a Rate Stabilization Factor of 25%. Projected treatment revenue will be based on permit conditions at the time of application or on average wastewater strength measured for each classification of customer if a permit is not required for discharge. Total District treatment revenue will be based on the budgeted fiscal year amount at the time of application.

⁶ Total fee is a summation of the unit rates for flow, COD, and TSS applied to the permit conditions at the time of application.



**SCHEDULE G – WASTEWATER DEPARTMENT
CAPACITY FEES**

EFFECTIVE 07/01/23

A. Wastewater Capacity Fee for Non-Permit Applicants

For applicants who are not required to obtain a Wastewater Discharge Permit the Wastewater Capacity Fee (WCF) is based on the applicant’s estimated annual wastewater discharge flow and strength.

For an increase or change in water use caused by the creation of an accessory dwelling unit or junior accessory dwelling unit on a premises, capacity charges will be imposed only as authorized by Government Code Sections 65852.2 and 65852.22.

- 1. **Single Family Residential WCF** ^{1,2} \$3,170
- 2. **Multi-Family Residential WCF** ^{2, 3}

Residential	WCF (\$ Per Dwelling Unit)
Multi-Family Standard (> 500 sq. ft.)	\$2,220
Multi-Family Small (≤ 500 sq. ft.)	1,730

3. Non-Residential WCF for meters 1-1/2 inches and smaller (dollars per connection)²

For service connections with meters 1-1/2 inches and smaller, the District reserves the right to request specific water use information from the applicant to determine applicant’s estimated annual wastewater discharge flow and strength. The District reserves the right to determine the appropriate meter size and wastewater strength category to meet the applicant’s estimated annual wastewater discharge flow and strength and assess the WCF using this Section (A)(3). If the District determines that the applicant’s estimated annual wastewater discharge flow exceeds 1,390 gallons per day (gpd) or that a meter larger than 1-1/2 inches is required to meet the applicant’s needs, this Section (A)(3) no longer applies. For estimated annual wastewater discharge flows that exceed 1,390 gpd and meters larger than 1-1/2 inches, Section (A)(4) shall be used to determine the WCF based on the applicant’s estimated annual wastewater discharge flow and strength category. The District’s decision shall be final.

Strength Category	Meter Size		
	5/8 inch	3/4 & 1 inch	1-1/2 inch
Low	\$4,710	\$12,370	\$24,110
Medium	9,530	25,040	48,780
High	18,640	49,010	95,480



SCHEDULE G – WASTEWATER DEPARTMENT CAPACITY FEES

EFFECTIVE 07/01/23

4. Non-Residential (meter size over 1-1/2 inch)^{2, 4, 5}

The WCF for service connections with meters larger than 1-1/2 inch shall be determined on a case-by-case basis by the District based on water use information furnished by the applicant and applying the per CCF WCF charge to the annual wastewater discharge flow calculated by the District for the appropriate strength category for the service connection.

Strength Category	\$/Ccf/year
Low	\$35.66
Medium	72.17
High	141.25

In no instance will the WCF for a meter larger than 1-1/2 inches be less than the 1-1/2 inch price for a given strength category.



SCHEDULE G – WASTEWATER DEPARTMENT CAPACITY FEES

EFFECTIVE 07/01/23

If the District has determined based on the water use information furnished that a meter larger than 1-1/2 inches is appropriate or if the estimated annual wastewater discharge exceeds 1,390 gpd, the WCF calculated from the District's estimate of annual wastewater discharge flow shall apply irrespective of the arrangement of the water metering or meter size at the premises.

Business Classification Code (BCC) Category: Low Strength

Code	Description
4500	Air Transportation
7542	Automobile Washing and Polishing
7215	Coin Operated Laundromats
3200	Earthenware Manufacturing
8060	Hospitals
7000	Hotels, Motels with Food Service
7300	Laboratories
3470	Metal Coating
3400	Metal Products Fabricating
3300	Primary Metals Manufacturing
8200	Schools
2820	Synthetic Material Manufacturing
	All Other Business Classification Codes (includes dischargers of only segregated domestic wastes from sanitary conveniences)

BCC Category: Medium Strength

Code	Description
2080	Beverage Manufacturing & Bottling
2840	Cleaning and Sanitation Products
7210	Commercial Laundries
2830	Drug Manufacturing
5812	Food Service Establishments
2030	Fruit and Vegetable Canning
2040	Grain Mills
2893	Ink and Pigment Manufacturing
2810	Inorganic Chemicals Manufacturing
2600	Pulp and Paper Products
2011	Slaughterhouses



SCHEDULE G – WASTEWATER DEPARTMENT CAPACITY FEES

EFFECTIVE 07/01/23

BCC Category: High Strength

Code	Description
2050	Bakeries (including Pastries)
2020	Dairy Product Processing
3410	Drum and Barrel Manufacturing
7218	Industrial Laundries
3110	Leather Tanning and Finishing
2010	Meat Products
2850	Paint Manufacturing
2077	Rendering Tallow
2090	Specialty Foods Manufacturing
2060	Sugar Processing

B. WCF for Permit Applicants

For applicants who are required to obtain a Wastewater Discharge Permit, the Wastewater Capacity Fee (WCF) is based on the applicant’s estimated annual wastewater discharge flow and strength concentrations listed on the applicant’s discharge permit at the time of application.

Permit Accounts ^{2, 4, 5, 6}

Flow (\$/ccf/year)	\$15.94
Chemical Oxygen Demand (COD) (\$/lb/year)	1.67
Total Suspended Solids (TSS) (\$/lb/year)	7.66

¹ Single Family is BCC 8800 Single Family.

² A credit may be provided for existing services. Where a new service will replace one or more existing or prior services to a premises that previously paid a WCF, a credit will be applied to the new WCF. For existing meters 1-1/2 inches and smaller, the value of the WCF credit will be determined using the flow and strength assumed in the original WCF and based on the current WCF schedule (for flow and strength), or based on the existing strength and meter size if the information from the original WCF is not available. For existing meters over 1-1/2 inches, the value of the WCF credit will be determined using the flow and strength assumed in the original WCF and based on the current WCF schedule (for flow and strength). If the flow and strength information is not available from the original WCF, the strength and flow from the most recent 10 years of usage and strength will be used to determine the WCF credit, provided that this value is not less than the value indicated in the schedule for the 1-1/2 inch meter.

For premises on which no WCF was paid, customers will be granted a credit for the existing use. For existing meters 1-1/2 inches and smaller, the WCF credit will be calculated based on the current WCF schedule for the existing meter size and strength. For existing meters over 1-1/2 inches, the WCF credit will be calculated based on the most recent 10 years of usage and strength for the existing meter, provided that this value is not less than the value indicated in the schedule for the 1-1/2 inch meter.

If the account is subject to an Estimation Permit, the usage credit will consider diversion. The WCF credit cannot be applied to a dedicated irrigation meter, standby meter, fire service meter, or in the case of a combination standard and fire service meter, the portion of the meter oversized for the private fire protection system.

³Multi-family includes BCC 6513 Apartment Buildings and 6514 Multi-Family.



SCHEDULE G – WASTEWATER DEPARTMENT CAPACITY FEES

EFFECTIVE 07/01/23

⁴ Capacity Fee is based on the anticipated annual flow contributions and the average wastewater strength measured or assigned for each classification of customer. The District may review the actual flow and strength within 24 months, once the business is fully established to verify the estimated demand for wastewater capacity. The review may result in the assessment of additional capacity fees if the actual flow and strength exceeds the original estimate.

⁵ For non-residential customers with projected treatment revenues equal to or greater than 0.1% of the total District treatment revenue, the calculated capacity fee will be reduced by a Rate Stabilization Factor of 25%. Projected treatment revenue will be based on permit conditions at the time of application or on average wastewater strength measured for each classification of customer if a permit is not required for discharge. Total District treatment revenue will be based on the budgeted fiscal year amount at the time of application.

⁶ Total fee is a summation of the unit rates for flow, COD, and TSS applied to the permit conditions at the time of application.

Wastewater Department

Schedule H

Wastewater Interceptor Connection Review, Coordination and Inspection Fee

FY 2024



**SCHEDULE H – WASTEWATER DEPARTMENT
WASTEWATER INTERCEPTOR CONNECTION REVIEW,
COORDINATION AND INSPECTION FEE**

EFFECTIVE 07/01/23~~2~~

TYPE	RATE
Plan Review, Project Coordination and Construction Inspection	\$ 12,400 <u>12,600</u>
Each Additional Connection ¹	10,100 <u>10,300</u>

¹ For additional connections submitted and constructed under the same project with the same design and pipe sizes



**SCHEDULE H – WASTEWATER DEPARTMENT
WASTEWATER INTERCEPTOR CONNECTION REVIEW,
COORDINATION AND INSPECTION FEE**

EFFECTIVE 07/01/23

TYPE	RATE
Plan Review, Project Coordination and Construction Inspection	\$12,600
Each Additional Connection ¹	10,300

¹ For additional connections submitted and constructed under the same project with the same design and pipe sizes

**Other District Schedules of Rates and Charges, Capacity Charges, and
Other Fees Not Subject to Proposition 218**

FY 2024

Recreation Use Fees for Calendar Year 2023 and 2024

Recreation Use Fees

Calendar Year 2023



RECREATION USE FEES FOR 2023
January – December 2023¹
EFFECTIVE 07/01/23

The following fees apply to use of the District's recreation facilities at Camanche Hills Hunting Preserve, Camanche Reservoir, Lafayette Reservoir, Pardee Reservoir, San Pablo Reservoir and on the District's Watershed Trail System.

All other (not included in this schedule) charges and fees for merchandise and services provided to the public in connection with the public uses of the recreation areas and facilities thereat shall be determined by the concessionaire or the District and shall be reasonable and consistent with charges for similar merchandise and services at similar locations.

General Discount Program – Discounts from fees listed may be offered in order to attract new customers and/or improve revenues. General discounts will be applied for specified time frames and apply fairly and uniformly. General discounts must be approved by the Director of Water and Natural Resources Department in advance.

District employees, retirees and immediate family receive free vehicle entry and boat launch, and a camping discount equal to the car entry fee (limit one per day).

Volunteer Discount Program – Free one-year Trail Use Permit and 50% discount on vehicle entry/parking and boat launch for those who contribute an annual minimum of 20 hours of volunteer work while participating in a District Volunteer Program.

Distinguished Veteran Discount Program – Holders of the California State Parks Distinguished Veteran Pass receive free day use and boat launch at all District recreation areas.

Fishing Access Permits are required for persons 16 years of age or older. Up to four children 15 years and under and accompanied by a person who possesses a valid CA fishing license and daily fishing access permit, may fish under that fishing access permit subject to the daily possession limit of the permit holder. Every accompanied child, over the allowed number of four, must have individual fishing access permits. Each child not accompanied by a fishing access permit holding adult must obtain his/her own fishing access permit.

No Fishing Access Permit is required on the two annual California Department of Fish and Wildlife Free Fishing Days.

¹Fee years are by calendar year for all locations except the Camanche Hills Hunting Preserve where fees are implemented earlier for the hunting year October 1 - September 30.



RECREATION USE FEES FOR 2023
January – December 2023
 EFFECTIVE 07/01/23

CAMANCHE HILLS HUNTING PRESERVE¹	<u>USE FEE</u>
PRESERVE LICENSE:	
Initiation Fee (Family)	\$3,495.00
Initiation Fee (Corporate)	3,495.00
Annual Maintenance (Family)	300.00
Annual Maintenance (Corporate)	600.00
LICENSED GUIDE GOOSE HUNT (PER PERSON/HUNT)	200.00
BIRD PROCESSING: (PRICE PER EACH)	
Pheasant	4.50
Chukar	4.50
20-bird card (pheasant and chukar) for 20	70.00
Duck	5.00
Goose	10.00
Smoking (all birds)	7.50
DOG RENTAL	
Half Day	75.00
Full Day	140.00
Special Hunt	140.00
SPORTING CLAYS	
Full Round Course (100 targets)	42.00
Half Round Course (50 targets)	23.00
25 targets (5-Stand/Grouse bunker)	9.00
5 targets (Skeet/trap)	6.00
ARCHERY RANGE AND COURSE	
7 Station 3-D Target Course	
Per person	10.00
FISHING ACCESS TO RABBIT CREEK ARM OF CAMANCHE LAKE AND FARM PONDS LOCATED ON CHHP RECREATIONAL AREA	
Public Fishing Access	10.00
CHHP Members Access	5.00
FISHING ACCESS TO RABBIT CREEK ARM OF CAMANCHE LAKE	
Public Fishing Access: Bow for Carp	10.00

¹Fee years are by calendar year for all locations except the Camanche Hills Hunting Preserve where fees are implemented earlier for the hunting year October 1 - September 30.



RECREATION USE FEES FOR 2023
January – December 2023
 EFFECTIVE 07/01/23

CAMANCHE HILLS HUNTING PRESERVE
(continued)

USE FEE

RV Parking Area

Nightly	\$6.00
Clubhouse Rental (daily)	500.00
Kitchen Rental (daily)	500.00
Grounds (daily)	500.00

Camanche Hills Hunting Preserve
Discounts, Special Programs and Limitations

Pricing for planted bird hunting will be reviewed and approved by the Director of Water and Natural Resources.

Free bird hunting and sporting clays shooting is offered to the communications media, based on the availability of birds and sporting clays course.

Free use of the facilities is offered to non-profit hunting organizations for family, disabled and junior hunting functions.

A target shooting (sporting clay, trap, 5-stand and bunkers) discount of 15% is offered to Senior, Disabled, and active or retired military visitors.

A target shooting discount of 50% is offered to Distinguished Veteran Pass holders.

A driven pheasant shoot discount of 15% is offered to Senior, Disabled, active or retired military, and Distinguished Veteran Pass holders.

An RV parking discount of 50% is offered to Senior, Disabled and Distinguished Veteran Pass holders.

Daily field trial events are permitted on a limited basis. Fees range from \$0 for qualified non-profit organizations to a maximum of \$200.00.

EBMUD employees and retirees, concession employees and Tri-County (Amador, Calaveras and San Joaquin) Public Safety Personnel receive a 20% discount on food purchases and a 10% discount on sporting clays.

Discounts and incentives are separate and cannot be combined for a larger discount or incentive.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS**

USE FEE

VEHICLE ENTRY/PARKING

CAR/MOTORCYCLE/SMALL VAN

Daily (Peak Season: May 1-September 30, weekends and holidays)	\$18.00
Daily (Off-season, Peak Season weekdays)	12.00
Nightly (non-camping)	12.00
Annual (12 consecutive months)	225.00
Annual Senior/Disabled/Former POW/Disabled Veteran (12 Consecutive Months)	112.50
Combined Car/Boat Daily (Peak Season: May 1-September 30, weekends and holidays)	21.00
Combined Car/Boat Daily (Off-season, weekdays)	17.50
Annual Marina Overnight/Day Use (12 consecutive months)	245.00

**VEHICLE ENTRY/PARKING LARGE VANS
AND BUSES**

Large Vans – 10-20 Passengers	23.00
Buses – 21+ Passengers	44.00

DOG

Daily (Fee charged each day in park)	6.50
Annual (12 consecutive months concurrent with Annual Parking Pass)	55.00

BOAT LAUNCH

Daily Peak Season (May 1- Sept 30), weekends and holidays. (Fee charged each day in park.)	15.50
Daily Off-season; Peak Season weekdays. (Fee charged each day in park.)	12.00
Night (Fee charged each day in park)	14.00
Annual (12 consecutive months)	190.00
Senior/Disabled/Former POW/Disabled Veteran Annual (12 consecutive months)	95.00

BOAT MOORING (Buoy)

Monthly: under 30 feet	320.00
30 feet & larger	385.00
Annual (12 consecutive months, any length):	2,900.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

USE FEE

BOAT SLIP OPEN (Excluding park entry)

Daily	\$40.00
Weekly	190.00
Monthly	430.00
8 Months	1,595.00
Key Security Deposit	15.00

**BOAT SLIP COVERED – 24' Length Maximum
(Excluding park entry)**

Daily	55.00
Weekly	225.00
Monthly	600.00
Annual (12 consecutive months)	2,500.00
Key Security Deposit	55.00

**BOAT SLIP COVERED –Over 24' Length
(Excluding park entry)**

Daily	60.00
Weekly	300.00
Monthly	725.00
Annual (12 consecutive months)	3,100.00
Key Security Deposit	55.00

**RV/TRAILER/BOAT STORAGE (Excluding
park entry)**

Monthly	170.00
12 Months, consecutive	895.00
Monthly – 30' Length Maximum (Concurrent with Mooring/Slip Rental)	76.00
Monthly – Over 30' (Concurrent with Mooring/Slip Rental)	110.00
Annual – 30' Length Maximum (Concurrent with Mooring/Slip Rental) (12 consecutive months)	380.00
Annual – Over 30' (Concurrent with Mooring/Slip Rental) (12 consecutive months)	520.00
Annual – concurrent with Mobile Home Space rent (12 consecutive months)	450.00
Annual – concurrent with Mobile Home Space rent (<28', 1 boat only, dry #3) (12 consecutive months)	190.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

USE FEE

FISHING ACCESS PERMIT

Daily	\$7.25
Annual	150.00

CAMPSITE (w/vehicle parking)

Nightly (Peak Season: May 1 - September 30)	38.00
Nightly (Off-season)	25.00
Second Car Parking	17.00
Weekly (Peak Season: May 1 - September 30)	185.00
Weekly (Off-season)	122.00
Second Car Weekly	85.00
14 nights (Peak Season: May 1 - September 30)	370.00
14 nights (Off-season)	245.00
Camping Reservation Fee	12.00

PREMIUM CAMPSITES

Nightly (Peak Season: May 1 – September 30)	46.00
Nightly (Off-season)	27.00
Second Car Parking	17.00
Weekly (Peak Season: May 1 – September 30)	225.00
Second Car Weekly	85.00
14 nights (Peak Season: May 1 – September 30)	450.00
14 nights (Off-season)	264.00

CAMPSITES WITH TENT STRUCTURES

8 person nightly	85.50
16 person nightly	151.00
8 person weekly	428.50
16 person weekly	662.00

**CAMPSITE (WALK-IN/BICYCLE PARKING – 8
PERSON/BIKE MAX)**

Nightly	25.50
Weekly	138.50
14 nights	262.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/4/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

USE FEE

GROUP CAMP (Nightly)

12-Person Limit	\$121.00
16-Person Limit	146.00
24-Person Limit	171.50
32-Person Limit	227.00
64-Person Limit	429.00
72-Person Limit	480.00

GROUP CAMP (Nightly, off-season)

12-Person Limit	66.00
16-Person Limit	71.00
24-Person Limit	76.50
32-Person Limit	82.00
64-Person Limit	159.00
72-Person Limit	205.00

**EQUESTRIAN – TURKEY HILL – 2 HORSES
PER SINGLE SITE – “NO OFF-SEASON
DISCOUNTS”**

General Assembly Area	100.00
Turkey Hill Single	65.50
Turkey Hill Double	126.00
Turkey Hill Triple	151.50
Turkey Hill Quad	202.00
Entire Turkey Hill (includes assembly area)	730.00

RV SITE

Nightly	58.00
Weekly	333.50
Monthly	685.00
Season (6-Month Max)	1970.00
Premium Sites (Peak Season)	64.00
Premium Sites Weekly (Peak Season)	360.50

TOWING

Camanche Recreation Area per hour	165.00
-----------------------------------	--------

MISCELLANEOUS

Camanche Recreation Area Lake Tours	15.00
-------------------------------------	-------



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

USE FEE

BOAT/VESSEL DECONTAMINATION

Vessel decontamination (up to 30')	\$35.00
Vessels over 30' in length	35.00 + 5.00 for each 5' over 30'
Ballast tanks decontamination	10.00
Tank, bilge, live well decontamination only	25.00
PWC storage area decontamination only	25.00
Kayaks and Canoes decontamination	25.00

COTTAGE/MOTEL GENERAL

Camanche Recreation Area – Security Deposit	200.00
Additional Guest Charge (to maximum occupancy)	20.00

COTTAGE (4-Person Base)

May – Sept: Night	200.00
Week	1,050.00
Oct – April: Night	135.00
Week	710.00
Month	1,900.00

COTTAGE (6-Person Base)

May – Sept: Night	260.00
Week	1,365.00
Oct – April: Night	170.00
Week	892.50
Month	2,100.00

PARK MODEL (4-Person)

May – Sept: Night	300.00
Week	1,575.00
Oct – April: Night	225.00
Week	1,181.00
Month	3,000.00

**RESORT RENTAL (4 BEDROOM, 14 PERSON
MAX)**

May – Sept: Night	445.00
Week	2,340.00
Oct – April: Night	235.00
Week	1,235.00



RECREATION USE FEES FOR 2023
January – December 2023
 EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
 AND SOUTH SHORE RECREATION AREAS
 (continued)**

USE FEE

MOBILE HOME (MONTHLY)

3 bedroom

\$929.77 +
HUD FMR²

MOBILE HOME SPACES (MONTHLY)

North Shore 1A

511.07* +
HUD FMR²

North Shore 1B

537.79* +
HUD FMR²

North Shore 2

618.02* +
HUD FMR²

South Shore

540.79* +
HUD FMR²

*Mobile homes registered through Amador County receive a \$2.50 credit on their monthly rent to reflect their payment of fire-related fees.

**OTHER MOBILE HOME FEES (Per Space –
 Monthly)**

Guest Fee

75.00

Late Rent/Returned Check Fee

50.00

FACILITY RENTAL

Lakeside Hall Daily (hall only)

825.00

Lakeside Hall Daily (kitchen & service ware
 included)

1,200.00

Lakeside Hall Cleaning and Equipment Deposit

1,000.00

Camanche Clubhouse Rental (North Shore)

195.00

Camanche Clubhouse Rental (South Shore)

140.00

²HUD FMR is the Housing and Urban Development Fair Market Rents Index which is published by HUD each October. The mobile home rental space rate will be adjusted annually based on the percent change in the HUD FMR index for 2-bedroom homes averaged for Amador and Calaveras Counties.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

Camanche Reservoir – North and South Shore Recreation Area Discounts, Special Programs, Limitations

Concessionaire Employees receive free entrance to and use of rental boats during off-hours, a 20% discount on food and merchandise, and a camping discount equal to the car entrance fee. Limited to one free vehicle entry and one free boat rental per employee per day.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Current Camanche Regional Park Advisory Board members and active field public safety personnel in Amador, Calaveras and San Joaquin County receive free day use entry.

Senior/Disabled receive 50% discount on annual entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Active, reserve, retired, and veteran military personnel receive 20% discount on day use entry, boat rentals, (excluding rental of the party barge), camping and short-term (14-day) RV sites and lodging. Military identification required. Discount may not be combined with other offers.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Mobilehome Park Tenants receive 50% off non-holiday weekday boat rentals and additional 25% off for qualifying Senior/Disabled/Former POW/Disabled Veteran tenants; special additional incentives for non-holiday Tuesday boat rentals; a 40% discount on off-season monthly open slip, covered slip and mooring buoy fees; and a 10% discount on regularly priced marina/store items not including fishing access permits, fishing license, prepared food/beverage, gasoline and propane.

Groups of four or less individuals meeting the criteria for disabled discounts shall be eligible to rent the 6-person ADA cottages at Camanche for the 4-person cottage rate.

Turkey Hill Equestrian Campground single site customers renting larger spaces due to single sites being occupied shall be charged the lesser prorated rate.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry and camping fees.

Short-term visitor passes may be issued for periods up to one-hour.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

Camanche Reservoir – North and South Shore Recreation Area Discounts, Special Programs, Limitations (continued)

Campsite charges include one vehicle entry, and RV site charges include a second/tow vehicle. Monthly and Seasonal RV Park fees include one vehicle entry, but do not include electricity charge. Electricity is metered and charged separately. Each of the daily charges, except the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from one hour before sunrise until one hour after sunset.

Fishing access permits are valid until midnight of said day.

Each of the weekly charges shall be valid and effective for the calendar week in which the charge is made, terminating at 1:00 p.m. on the seventh consecutive day of said period. The seasonal charges noted for each recreation area shall be valid and effective for a period not exceeding 24 consecutive hours and terminating at 1:00 p.m. during said period.

Check out time for all RV sites is 1:00 p.m.

Peak Season is May 1 – September 30. Off-season is October 1 – April 30.

Premium Campsite or Premium RV site is a site that due to enhanced amenities, waterfront access or other special features is rented at a higher rate than a standard site.

Standard campsites may have a maximum of 8 people and 2 vehicles.

Short-term visitor passes may be issued for periods of up to one-hour.



RECREATION USE FEES FOR 2023
January – December 2023
 EFFECTIVE 07/01/23

LAFAYETTE RECREATION AREA

USE FEE

**ENTRY AND PARKING –
 CAR/MOTORCYCLE/SMALL VAN**

Daily	\$7.00
Annual (new or renewal)	120.00
Annual (new or renewal) 2 years	240.00
Replacement hang-tag (Replacement limited to 1 hang-tag per year)	25.00
Parking Meters 1/2 hour Senior/Disabled	0.75
Season (new or renewal)	80.00
Season (new or renewal) 2 years	160.00

**ENTRY AND PARKING –
 LARGE VANS AND BUSES**

Large Vans – 10-20 Passengers	18.00
Buses – 21+ Passengers	33.00

DOG (no charge)

COMMERCIAL USES (in addition to the base fee noted below, the Director of Water and Natural Resources may set an additional fee to recover the District’s direct costs plus overhead)

Commercial Use	
Small (up to 10 people)	100.00
Medium (from 11 to 50 people)	500.00
Large (from 51 to 150 people)	1,000.00

BOAT LAUNCH

Daily	4.00
Annual	50.00
Boat Inspection Fee	6.00

FISHING ACCESS

Daily	5.00
-------	------

GROUP PICNIC

Small Site (Weekend/Holiday)	200.00
Small Site (Weekday/Non-Holiday)	100.00
Large Site (Weekend/Holiday)	350.00
Large Site (Weekday/Non-Holiday)	175.00
Special Events Fee	500.00 + \$1/participant



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

Lafayette Reservoir – Discounts, Special Programs, Limitations

District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Senior/Disabled receive 50% discount on boat launch fees and on non-holiday weekday boat rentals. Senior rates are for individuals with a drivers' license showing age 62 or older.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

PARDEE RECREATION AREA	<u>USE FEE</u>
VEHICLE ENTRY AND PARKING – CAR/MOTORCYCLE/SMALL VAN	
Daily/Nightly (Non-Camping)	\$10.00
Season	118.00
Combined Car/Boat Daily	16.00
VEHICLE ENTRY AND PARKING – LARGE VANS AND BUSES	
Large Vans – 10-20 Passengers	22.00
Buses – 21+ Passengers	38.00
DOG	
Daily (Fee charged each day in park)	5.00
Season (Concurrent with Season Parking Pass)	50.00
STANDARD BOAT LAUNCH	
Daily (Fee charged each day in park)	10.00
Season	110.00
CARTOP BOAT LAUNCH (Float Tube, Kayak, Canoe, Scull)	
Daily	5.00
Season	44.00
BOAT SLIP (excluding park entry)	
Daily	10.00
Weekly	50.00
Monthly	120.00
Season	690.00
Season (concurrent with season RV)	640.00
FISHING ACCESS	
Daily	7.25
Annual	200.00
MISCELLANEOUS	
RV/Campsite Reservation Fee	10.00
STANDARD CAMPSITE (w/vehicle parking)	
Nightly	25.00
Second Car Parking	10.00
Weekly	150.00
Second Car Parking	60.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

PARDEE RECREATION AREA (continued)	<u>USE FEE</u>
PREMIUM CAMPSITE (w/vehicle parking)	
Nightly	\$30.00
Weekly	180.00
CAMPSITE (walk-in/bicycle parking) (8 person/8 bike maximum)	
Nightly	23.00
Weekly	138.00
DOUBLE CAMPSITE (16 people/2 vehicles)	
Nightly	50.00
Third or Fourth Vehicle	10.00
RV SITE	
Nightly	40.00
Weekly	240.00
Monthly	520.00
Season	4,095.00
Season – Premium Site	4,225.00
RV/TRAILER/BOAT STORAGE (excluding park entry)	
Weekly	30.00
Monthly	70.00
Season	510.00
Season – concurrent with season RV site	445.00
12-Month Consecutive	670.00
TOWING	80.00
RESERVABLE SITE/FACILITY (charges in addition to above fees)	
Small (25 or less people)	70.00
Medium (26-100 people)	100.00
Large (101-150 people)	150.00
Over 150 people	265.00
Café/Pool Day Use Area (refundable deposit)	60.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

PARDEE RESERVOIR – DISCOUNTS, SPECIAL PROGRAMS, LIMITATIONS

Concessionaire Employees receive free entrance to and use of rental boats during off-season hours, a 20% discount on food and merchandise, and a camping discount equal to the car entrance fee. Limited to one free vehicle entry and one free boat rental per employee per day.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Current Camanche Regional Park Advisory Board members and active field public safety personnel in Amador, Calaveras and San Joaquin County receive free day use entry.

Senior/Disabled receive 50% discount on annual entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Active, reserve, retired, and veteran military personnel receive 20% discount on day use entry, boat rentals, (excluding Deluxe Pontoon), and dry camping (excluding RV hook-up sites). Military identification required. Discount may not be combined with other offers.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry and camping fees.

Campsite charges include one vehicle entry, and RV site charges include a second/tow vehicle.

Monthly and Seasonal RV Park fees include one vehicle entry, but do not include electricity charge. Electricity is metered and charged separately.

Each of the daily charges, except the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from one hour before sunrise until one hour after sunset. Fishing access permits are valid until midnight of said day.

Each of the weekly charges shall be valid and effective for the calendar week in which the charge is made, terminating at 1:00 p.m. on the seventh consecutive day of said period.

Each of the nightly charges shall be valid and effective for a period not exceeding 24 consecutive hours and terminating at 1:00 p.m. during said period.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

PARDEE RESERVOIR – DISCOUNTS, SPECIAL PROGRAMS, LIMITATIONS
(continued)

Premium Campsite or Premium RV site is a site that due to enhanced amenities, waterfront access or other special features is rented at a higher rate than a standard site.

Standard campsites may have a maximum of 8 people and 2 vehicles.

Short-term visitor passes may be issued for periods up to one hour.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

SAN PABLO RECREATION AREA	<u>USE FEE</u>
ENTRY AND PARKING – CAR/MOTORCYCLE/SMALL VAN	
Daily	\$7.00
Daily (Special Events)	5.00
Season	120.00
ENTRY AND PARKING – LARGE VANS AND BUSES	
Large Vans – 10-20 Passengers	22.00
Buses – 21+ Passengers	40.00
DOG	3.00
COMMERCIAL USES (in addition to the base fee noted below, the Director of Water and Natural Resources may set an additional fee to recover the District’s direct costs plus overhead)	
Small (up to 10 people)	120.00
Medium (from 11 to 50 people)	600.00
Large (from 51 to 150 people)	1,200.00
STANDARD BOAT LAUNCH	
Daily	8.00
Season (Entry & Boat Launch)	170.00
Boat Inspection Fee	6.00
CARTOP BOAT LAUNCH (Float Tube, Kayak, Canoe, Scull)	
Daily	4.00
Season (Entry and Cartop Launch)	124.00
FISHING ACCESS	
Daily	6.00
GROUP PICNIC	
Large Sites (Oaks) daily	300.00
Large Sites (Pines) daily	200.00
GAZEBO	90.00
TOWING	50.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

SAN PABLO RECREATION AREA (continued)

USE FEE

VISITOR CENTER & DECK RENTAL

Weekday	\$200.00
2 consecutive days	350.00
3 consecutive days	500.00
Weekday Evening (minimum charge for up to 3 hours)	250.00
Extra hours	70.00
Weekend Evening (minimum charge for up to 5 hours)	400.00
Extra hours	70.00
Event Cleaning and Damage Deposit	350.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

SAN PABLO RESERVOIR – Discounts, Special Programs, Limitations

Concessionaire Employees receive free entrance to and use of rental boats during off-season hours, a 20% discount on food and merchandise. The discount is limited to one free vehicle entry and one free boat rental per employee per day. To qualify, a concession employee must work a minimum of 20 hours per week, Sunday through Saturday.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Each of the daily charges, including the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from the time the park opens until it closes each day.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry fees.

Senior/Disabled receive 50% discount on seasonal and 3-month entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Unless determined otherwise, the recreation season is mid-February through November (dates selected by concessionaire with District approval).



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

WATERSHED TRAIL SYSTEM

USE FEE

WATERSHED TRAILS

Daily Permit	\$3.00
Annual Permit	10.00
Three-Year Permit	20.00
Five-Year Permit	30.00
Low-income Annual Permit	0.00



RECREATION USE FEES FOR 2023
January – December 2023¹
EFFECTIVE 07/01/23

The following fees apply to use of the District's recreation facilities at Camanche Hills Hunting Preserve, Camanche Reservoir, Lafayette Reservoir, Pardee Reservoir, San Pablo Reservoir and on the District's Watershed Trail System.

All other (not included in this schedule) charges and fees for merchandise and services provided to the public in connection with the public uses of the recreation areas and facilities thereat shall be determined by the concessionaire or the District and shall be reasonable and consistent with charges for similar merchandise and services at similar locations.

General Discount Program – Discounts from fees listed may be offered in order to attract new customers and/or improve revenues. General discounts will be applied for specified time frames and apply fairly and uniformly. General discounts must be approved by the Director of Water and Natural Resources Department in advance.

District employees, retirees and immediate family receive free vehicle entry and boat launch, and a camping discount equal to the car entry fee (limit one per day).

Volunteer Discount Program – Free one-year Trail Use Permit and 50% discount on vehicle entry/parking and boat launch for those who contribute an annual minimum of 20 hours of volunteer work while participating in a District Volunteer Program.

Distinguished Veteran Discount Program – Holders of the California State Parks Distinguished Veteran Pass receive free day use and boat launch at all District recreation areas.

Fishing Access Permits are required for persons 16 years of age or older. Up to four children 15 years and under and accompanied by a person who possesses a valid CA fishing license and daily fishing access permit, may fish under that fishing access permit subject to the daily possession limit of the permit holder. Every accompanied child, over the allowed number of four, must have individual fishing access permits. Each child not accompanied by a fishing access permit holding adult must obtain his/her own fishing access permit.

No Fishing Access Permit is required on the two annual California Department of Fish and Wildlife Free Fishing Days.

¹Fee years are by calendar year for all locations except the Camanche Hills Hunting Preserve where fees are implemented earlier for the hunting year October 1 - September 30.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

CAMANCHE HILLS HUNTING PRESERVE¹	<u>USE FEE</u>
PRESERVE LICENSE:	
Initiation Fee (Family)	\$3,495.00
Initiation Fee (Corporate)	3,495.00
Annual Maintenance (Family)	300.00
Annual Maintenance (Corporate)	600.00
LICENSED GUIDE GOOSE HUNT (PER PERSON/HUNT)	200.00
BIRD PROCESSING: (PRICE PER EACH)	
Pheasant	4.50
Chukar	4.50
20-bird card (pheasant and chukar) for 20	70.00
Duck	5.00
Goose	10.00
Smoking (all birds)	7.50
DOG RENTAL	
Half Day	75.00
Full Day	140.00
Special Hunt	140.00
SPORTING CLAYS	
Full Round Course (100 targets)	42.00
Half Round Course (50 targets)	23.00
25 targets (5-Stand/Grouse bunker)	9.00
5 targets (Skeet/trap)	6.00
ARCHERY RANGE AND COURSE	
7 Station 3-D Target Course Per person	10.00
FISHING ACCESS TO RABBIT CREEK ARM OF CAMANCHE LAKE AND FARM PONDS LOCATED ON CHHP RECREATIONAL AREA	
Public Fishing Access	10.00
CHHP Members Access	5.00
FISHING ACCESS TO RABBIT CREEK ARM OF CAMANCHE LAKE	
Public Fishing Access: Bow for Carp	10.00

¹Fee years are by calendar year for all locations except the Camanche Hills Hunting Preserve where fees are implemented earlier for the hunting year October 1 - September 30.



RECREATION USE FEES FOR 2023
January – December 2023
 EFFECTIVE 07/01/23

CAMANCHE HILLS HUNTING PRESERVE
(continued)

USE FEE

RV Parking Area

Nightly	\$6.00
Clubhouse Rental (daily)	500.00
Kitchen Rental (daily)	500.00
Grounds (daily)	500.00

Camanche Hills Hunting Preserve
Discounts, Special Programs and Limitations

Pricing for planted bird hunting will be reviewed and approved by the Director of Water and Natural Resources.

Free bird hunting and sporting clays shooting is offered to the communications media, based on the availability of birds and sporting clays course.

Free use of the facilities is offered to non-profit hunting organizations for family, disabled and junior hunting functions.

A target shooting (sporting clay, trap, 5-stand and bunkers) discount of 15% is offered to Senior, Disabled, and active or retired military visitors.

A target shooting discount of 50% is offered to Distinguished Veteran Pass holders.

A driven pheasant shoot discount of 15% is offered to Senior, Disabled, active or retired military, and Distinguished Veteran Pass holders.

An RV parking discount of 50% is offered to Senior, Disabled and Distinguished Veteran Pass holders.

Daily field trial events are permitted on a limited basis. Fees range from \$0 for qualified non-profit organizations to a maximum of \$200.00.

EBMUD employees and retirees, concession employees and Tri-County (Amador, Calaveras and San Joaquin) Public Safety Personnel receive a 20% discount on food purchases and a 10% discount on sporting clays.

Discounts and incentives are separate and cannot be combined for a larger discount or incentive.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS**

USE FEE

VEHICLE ENTRY/PARKING

CAR/MOTORCYCLE/SMALL VAN

Daily (Peak Season: May 1-September 30, weekends and holidays)	\$18.00
Daily (Off-season, Peak Season weekdays)	12.00
Nightly (non-camping)	12.00
Annual (12 consecutive months)	225.00
Annual Senior/Disabled/Former POW/Disabled Veteran (12 Consecutive Months)	112.50
Combined Car/Boat Daily (Peak Season: May 1-September 30, weekends and holidays)	21.00
Combined Car/Boat Daily (Off-season, weekdays)	17.50
Annual Marina Overnight/Day Use (12 consecutive months)	245.00

**VEHICLE ENTRY/PARKING LARGE VANS
AND BUSES**

Large Vans – 10-20 Passengers	23.00
Buses – 21+ Passengers	44.00

DOG

Daily (Fee charged each day in park)	6.50
Annual (12 consecutive months concurrent with Annual Parking Pass)	55.00

BOAT LAUNCH

Daily Peak Season (May 1- Sept 30), weekends and holidays. (Fee charged each day in park.)	15.50
Daily Off-season; Peak Season weekdays. (Fee charged each day in park.)	12.00
Night (Fee charged each day in park)	14.00
Annual (12 consecutive months)	190.00
Senior/Disabled/Former POW/Disabled Veteran Annual (12 consecutive months)	95.00

BOAT MOORING (Buoy)

Monthly: under 30 feet	320.00
30 feet & larger	385.00
Annual (12 consecutive months, any length):	2,900.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

USE FEE

BOAT SLIP OPEN (Excluding park entry)

Daily	\$40.00
Weekly	190.00
Monthly	430.00
8 Months	1,595.00
Key Security Deposit	15.00

**BOAT SLIP COVERED – 24' Length Maximum
(Excluding park entry)**

Daily	55.00
Weekly	225.00
Monthly	600.00
Annual (12 consecutive months)	2,500.00
Key Security Deposit	55.00

**BOAT SLIP COVERED –Over 24' Length
(Excluding park entry)**

Daily	60.00
Weekly	300.00
Monthly	725.00
Annual (12 consecutive months)	3,100.00
Key Security Deposit	55.00

**RV/TRAILER/BOAT STORAGE (Excluding
park entry)**

Monthly	170.00
12 Months, consecutive	895.00
Monthly – 30' Length Maximum (Concurrent with Mooring/Slip Rental)	76.00
Monthly – Over 30' (Concurrent with Mooring/Slip Rental)	110.00
Annual – 30' Length Maximum (Concurrent with Mooring/Slip Rental) (12 consecutive months)	380.00
Annual – Over 30' (Concurrent with Mooring/Slip Rental) (12 consecutive months)	520.00
Annual – concurrent with Mobile Home Space rent (12 consecutive months)	450.00
Annual – concurrent with Mobile Home Space rent (<28', 1 boat only, dry #3) (12 consecutive months)	190.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

USE FEE

FISHING ACCESS PERMIT

Daily	\$7.25
Annual	150.00

CAMPSITE (w/vehicle parking)

Nightly (Peak Season: May 1 - September 30)	38.00
Nightly (Off-season)	25.00
Second Car Parking	17.00
Weekly (Peak Season: May 1 - September 30)	185.00
Weekly (Off-season)	122.00
Second Car Weekly	85.00
14 nights (Peak Season: May 1 - September 30)	370.00
14 nights (Off-season)	245.00
Camping Reservation Fee	12.00

PREMIUM CAMPSITES

Nightly (Peak Season: May 1 – September 30)	46.00
Nightly (Off-season)	27.00
Second Car Parking	17.00
Weekly (Peak Season: May 1 – September 30)	225.00
Second Car Weekly	85.00
14 nights (Peak Season: May 1 – September 30)	450.00
14 nights (Off-season)	264.00

CAMPSITES WITH TENT STRUCTURES

8 person nightly	85.50
16 person nightly	151.00
8 person weekly	428.50
16 person weekly	662.00

**CAMPSITE (WALK-IN/BICYCLE PARKING – 8
PERSON/BIKE MAX)**

Nightly	25.50
Weekly	138.50
14 nights	262.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

USE FEE

GROUP CAMP (Nightly)

12-Person Limit	\$121.00
16-Person Limit	146.00
24-Person Limit	171.50
32-Person Limit	227.00
64-Person Limit	429.00
72-Person Limit	480.00

GROUP CAMP (Nightly, off-season)

12-Person Limit	66.00
16-Person Limit	71.00
24-Person Limit	76.50
32-Person Limit	82.00
64-Person Limit	159.00
72-Person Limit	205.00

**EQUESTRIAN – TURKEY HILL – 2 HORSES
PER SINGLE SITE – “NO OFF-SEASON
DISCOUNTS”**

General Assembly Area	100.00
Turkey Hill Single	65.50
Turkey Hill Double	126.00
Turkey Hill Triple	151.50
Turkey Hill Quad	202.00
Entire Turkey Hill (includes assembly area)	730.00

RV SITE

Nightly	58.00
Weekly	333.50
Monthly	685.00
Season (6-Month Max)	1970.00
Premium Sites (Peak Season)	64.00
Premium Sites Weekly (Peak Season)	360.50

TOWING

Camanche Recreation Area per hour	165.00
-----------------------------------	--------

MISCELLANEOUS

Camanche Recreation Area Lake Tours	15.00
-------------------------------------	-------



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

USE FEE

BOAT/VESSEL DECONTAMINATION

Vessel decontamination (up to 30')	\$35.00
Vessels over 30' in length	35.00 + 5.00 for each 5' over 30'
Ballast tanks decontamination	10.00
Tank, bilge, live well decontamination only	25.00
PWC storage area decontamination only	25.00
Kayaks and Canoes decontamination	25.00

COTTAGE/MOTEL GENERAL

Camanche Recreation Area – Security Deposit	200.00
Additional Guest Charge (to maximum occupancy)	20.00

COTTAGE (4-Person Base)

May – Sept: Night	200.00
Week	1,050.00
Oct – April: Night	135.00
Week	710.00
Month	1,900.00

COTTAGE (6-Person Base)

May – Sept: Night	260.00
Week	1,365.00
Oct – April: Night	170.00
Week	892.50
Month	2,100.00

PARK MODEL (4-Person)

May – Sept: Night	300.00
Week	1,575.00
Oct – April: Night	225.00
Week	1,181.00
Month	3,000.00

**RESORT RENTAL (4 BEDROOM, 14 PERSON
MAX)**

May – Sept: Night	445.00
Week	2,340.00
Oct – April: Night	235.00
Week	1,235.00



RECREATION USE FEES FOR 2023
January – December 2023
 EFFECTIVE 07/01/23

**CAMANCHE RESERVOIR – NORTH SHORE
 AND SOUTH SHORE RECREATION AREAS
 (continued)**

USE FEE

MOBILE HOME (MONTHLY)

3 bedroom

\$929.77 +
HUD FMR²

MOBILE HOME SPACES (MONTHLY)

North Shore 1A

511.07* +
HUD FMR²

North Shore 1B

537.79* +
HUD FMR²

North Shore 2

618.02* +
HUD FMR²

South Shore

540.79* +
HUD FMR²

*Mobile homes registered through Amador County receive a \$2.50 credit on their monthly rent to reflect their payment of fire-related fees.

**OTHER MOBILE HOME FEES (Per Space –
 Monthly)**

Guest Fee

75.00

Late Rent/Returned Check Fee

50.00

FACILITY RENTAL

Lakeside Hall Daily (hall only)

825.00

Lakeside Hall Daily (kitchen & service ware
 included)

1,200.00

Lakeside Hall Cleaning and Equipment Deposit

1,000.00

Camanche Clubhouse Rental (North Shore)

195.00

Camanche Clubhouse Rental (South Shore)

140.00

²HUD FMR is the Housing and Urban Development Fair Market Rents Index which is published by HUD each October. The mobile home rental space rate will be adjusted annually based on the percent change in the HUD FMR index for 2-bedroom homes averaged for Amador and Calaveras Counties.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

Camanche Reservoir – North and South Shore Recreation Area Discounts, Special Programs, Limitations

Concessionaire Employees receive free entrance to and use of rental boats during off-hours, a 20% discount on food and merchandise, and a camping discount equal to the car entrance fee. Limited to one free vehicle entry and one free boat rental per employee per day.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Current Camanche Regional Park Advisory Board members and active field public safety personnel in Amador, Calaveras and San Joaquin County receive free day use entry.

Senior/Disabled receive 50% discount on annual entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Active, reserve, retired, and veteran military personnel receive 20% discount on day use entry, boat rentals, (excluding rental of the party barge), camping and short-term (14-day) RV sites and lodging. Military identification required. Discount may not be combined with other offers.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Mobilehome Park Tenants receive 50% off non-holiday weekday boat rentals and additional 25% off for qualifying Senior/Disabled/Former POW/Disabled Veteran tenants; special additional incentives for non-holiday Tuesday boat rentals; a 40% discount on off-season monthly open slip, covered slip and mooring buoy fees; and a 10% discount on regularly priced marina/store items not including fishing access permits, fishing license, prepared food/beverage, gasoline and propane.

Groups of four or less individuals meeting the criteria for disabled discounts shall be eligible to rent the 6-person ADA cottages at Camanche for the 4-person cottage rate.

Turkey Hill Equestrian Campground single site customers renting larger spaces due to single sites being occupied shall be charged the lesser prorated rate.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry and camping fees.

Short-term visitor passes may be issued for periods up to one-hour.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

Camanche Reservoir – North and South Shore Recreation Area Discounts, Special Programs, Limitations (continued)

Campsite charges include one vehicle entry, and RV site charges include a second/tow vehicle. Monthly and Seasonal RV Park fees include one vehicle entry, but do not include electricity charge. Electricity is metered and charged separately. Each of the daily charges, except the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from one hour before sunrise until one hour after sunset.

Fishing access permits are valid until midnight of said day.

Each of the weekly charges shall be valid and effective for the calendar week in which the charge is made, terminating at 1:00 p.m. on the seventh consecutive day of said period. The seasonal charges noted for each recreation area shall be valid and effective for a period not exceeding 24 consecutive hours and terminating at 1:00 p.m. during said period.

Check out time for all RV sites is 1:00 p.m.

Peak Season is May 1 – September 30. Off-season is October 1 – April 30.

Premium Campsite or Premium RV site is a site that due to enhanced amenities, waterfront access or other special features is rented at a higher rate than a standard site.

Standard campsites may have a maximum of 8 people and 2 vehicles.

Short-term visitor passes may be issued for periods of up to one-hour.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

LAFAYETTE RECREATION AREA

USE FEE

**ENTRY AND PARKING –
CAR/MOTORCYCLE/SMALL VAN**

Daily	\$7.00
Annual (new or renewal)	120.00
Annual (new or renewal) 2 years	240.00
Replacement hang-tag (Replacement limited to 1 hang-tag per year)	25.00
Parking Meters 1/2 hour Senior/Disabled	0.75
Season (new or renewal)	80.00
Season (new or renewal) 2 years	160.00

**ENTRY AND PARKING –
LARGE VANS AND BUSES**

Large Vans – 10-20 Passengers	18.00
Buses – 21+ Passengers	33.00

DOG (no charge)

COMMERCIAL USES (in addition to the base fee noted below, the Director of Water and Natural Resources may set an additional fee to recover the District's direct costs plus overhead)

Commercial Use	
Small (up to 10 people)	100.00
Medium (from 11 to 50 people)	500.00
Large (from 51 to 150 people)	1,000.00

BOAT LAUNCH

Daily	4.00
Annual	50.00
Boat Inspection Fee	6.00

FISHING ACCESS

Daily	5.00
-------	------

GROUP PICNIC

Small Site (Weekend/Holiday)	200.00
Small Site (Weekday/Non-Holiday)	100.00
Large Site (Weekend/Holiday)	350.00
Large Site (Weekday/Non-Holiday)	175.00
Special Events Fee	500.00 + \$1/participant



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

Lafayette Reservoir – Discounts, Special Programs, Limitations

District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Senior/Disabled receive 50% discount on boat launch fees and on non-holiday weekday boat rentals. Senior rates are for individuals with a drivers' license showing age 62 or older.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

PARDEE RECREATION AREA	<u>USE FEE</u>
VEHICLE ENTRY AND PARKING – CAR/MOTORCYCLE/SMALL VAN	
Daily/Nightly (Non-Camping)	\$10.00
Season	118.00
Combined Car/Boat Daily	16.00
VEHICLE ENTRY AND PARKING – LARGE VANS AND BUSES	
Large Vans – 10-20 Passengers	22.00
Buses – 21+ Passengers	38.00
DOG	
Daily (Fee charged each day in park)	5.00
Season (Concurrent with Season Parking Pass)	50.00
STANDARD BOAT LAUNCH	
Daily (Fee charged each day in park)	10.00
Season	110.00
CARTOP BOAT LAUNCH (Float Tube, Kayak, Canoe, Scull)	
Daily	5.00
Season	44.00
BOAT SLIP (excluding park entry)	
Daily	10.00
Weekly	50.00
Monthly	120.00
Season	690.00
Season (concurrent with season RV)	640.00
FISHING ACCESS	
Daily	7.25
Annual	200.00
MISCELLANEOUS	
RV/Campsite Reservation Fee	10.00
STANDARD CAMPSITE (w/vehicle parking)	
Nightly	25.00
Second Car Parking	10.00
Weekly	150.00
Second Car Parking	60.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

PARDEE RECREATION AREA (continued)	<u>USE FEE</u>
PREMIUM CAMPSITE (w/vehicle parking)	
Nightly	\$30.00
Weekly	180.00
CAMPSITE (walk-in/bicycle parking) (8 person/8 bike maximum)	
Nightly	23.00
Weekly	138.00
DOUBLE CAMPSITE (16 people/2 vehicles)	
Nightly	50.00
Third or Fourth Vehicle	10.00
RV SITE	
Nightly	40.00
Weekly	240.00
Monthly	520.00
Season	4,095.00
Season – Premium Site	4,225.00
RV/TRAILER/BOAT STORAGE (excluding park entry)	
Weekly	30.00
Monthly	70.00
Season	510.00
Season – concurrent with season RV site	445.00
12-Month Consecutive	670.00
TOWING	80.00
RESERVABLE SITE/FACILITY (charges in addition to above fees)	
Small (25 or less people)	70.00
Medium (26-100 people)	100.00
Large (101-150 people)	150.00
Over 150 people	265.00
Café/Pool Day Use Area (refundable deposit)	60.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

PARDEE RESERVOIR – DISCOUNTS, SPECIAL PROGRAMS, LIMITATIONS

Concessionaire Employees receive free entrance to and use of rental boats during off-season hours, a 20% discount on food and merchandise, and a camping discount equal to the car entrance fee. Limited to one free vehicle entry and one free boat rental per employee per day.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Current Camanche Regional Park Advisory Board members and active field public safety personnel in Amador, Calaveras and San Joaquin County receive free day use entry.

Senior/Disabled receive 50% discount on annual entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Active, reserve, retired, and veteran military personnel receive 20% discount on day use entry, boat rentals, (excluding Deluxe Pontoon), and dry camping (excluding RV hook-up sites). Military identification required. Discount may not be combined with other offers.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry and camping fees.

Campsite charges include one vehicle entry, and RV site charges include a second/tow vehicle.

Monthly and Seasonal RV Park fees include one vehicle entry, but do not include electricity charge. Electricity is metered and charged separately.

Each of the daily charges, except the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from one hour before sunrise until one hour after sunset. Fishing access permits are valid until midnight of said day.

Each of the weekly charges shall be valid and effective for the calendar week in which the charge is made, terminating at 1:00 p.m. on the seventh consecutive day of said period.

Each of the nightly charges shall be valid and effective for a period not exceeding 24 consecutive hours and terminating at 1:00 p.m. during said period.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

PARDEE RESERVOIR – DISCOUNTS, SPECIAL PROGRAMS, LIMITATIONS
(continued)

Premium Campsite or Premium RV site is a site that due to enhanced amenities, waterfront access or other special features is rented at a higher rate than a standard site.

Standard campsites may have a maximum of 8 people and 2 vehicles.

Short-term visitor passes may be issued for periods up to one hour.



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

SAN PABLO RECREATION AREA	<u>USE FEE</u>
ENTRY AND PARKING – CAR/MOTORCYCLE/SMALL VAN	
Daily	\$7.00
Daily (Special Events)	5.00
Season	120.00
ENTRY AND PARKING – LARGE VANS AND BUSES	
Large Vans – 10-20 Passengers	22.00
Buses – 21+ Passengers	40.00
DOG	3.00
COMMERCIAL USES (in addition to the base fee noted below, the Director of Water and Natural Resources may set an additional fee to recover the District’s direct costs plus overhead)	
Small (up to 10 people)	120.00
Medium (from 11 to 50 people)	600.00
Large (from 51 to 150 people)	1,200.00
STANDARD BOAT LAUNCH	
Daily	8.00
Season (Entry & Boat Launch)	170.00
Boat Inspection Fee	6.00
CARTOP BOAT LAUNCH (Float Tube, Kayak, Canoe, Scull)	
Daily	4.00
Season (Entry and Cartop Launch)	124.00
FISHING ACCESS	
Daily	6.00
GROUP PICNIC	
Large Sites (Oaks) daily	300.00
Large Sites (Pines) daily	200.00
GAZEBO	90.00
TOWING	50.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

SAN PABLO RECREATION AREA (continued)

USE FEE

VISITOR CENTER & DECK RENTAL

Weekday	\$200.00
2 consecutive days	350.00
3 consecutive days	500.00
Weekday Evening (minimum charge for up to 3 hours)	250.00
Extra hours	70.00
Weekend Evening (minimum charge for up to 5 hours)	400.00
Extra hours	70.00
Event Cleaning and Damage Deposit	350.00



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

SAN PABLO RESERVOIR – Discounts, Special Programs, Limitations

Concessionaire Employees receive free entrance to and use of rental boats during off-season hours, a 20% discount on food and merchandise. The discount is limited to one free vehicle entry and one free boat rental per employee per day. To qualify, a concession employee must work a minimum of 20 hours per week, Sunday through Saturday.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Each of the daily charges, including the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from the time the park opens until it closes each day.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry fees.

Senior/Disabled receive 50% discount on seasonal and 3-month entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Unless determined otherwise, the recreation season is mid-February through November (dates selected by concessionaire with District approval).



RECREATION USE FEES FOR 2023
January – December 2023
EFFECTIVE 07/01/23

WATERSHED TRAIL SYSTEM

USE FEE

WATERSHED TRAILS

Daily Permit	\$3.00
Annual Permit	10.00
Three-Year Permit	20.00
Five-Year Permit	30.00
Low-income Annual Permit	0.00

Recreation Use Fees
Calendar Year 2024



RECREATION USE FEES FOR 2024³
January – December 2024³¹
EFFECTIVE 01/01/24³

The following fees apply to use of the District's recreation facilities at Camanche Hills Hunting Preserve, Camanche Reservoir, Lafayette Reservoir, Pardee Reservoir, San Pablo Reservoir and on the District's Watershed Trail System.

All other (not included in this schedule) charges and fees for merchandise and services provided to the public in connection with the public uses of the recreation areas and facilities thereat shall be determined by the concessionaire or the District and shall be reasonable and consistent with charges for similar merchandise and services at similar locations.

General Discount Program – Discounts from fees listed may be offered ~~in-order~~ to attract new customers and/or improve revenues. General discounts will be applied for specified time frames and apply fairly and uniformly. General discounts must be approved by the Director of Water and Natural Resources Department in advance.

District employees, retirees and immediate family receive free vehicle entry and boat launch, and a camping discount equal to the car entry fee (limit one per day).

Volunteer Discount Program – Free one-year Trail Use Permit and 50% discount on vehicle entry/parking and boat launch for those who contribute an annual minimum of 20 hours of volunteer work while participating in a District Volunteer Program.

Distinguished Veteran Discount Program – Holders of the California State Parks Distinguished Veteran Pass receive free day use and boat launch at all District recreation areas.

Fishing Access Permits are required for persons 16 years of age or older. Up to four children 15 years and under and accompanied by a person who possesses a valid CA fishing license and daily fishing access permit, may fish under that fishing access permit subject to the daily possession limit of the permit holder. Every accompanied child, over the allowed number of four, must have individual fishing access permits. Each child not accompanied by a fishing access permit holding adult must obtain his/her own fishing access permit.

No Fishing Access Permit is required on the two annual California Department of Fish and Wildlife Free Fishing Days.

¹Fee years are by calendar year for all locations except the Camanche Hills Hunting Preserve where fees are implemented earlier for the hunting year October 1 - September 30.



RECREATION USE FEES FOR 2024
January – December 2024~~3~~
 EFFECTIVE 01/01/24~~3~~

CAMANCHE HILLS HUNTING PRESERVE¹	<u>Current CY23</u>	<u>Proposed CY24</u>
PRESERVE LICENSE:		
Initiation Fee (Family)	\$3,495.00	\$3,495.00
Initiation Fee (Corporate)	3,495.00	3,495.00
Annual Maintenance (Family)	300.00	300.00
Annual Maintenance (Corporate)	600.00	600.00
LICENSED GUIDE GOOSE HUNT (PER PERSON/HUNT)	200.00	200.00
BIRD PROCESSING: (PRICE PER EACH)		
Pheasant	4.50	<u>5.00</u>
Chukar	4.50	<u>5.00</u>
20-bird card (pheasant and chukar) for 20	70.00	70.00
Duck	5.00	<u>5.50</u>
Goose	10.00	10.00
Smoking (all birds)	7.50	7.50
DOG RENTAL		
Half Day	75.00	<u>100.00</u>
Full Day	140.00	<u>175.00</u>
Special Hunt	140.00	<u>175.00</u>
SPORTING CLAYS		
Full Round Course (100 targets)	42.00	42.00
Half Round Course (50 targets)	23.00	23.00
25 targets (5-Stand/Grouse bunker)	9.00	9.00
5 targets (Skeet/trap)	6.00	6.00
ARCHERY RANGE AND COURSE		
7 Station 3-D Target Course Per person	10.00	<u>12.00</u>
FISHING ACCESS TO RABBIT CREEK ARM OF CAMANCHE LAKE AND FARM PONDS LOCATED ON CHHP RECREATIONAL AREA		
Public Fishing Access	10.00	10.00
CHHP Members Access	5.00	5.00
FISHING ACCESS TO RABBIT CREEK ARM OF CAMANCHE LAKE		
Public Fishing Access: Bow for Carp	10.00	10.00

¹Fee years are by calendar year for all locations except the Camanche Hills Hunting Preserve where fees are implemented earlier for the hunting year October 1 - September 30.



RECREATION USE FEES FOR 2024
January – December 2024~~3~~
EFFECTIVE 01/01/24~~3~~

**CAMANCHE HILLS HUNTING PRESERVE
(continued)**

Current CY23

Proposed CY24

RV PARKING AREA

Nightly	\$6.00	<u>\$10.00</u>
Clubhouse Rental (daily)	500.00	500.00
Kitchen Rental (daily)	500.00	500.00
Grounds (daily)	500.00	500.00



RECREATION USE FEES FOR 2024
January – December 2024~~3~~
EFFECTIVE 01/01/24~~3~~

Camanche Hills Hunting Preserve Discounts, Special Programs and Limitations

Pricing for planted bird hunting will be reviewed and approved by the Director of Water and Natural Resources.

Free bird hunting and sporting clays shooting is offered to the communications media, based on the availability of birds and sporting clays course.

Free use of the facilities is offered to non-profit hunting organizations for family, disabled and junior hunting functions.

A target shooting (sporting clay, trap, 5-stand and bunkers) discount of 15% is offered to Senior, Disabled, and active or retired military visitors.

A target shooting discount of 50% is offered to Distinguished Veteran Pass holders.

A driven pheasant shoot discount of 15% is offered to Senior, Disabled, active or retired military, and Distinguished Veteran Pass holders.

An RV parking discount of 50% is offered to Senior, Disabled and Distinguished Veteran Pass holders.

Daily field trial events are permitted on a limited basis. Fees range from \$0 for qualified non-profit organizations to a maximum of \$200.00.

EBMUD employees and retirees, concession employees and Tri-County (Amador, Calaveras and San Joaquin) Public Safety Personnel receive a 20% discount on food purchases and a 10% discount on sporting clays.

Discounts and incentives are separate and cannot be combined for a larger discount or incentive.



RECREATION USE FEES FOR 2024

January – December 2024³

EFFECTIVE 01/01/24³

CAMANCHE RESERVOIR – NORTH SHORE AND SOUTH SHORE RECREATION AREAS

Current CY23

Proposed CY24

VEHICLE ENTRY/PARKING

CAR/MOTORCYCLE/SMALL VAN

Daily (Peak Season: May 1-September 30, weekends and holidays)	\$18.00	<u>\$19.75</u>
Daily (Off-season, Peak Season weekdays)	12.00	12.00
Nightly (non-camping)	12.00	12.00
Annual (12 consecutive months)	225.00	225.00
Annual Senior/Disabled/Former POW/Disabled Veteran (12 Consecutive Months)	112.50	112.50
Combined Car/Boat Daily (Peak Season: May 1-September 30, weekends and holidays)	21.00	<u>23.00</u>
Combined Car/Boat Daily (Off-season, weekdays)	17.50	17.50
Annual Marina Overnight/Day Use (12 consecutive months)	245.00	245.00

VEHICLE ENTRY/PARKING LARGE VANS AND BUSES

Large Vans – 10-20 Passengers	23.00	23.00
Buses – 21+ Passengers	44.00	44.00

DOG

Daily (Fee charged each day in park)	6.50	6.50
Annual (12 consecutive months concurrent with Annual Parking Pass)	55.00	55.00

BOAT LAUNCH

Daily Peak Season (May 1- Sept 30), weekends and holidays. (Fee charged each day in park.)	15.50	<u>17.00</u>
Daily Off-season; Peak Season weekdays. (Fee charged each day in park.)	12.00	12.00
Night (Fee charged each day in park)	14.00	14.00
Annual (12 consecutive months)	190.00	190.00
Senior/Disabled/Former POW/Disabled Veteran Annual (12 consecutive months)	95.00	95.00

BOAT MOORING (Buoy)

Monthly: under 30 feet	320.00	320.00
30 feet & larger	385.00	385.00
Annual (12 consecutive months, any length):	2,900.00	2,900.00



RECREATION USE FEES FOR 2024

January – December 2024³

EFFECTIVE 01/01/24³

CAMANCHE RESERVOIR – NORTH SHORE AND SOUTH SHORE RECREATION AREAS (continued)

Current CY23

Proposed CY24

BOAT SLIP OPEN (Excluding park entry)

Daily	\$40.00	\$40.00
Weekly	190.00	190.00
Monthly	430.00	430.00
8 Months	1,595.00	1,595.00
Key Security Deposit	15.00	15.00

BOAT SLIP COVERED – 24' Length Maximum (Excluding park entry)

Daily	55.00	55.00
Weekly	225.00	225.00
Monthly	600.00	600.00
Annual (12 consecutive months)	2,500.00	2,500.00
Key Security Deposit	55.00	55.00

BOAT SLIP COVERED –Over 24' Length (Excluding park entry)

Daily	60.00	60.00
Weekly	300.00	300.00
Monthly	725.00	725.00
Annual (12 consecutive months)	3,100.00	3,100.00
Key Security Deposit	55.00	55.00

RV/TRAILER/BOAT STORAGE (Excluding park entry)

Monthly	170.00	170.00
12 Months, consecutive	895.00	895.00
Monthly – 30' Length Maximum (Concurrent with Mooring/Slip Rental)	76.00	76.00
Monthly – Over 30' (Concurrent with Mooring/Slip Rental)	110.00	110.00
Annual – 30' Length Maximum (Concurrent with Mooring/Slip Rental) (12 consecutive months)	380.00	380.00
Annual – Over 30' (Concurrent with Mooring/Slip Rental) (12 consecutive months)	520.00	520.00
Annual – concurrent with Mobile Home Space rent (12 consecutive months)	450.00	450.00
Annual – concurrent with Mobile Home Space rent (<28', 1 boat only, dry #3) (12 consecutive months)	190.00	190.00



RECREATION USE FEES FOR 2024
January – December 2024³
EFFECTIVE 01/01/24³

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

Current CY23

Proposed CY24

FISHING ACCESS PERMIT

Daily	\$7.25	<u>\$7.75</u>
Annual	150.00	<u>160.00</u>

CAMPSITE (w/vehicle parking)

Nightly (Peak Season: May 1 - September 30)	38.00	<u>41.75</u>
Nightly (Off-season)	25.00	25.00
Second Car Parking	17.00	<u>18.00</u>
Weekly (Peak Season: May 1 - September 30)	185.00	185.00
Weekly (Off-season)	122.00	122.00
Second Car Weekly	85.00	85.00
14 nights (Peak Season: May 1 - September 30)	370.00	370.00
14 nights (Off-season)	245.00	245.00
Camping Reservation Fee	12.00	<u>13.00</u>

PREMIUM CAMPSITES

Nightly (Peak Season: May 1 – September 30)	46.00	<u>50.00</u>
Nightly (Off-season)	27.00	27.00
Second Car Parking	17.00	<u>18.00</u>
Weekly (Peak Season: May 1 – September 30)	225.00	225.00
Second Car Weekly	85.00	85.00
14 nights (Peak Season: May 1 – September 30)	450.00	450.00
14 nights (Off-season)	264.00	264.00

CAMPSITES WITH TENT STRUCTURES

8 person nightly	85.50	85.50
8 person weekly	428.50	428.50
16 person nightly	151.00	151.00
16 person weekly	662.00	662.00

**CAMPSITE (WALK-IN/BICYCLE PARKING – 8
PERSON/BIKE MAX)**

Nightly	25.50	25.50
Weekly	138.50	138.50
14 nights	262.00	262.00



RECREATION USE FEES FOR 2024
January – December 2024³
EFFECTIVE 01/01/24³

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

Current CY23

Proposed CY24

GROUP CAMP (Nightly)

12-Person Limit	\$121.00	<u>\$133.00</u>
16-Person Limit	146.00	<u>161.00</u>
24-Person Limit	171.50	<u>189.00</u>
32-Person Limit	227.00	<u>250.00</u>
64-Person Limit	429.00	<u>474.00</u>
72-Person Limit	480.00	<u>525.00</u>

GROUP CAMP (Nightly, off-season)

12-Person Limit	66.00	66.00
16-Person Limit	71.00	71.00
24-Person Limit	76.50	76.50
32-Person Limit	82.00	82.00
64-Person Limit	159.00	159.00
72-Person Limit	205.00	205.00

**EQUESTRIAN – TURKEY HILL – 2 HORSES
PER SINGLE SITE – “NO OFF-SEASON
DISCOUNTS”**

General Assembly Area	100.00	100.00
Turkey Hill Single	65.50	65.50
Turkey Hill Double	126.00	126.00
Turkey Hill Triple	151.50	151.50
Turkey Hill Quad	202.00	202.00
Entire Turkey Hill (includes assembly area)	730.00	730.00

RV SITE

Nightly	58.00	<u>64.00</u>
Weekly	333.50	333.50
Monthly	685.00	685.00
Season (6-Month Max)	1,970.00	<u>2,175.00</u>
Premium Sites (Peak Season)	64.00	<u>70.00</u>
Premium Sites Weekly (Peak Season)	360.50	360.50

TOWING

Camanche Recreation Area per hour	165.00	165.00
-----------------------------------	--------	--------

MISCELLANEOUS

Camanche Recreation Area Lake Tours	15.00	15.00
-------------------------------------	-------	-------



RECREATION USE FEES FOR 2024

January – December 2024³

EFFECTIVE 01/01/24³

CAMANCHE RESERVOIR – NORTH SHORE AND SOUTH SHORE RECREATION AREAS (continued)

Current CY23

Proposed CY24

BOAT/VESSEL DECONTAMINATION

Vessel decontamination (up to 30')	\$35.00	\$35.00
Vessels over 30' in length	35.00 + 5.00 for each 5' over 30'	35.00 + 5.00 for each 5' over 30'
Ballast tanks decontamination	10.00	10.00
Tank, bilge, live well decontamination only	25.00	25.00
PWC storage area decontamination only	25.00	25.00
Kayaks and Canoes decontamination	25.00	25.00

COTTAGE/MOTEL GENERAL

Camanche Recreation Area – Security Deposit	200.00	200.00
Additional Guest Charge (to maximum occupancy)	20.00	20.00

COTTAGE (4-Person Base)

May – Sept: Night	200.00	200.00
Week	1,050.00	1,050.00
Oct – April: Night	135.00	135.00
Week	710.00	710.00
Month	1,900.00	1,900.00

COTTAGE (6-Person Base)

May – Sept: Night	260.00	260.00
Week	1,365.00	1,365.00
Oct – April: Night	170.00	170.00
Week	892.50	892.50
Month	2,100.00	2,100.00

PARK MODEL (4-Person)

May – Sept: Night	300.00	300.00
Week	1,575.00	1,575.00
Oct – April: Night	225.00	225.00
Week	1,181.00	1,181.00
Month	3,000.00	3,000.00

RESORT RENTAL (4 BEDROOM, 14 PERSON MAX)

May – Sept: Night	445.00	445.00
Week	2,340.00	2,340.00
Oct – April: Night	235.00	235.00
Week	1,235.00	1,235.00



RECREATION USE FEES FOR 2024
January – December 2024³
 EFFECTIVE 01/01/24³

**CAMANCHE RESERVOIR – NORTH SHORE
 AND SOUTH SHORE RECREATION AREAS
 (continued)**

MOBILE-HOME (MONTHLY)

3 bedroom

Current CY23

Proposed CY24

~~\$929.77~~ +
~~HUD-FMR²~~

CY23 Rate +
HUD FMR²

MOBILE-HOME SPACES (MONTHLY)

North Shore 1A

~~511.07~~ +
~~HUD-FMR²~~

CY23 Rate +
HUD FMR²

North Shore 1B

~~537.79~~ +
~~HUD-FMR²~~

CY23 Rate +
HUD FMR²

North Shore 2

~~618.02~~ +
~~HUD-FMR²~~

CY23 Rate +
HUD FMR²

South Shore

~~540.79~~ +
~~HUD-FMR²~~

CY23 Rate +
HUD FMR²

*Mobile-homes registered through Amador County receive a \$2.50 credit on their monthly rent to reflect their payment of fire-related fees.

OTHER MOBILE-HOME FEES (Per Space – Monthly)

Guest Fee

75.00

75.00

Late Rent/Returned Check Fee

50.00

50.00

FACILITY RENTAL

Lakeside Hall Daily (hall only)

825.00

825.00

Lakeside Hall Daily (kitchen & service ware included)

1,200.00

1,200.00

Lakeside Hall Cleaning and Equipment Deposit

1,000.00

1,000.00

Camanche Clubhouse Rental (North Shore)

195.00

195.00

Camanche Clubhouse Rental (South Shore)

140.00

140.00

²HUD FMR is the Housing and Urban Development Fair Market Rents Index which is published by HUD each October. The mobile-home rental space rate will be adjusted annually based on the percent change in the HUD FMR index for 2-bedroom homes averaged for Amador and Calaveras Counties.



RECREATION USE FEES FOR 2024
January – December 2024~~3~~
EFFECTIVE 01/01/24~~3~~

Camanche Reservoir – North and South Shore Recreation Area Discounts, Special Programs, Limitations

Concessionaire Employees receive free entrance to and use of rental boats during off-hours, a 20% discount on food and merchandise, and a camping discount equal to the car entrance fee. Limited to one free vehicle entry and one free boat rental per employee per day.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Current Camanche Regional Park Advisory Board members and active field public safety personnel in Amador, Calaveras and San Joaquin County receive free day use entry.

Senior/Disabled receive 50% discount on annual entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Active, reserve, retired, and veteran military personnel receive 20% discount on day use entry, boat rentals, (excluding rental of the party barge), camping and short-term (14-day) RV sites and lodging. Military identification required. Discount may not be combined with other offers.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Mobilehome Park Tenants receive 50% off non-holiday weekday boat rentals and additional 25% off for qualifying Senior/Disabled/Former POW/Disabled Veteran tenants; special additional incentives for non-holiday Tuesday boat rentals; a 40% discount on off-season monthly open slip, covered slip and mooring buoy fees; and a 10% discount on regularly priced marina/store items not including fishing access permits, fishing license, prepared food/beverage, gasoline and propane.

Groups of four or less individuals meeting the criteria for disabled discounts shall be eligible to rent the 6-person ADA cottages at Camanche for the 4-person cottage rate.

Turkey Hill Equestrian Campground single site customers renting larger spaces due to single sites being occupied shall be charged the lesser prorated rate.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry and camping fees.

Short-term visitor passes may be issued for periods up to one-hour.



RECREATION USE FEES FOR 2024
January – December 2024~~3~~
EFFECTIVE 01/01/24~~3~~

Camanche Reservoir – North and South Shore Recreation Area Discounts, Special Programs, Limitations (continued)

Campsite charges include one vehicle entry, and RV site charges include a second/tow vehicle. Monthly and Seasonal RV Park fees include one vehicle entry, but do not include electricity charge. Electricity is metered and charged separately. Each of the daily charges, except the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from one hour before sunrise until one hour after sunset.

Fishing access permits are valid until midnight of said day.

Each of the weekly charges shall be valid and effective for the calendar week in which the charge is made, terminating at 1:00 p.m. on the seventh consecutive day of said period. The seasonal charges noted for each recreation area shall be valid and effective for a period not exceeding 24 consecutive hours and terminating at 1:00 p.m. during said period.

Check out time for all RV sites is 1:00 p.m.

Peak Season is May 1 – September 30. Off-season is October 1 – April 30.

Premium Campsite or Premium RV site is a site that due to enhanced amenities, waterfront access or other special features is rented at a higher rate than a standard site.

Standard campsites may have a maximum of 8 people and 2 vehicles.

Short-term visitor passes may be issued for periods of up to one-hour.



RECREATION USE FEES FOR 2024

January – December 2024³

EFFECTIVE 01/01/24³

LAFAYETTE RECREATION AREA

Current CY23

Proposed CY24

**ENTRY AND PARKING –
CAR/MOTORCYCLE/SMALL VAN**

Daily	\$7.00	\$7.00
Annual (new or renewal)	120.00	120.00
Annual (new or renewal) 2 years	240.00	240.00
Replacement hang-tag (Replacement limited to 1 hang-tag per year)	25.00	25.00
Parking Meters 1/2 hour Senior/Disabled	0.75	0.75
Season (new or renewal)	80.00	80.00
Season (new or renewal) 2 years	160.00	160.00

**ENTRY AND PARKING –
LARGE VANS AND BUSES**

Large Vans – 10-20 Passengers	18.00	18.00
Buses – 21+ Passengers	33.00	33.00

DOG (no charge)

COMMERCIAL USES (in addition to the base fee noted below, the Director of Water and Natural Resources may set an additional fee to recover the District’s direct costs plus overhead)

Commercial Use		
Small (up to 10 people)	100.00	100.00
Medium (from 11 to 50 people)	500.00	500.00
Large (from 51 to 150 people)	1,000.00	1,000.00

BOAT LAUNCH

Daily	4.00	4.00
Annual	50.00	50.00
Boat Inspection Fee	6.00	6.00

FISHING ACCESS

Daily	5.00	5.00
-------	------	------

GROUP PICNIC

Small Site (Weekend/Holiday)	200.00	200.00
Small Site (Weekday/Non-Holiday)	100.00	100.00
Large Site (Weekend/Holiday)	350.00	350.00
Large Site (Weekday/Non-Holiday)	175.00	175.00
Special Events Fee	500.00 + \$1/participant	500.00 + \$1/participant



RECREATION USE FEES FOR 2024
January – December 2024~~3~~
EFFECTIVE 01/01/24~~3~~

Lafayette Reservoir – Discounts, Special Programs, Limitations

District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Senior/Disabled receive 50% discount on boat launch fees and on non-holiday weekday boat rentals. Senior rates are for individuals with a drivers' license showing age 62 or older.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.



RECREATION USE FEES FOR 2024

January – December 2024³

EFFECTIVE 01/01/24³

PARDEE RECREATION AREA	<u>Current CY23</u>	<u>Proposed CY24</u>
VEHICLE ENTRY AND PARKING – CAR/MOTORCYCLE/SMALL VAN		
Daily/Nightly (Non-Camping)	\$10.00	\$10.00
Season	118.00	118.00
Combined Car/Boat Daily	16.00	16.00
VEHICLE ENTRY AND PARKING – LARGE VANS AND BUSES		
Large Vans – 10-20 Passengers	22.00	22.00
Buses – 21+ Passengers	38.00	38.00
DOG		
Daily (Fee charged each day in park)	5.00	5.00
Season (Concurrent with Season Parking Pass)	50.00	50.00
STANDARD BOAT LAUNCH		
Daily (Fee charged each day in park)	10.00	10.00
Season	110.00	110.00
CARTOP BOAT LAUNCH (Float Tube, Kayak, Canoe, Scull)		
Daily	5.00	5.00
Season	44.00	44.00
BOAT SLIP (excluding park entry)		
Daily	10.00	10.00
Weekly	50.00	50.00
Monthly	120.00	120.00
Season	690.00	690.00
Season (concurrent with season RV)	640.00	640.00
FISHING ACCESS		
Daily	7.25	7.25
Annual	200.00	200.00
MISCELLANEOUS		
RV/Campsite Reservation Fee	10.00	10.00
STANDARD CAMPSITE (w/vehicle parking)		
Nightly	25.00	25.00
Second Car Parking	10.00	10.00
Weekly	150.00	150.00
Second Car Parking	60.00	60.00



RECREATION USE FEES FOR 2024

January – December 2024³

EFFECTIVE 01/01/24³

PARDEE RECREATION AREA (continued)	<u>Current CY23</u>	<u>Proposed CY24</u>
PREMIUM CAMPSITE (w/vehicle parking)		
Nightly	\$30.00	\$30.00
Weekly	180.00	180.00
CAMPSITE (walk-in/bicycle parking) (8 person/8 bike maximum)		
Nightly	23.00	23.00
Weekly	138.00	138.00
DOUBLE CAMPSITE (16 people/2 vehicles)		
Nightly	50.00	50.00
Third or Fourth Vehicle	10.00	10.00
RV SITE		
Nightly	40.00	40.00
Weekly	240.00	240.00
Monthly	520.00	520.00
Season	4,095.00	4,095.00
Season – Premium Site	4,225.00	4,225.00
RV/TRAILER/BOAT STORAGE (excluding park entry)		
Weekly	30.00	30.00
Monthly	70.00	70.00
Season	510.00	510.00
Season – concurrent with season RV site	445.00	445.00
12-Month Consecutive	670.00	670.00
TOWING	80.00	80.00
RESERVABLE SITE/FACILITY (charges in addition to above fees)		
Small (25 or less people)	70.00	70.00
Medium (26-100 people)	100.00	100.00
Large (101-150 people)	150.00	150.00
Over 150 people	265.00	265.00
Café/Pool Day Use Area (refundable deposit)	60.00	60.00



RECREATION USE FEES FOR 2024
January – December 2024³
EFFECTIVE 01/01/24³

PARDEE RESERVOIR – DISCOUNTS, SPECIAL PROGRAMS, LIMITATIONS

Concessionaire Employees receive free entrance to and use of rental boats during off-season hours, a 20% discount on food and merchandise, and a camping discount equal to the car entrance fee. Limited to one free vehicle entry and one free boat rental per employee per day.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Current Camanche Regional Park Advisory Board members and active field public safety personnel in Amador, Calaveras and San Joaquin County receive free day use entry.

Senior/Disabled receive 50% discount on annual entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Active, reserve, retired, and veteran military personnel receive 20% discount on day use entry, boat rentals, (excluding Deluxe Pontoon), and dry camping (excluding RV hook-up sites). Military identification required. Discount may not be combined with other offers.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry and camping fees.

Campsite charges include one vehicle entry, and RV site charges include a second/tow vehicle.

Monthly and Seasonal RV Park fees include one vehicle entry, but do not include electricity charge. Electricity is metered and charged separately.

Each of the daily charges, except the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from one hour before sunrise until one hour after sunset. Fishing access permits are valid until midnight of said day.

Each of the weekly charges shall be valid and effective for the calendar week in which the charge is made, terminating at 1:00 p.m. on the seventh consecutive day of said period.

Each of the nightly charges shall be valid and effective for a period not exceeding 24 consecutive hours and terminating at 1:00 p.m. during said period.



RECREATION USE FEES FOR 2024
January – December 2024~~3~~
EFFECTIVE 01/01/24~~3~~

PARDEE RESERVOIR – DISCOUNTS, SPECIAL PROGRAMS, LIMITATIONS (continued)

Premium Campsite or Premium RV site is a site that due to enhanced amenities, waterfront access or other special features is rented at a higher rate than a standard site.

Standard campsites may have a maximum of 8 people and 2 vehicles.

Short-term visitor passes may be issued for periods up to one hour.



RECREATION USE FEES FOR 2024
January – December 2024³
EFFECTIVE 01/01/24³

SAN PABLO RECREATION AREA	<u>Current CY23</u>	<u>Proposed CY24</u>
ENTRY AND PARKING – CAR/MOTORCYCLE/SMALL VAN		
Daily	\$7.00	\$7.00
Daily (Special Events)	5.00	5.00
Season	120.00	120.00
<u>Replacement Pass (limited to 1 pass per year)</u>		<u>25.00</u>
ENTRY AND PARKING – LARGE VANS AND BUSES		
Large Vans – 10-20 Passengers	22.00	22.00
Buses – 21+ Passengers	40.00	40.00
DOG	3.00	3.00
COMMERCIAL USES (in addition to the base fee noted below, the Director of Water and Natural Resources may set an additional fee to recover the District’s direct costs plus overhead)		
Small (up to 10 people)	120.00	120.00
Medium (from 11 to 50 people)	600.00	600.00
Large (from 51 to 150 people)	1,200.00	1,200.00
STANDARD BOAT LAUNCH		
Daily	8.00	8.00
Season (Entry & Boat Launch)	170.00	170.00
Boat Inspection Fee	6.00	6.00
CARTOP BOAT LAUNCH (Float Tube, Kayak, Canoe, Scull)		
Daily	4.00	4.00
Season (Entry and Cartop Launch)	124.00	124.00
FISHING ACCESS		
Daily	6.00	6.00
GROUP PICNIC		
Large Sites (Oaks) daily	300.00	300.00
Large Sites (Pines) daily	200.00	200.00
<u>Security Deposit</u>		<u>100.00</u>
GAZEBO, <u>Daily Rental</u>	90.00	90.00
<u>Security Deposit</u>		<u>100.00</u>
TOWING	50.00	<u>40.00</u>



RECREATION USE FEES FOR 2024
January – December 2024~~3~~
EFFECTIVE 01/01/24~~3~~

SAN PABLO RECREATION AREA (continued)

VISITOR CENTER & DECK RENTAL

Weekday	\$200.00	\$200.00
2 consecutive days	350.00	350.00
3 consecutive days	500.00	500.00
Weekday Evening (minimum charge for up to 3 hours)	250.00	250.00
Extra hours	70.00	70.00
Weekend Evening (minimum charge for up to 5 hours)	400.00	400.00
Extra hours	70.00	70.00
Event Cleaning and Damage Deposit	350.00	350.00



RECREATION USE FEES FOR 2024
January – December 2024~~3~~
EFFECTIVE 01/01/24~~3~~

SAN PABLO RESERVOIR – Discounts, Special Programs, Limitations

Concessionaire Employees receive free entrance to and use of rental boats during off-season hours, a 20% discount on food and merchandise. The discount is limited to one free vehicle entry and one free boat rental per employee per day. To qualify, a concession employee must work a minimum of 20 hours per week, Sunday through Saturday.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Each of the daily charges, including the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from the time the park opens until it closes each day.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry fees.

Senior/Disabled receive 50% discount on seasonal passes and ~~3-month entry and boat launch fees~~, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Unless determined otherwise, the recreation season is mid-February through November (dates selected by concessionaire with District approval).



RECREATION USE FEES FOR 2024
January – December 2024~~3~~
EFFECTIVE 01/01/24~~3~~

WATERSHED TRAIL SYSTEM

Current CY23

Proposed CY24

WATERSHED TRAILS

Daily Permit	\$3.00	\$3.00
Annual Permit	10.00	10.00
Three-Year Permit	20.00	20.00
Five-Year Permit	30.00	30.00
<u>Low-income Annual Permit</u>		<u>0.00</u>



RECREATION USE FEES FOR 2024
January – December 2024¹
EFFECTIVE 01/01/24

The following fees apply to use of the District's recreation facilities at Camanche Hills Hunting Preserve, Camanche Reservoir, Lafayette Reservoir, Pardee Reservoir, San Pablo Reservoir and on the District's Watershed Trail System.

All other (not included in this schedule) charges and fees for merchandise and services provided to the public in connection with the public uses of the recreation areas and facilities thereat shall be determined by the concessionaire or the District and shall be reasonable and consistent with charges for similar merchandise and services at similar locations.

General Discount Program – Discounts from fees listed may be offered to attract new customers and/or improve revenues. General discounts will be applied for specified time frames and apply fairly and uniformly. General discounts must be approved by the Director of Water and Natural Resources Department in advance.

District employees, retirees and immediate family receive free vehicle entry and boat launch, and a camping discount equal to the car entry fee (limit one per day).

Volunteer Discount Program – Free one-year Trail Use Permit and 50% discount on vehicle entry/parking and boat launch for those who contribute an annual minimum of 20 hours of volunteer work while participating in a District Volunteer Program.

Distinguished Veteran Discount Program – Holders of the California State Parks Distinguished Veteran Pass receive free day use and boat launch at all District recreation areas.

Fishing Access Permits are required for persons 16 years of age or older. Up to four children 15 years and under and accompanied by a person who possesses a valid CA fishing license and daily fishing access permit, may fish under that fishing access permit subject to the daily possession limit of the permit holder. Every accompanied child, over the allowed number of four, must have individual fishing access permits. Each child not accompanied by a fishing access permit holding adult must obtain his/her own fishing access permit.

No Fishing Access Permit is required on the two annual California Department of Fish and Wildlife Free Fishing Days.

¹Fee years are by calendar year for all locations except the Camanche Hills Hunting Preserve where fees are implemented earlier for the hunting year October 1 - September 30.



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

CAMANCHE HILLS HUNTING PRESERVE¹

PRESERVE LICENSE:

Initiation Fee (Family)	\$3,495.00
Initiation Fee (Corporate)	3,495.00
Annual Maintenance (Family)	300.00
Annual Maintenance (Corporate)	600.00

LICENSED GUIDE GOOSE HUNT (PER PERSON/HUNT) 200.00

BIRD PROCESSING: (PRICE PER EACH)

Pheasant	5.00
Chukar	5.00
20-bird card (pheasant and chukar) for 20	70.00
Duck	5.50
Goose	10.00
Smoking (all birds)	7.50

DOG RENTAL

Half Day	100.00
Full Day	175.00
Special Hunt	175.00

SPORTING CLAYS

Full Round Course (100 targets)	42.00
Half Round Course (50 targets)	23.00
25 targets (5-Stand/Grouse bunker)	9.00
5 targets (Skeet/trap)	6.00

ARCHERY RANGE AND COURSE

7 Station 3-D Target Course Per person	12.00
---	-------

**FISHING ACCESS TO RABBIT CREEK
ARM OF CAMANCHE LAKE AND FARM
PONDS LOCATED ON CHHP
RECREATIONAL AREA**

Public Fishing Access	10.00
CHHP Members Access	5.00

**FISHING ACCESS TO RABBIT CREEK
ARM OF CAMANCHE LAKE**

Public Fishing Access: Bow for Carp	10.00
-------------------------------------	-------

¹Fee years are by calendar year for all locations except the Camanche Hills Hunting Preserve where fees are implemented earlier for the hunting year October 1 - September 30.



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

CAMANCHE HILLS HUNTING PRESERVE
(continued)

RV PARKING AREA

Nightly	\$10.00
Clubhouse Rental (daily)	500.00
Kitchen Rental (daily)	500.00
Grounds (daily)	500.00



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

Camanche Hills Hunting Preserve Discounts, Special Programs and Limitations

Pricing for planted bird hunting will be reviewed and approved by the Director of Water and Natural Resources.

Free bird hunting and sporting clays shooting is offered to the communications media, based on the availability of birds and sporting clays course.

Free use of the facilities is offered to non-profit hunting organizations for family, disabled and junior hunting functions.

A target shooting (sporting clay, trap, 5-stand and bunkers) discount of 15% is offered to Senior, Disabled, and active or retired military visitors.

A target shooting discount of 50% is offered to Distinguished Veteran Pass holders.

A driven pheasant shoot discount of 15% is offered to Senior, Disabled, active or retired military, and Distinguished Veteran Pass holders.

An RV parking discount of 50% is offered to Senior, Disabled and Distinguished Veteran Pass holders.

Daily field trial events are permitted on a limited basis. Fees range from \$0 for qualified non-profit organizations to a maximum of \$200.00.

EBMUD employees and retirees, concession employees and Tri-County (Amador, Calaveras and San Joaquin) Public Safety Personnel receive a 20% discount on food purchases and a 10% discount on sporting clays.

Discounts and incentives are separate and cannot be combined for a larger discount or incentive.



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS**

VEHICLE ENTRY/PARKING

CAR/MOTORCYCLE/SMALL VAN

Daily (Peak Season: May 1-September 30, weekends and holidays)	\$19.75
Daily (Off-season, Peak Season weekdays)	12.00
Nightly (non-camping)	12.00
Annual (12 consecutive months)	225.00
Annual Senior/Disabled/Former POW/Disabled Veteran (12 Consecutive Months)	112.50
Combined Car/Boat Daily (Peak Season: May 1-September 30, weekends and holidays)	23.00
Combined Car/Boat Daily (Off-season, weekdays)	17.50
Annual Marina Overnight/Day Use (12 consecutive months)	245.00

**VEHICLE ENTRY/PARKING LARGE VANS
AND BUSES**

Large Vans – 10-20 Passengers	23.00
Buses – 21+ Passengers	44.00

DOG

Daily (Fee charged each day in park)	6.50
Annual (12 consecutive months concurrent with Annual Parking Pass)	55.00

BOAT LAUNCH

Daily Peak Season (May 1- Sept 30), weekends and holidays. (Fee charged each day in park.)	17.00
Daily Off-season; Peak Season weekdays. (Fee charged each day in park.)	12.00
Night (Fee charged each day in park)	14.00
Annual (12 consecutive months)	190.00
Senior/Disabled/Former POW/Disabled Veteran Annual (12 consecutive months)	95.00

BOAT MOORING (Buoy)

Monthly: under 30 feet	320.00
_30 feet & larger	385.00
Annual (12 consecutive months, any length):	2,900.00



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

BOAT SLIP OPEN (Excluding park entry)

Daily	\$40.00
Weekly	190.00
Monthly	430.00
8 Months	1,595.00
Key Security Deposit	15.00

**BOAT SLIP COVERED – 24’ Length Maximum
(Excluding park entry)**

Daily	55.00
Weekly	225.00
Monthly	600.00
Annual (12 consecutive months)	2,500.00
Key Security Deposit	55.00

**BOAT SLIP COVERED –Over 24’ Length
(Excluding park entry)**

Daily	60.00
Weekly	300.00
Monthly	725.00
Annual (12 consecutive months)	3,100.00
Key Security Deposit	55.00

**RV/TRAILER/BOAT STORAGE (Excluding
park entry)**

Monthly	170.00
12 Months, consecutive	895.00
Monthly – 30’ Length Maximum (Concurrent with Mooring/Slip Rental)	76.00
Monthly – Over 30’ (Concurrent with Mooring/Slip Rental)	110.00
Annual – 30’ Length Maximum (Concurrent with Mooring/Slip Rental) (12 consecutive months)	380.00
Annual – Over 30’ (Concurrent with Mooring/Slip Rental) (12 consecutive months)	520.00
Annual – concurrent with Mobilehome Space rent (12 consecutive months)	450.00
Annual – concurrent with Mobilehome Space rent (<28’, 1 boat only, dry #3) (12 consecutive months)	190.00



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

FISHING ACCESS PERMIT

Daily	\$7.75
Annual	160.00

CAMPSITE (w/vehicle parking)

Nightly (Peak Season: May 1 - September 30)	41.75
Nightly (Off-season)	25.00
Second Car Parking	18.00
Weekly (Peak Season: May 1 - September 30)	185.00
Weekly (Off-season)	122.00
Second Car Weekly	85.00
14 nights (Peak Season: May 1 - September 30)	370.00
14 nights (Off-season)	245.00
Camping Reservation Fee	13.00

PREMIUM CAMPSITES

Nightly (Peak Season: May 1 – September 30)	50.00
Nightly (Off-season)	27.00
Second Car Parking	18.00
Weekly (Peak Season: May 1 – September 30)	225.00
Second Car Weekly	85.00
14 nights (Peak Season: May 1 – September 30)	450.00
14 nights (Off-season)	264.00

CAMPSITES WITH TENT STRUCTURES

8 person nightly	85.50
8 person weekly	428.50
16 person nightly	151.00
16 person weekly	662.00

**CAMPSITE (WALK-IN/BICYCLE PARKING – 8
PERSON/BIKE MAX)**

Nightly	25.50
Weekly	138.50
14 nights	262.00



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

**CAMANCHE RESERVOIR – NORTH SHORE
AND SOUTH SHORE RECREATION AREAS
(continued)**

GROUP CAMP (Nightly)

12-Person Limit	\$133.00
16-Person Limit	161.00
24-Person Limit	189.00
32-Person Limit	250.00
64-Person Limit	474.00
72-Person Limit	525.00

GROUP CAMP (Nightly, off-season)

12-Person Limit	66.00
16-Person Limit	71.00
24-Person Limit	76.50
32-Person Limit	82.00
64-Person Limit	159.00
72-Person Limit	205.00

**EQUESTRIAN – TURKEY HILL – 2 HORSES
PER SINGLE SITE – “NO OFF-SEASON
DISCOUNTS”**

General Assembly Area	100.00
Turkey Hill Single	65.50
Turkey Hill Double	126.00
Turkey Hill Triple	151.50
Turkey Hill Quad	202.00
Entire Turkey Hill (includes assembly area)	730.00

RV SITE

Nightly	64.00
Weekly	333.50
Monthly	685.00
Season (6-Month Max)	2,175.00
Premium Sites (Peak Season)	70.00
Premium Sites Weekly (Peak Season)	360.50

TOWING

Camanche Recreation Area per hour	165.00
-----------------------------------	--------

MISCELLANEOUS

Camanche Recreation Area Lake Tours	15.00
-------------------------------------	-------



RECREATION USE FEES FOR 2024
January – December 2024
 EFFECTIVE 01/01/24

**CAMANCHE RESERVOIR – NORTH SHORE
 AND SOUTH SHORE RECREATION AREAS
 (continued)**

BOAT/VESSEL DECONTAMINATION

Vessel decontamination (up to 30')	\$35.00
Vessels over 30' in length	35.00 + 5.00
	for each 5' over 30'
Ballast tanks decontamination	10.00
Tank, bilge, live well decontamination only	25.00
PWC storage area decontamination only	25.00
Kayaks and Canoes decontamination	25.00

COTTAGE/MOTEL GENERAL

Camanche Recreation Area – Security Deposit	200.00
Additional Guest Charge (to maximum occupancy)	20.00

COTTAGE (4-Person Base)

May – Sept: Night	200.00
Week	1,050.00
Oct – April: Night	135.00
Week	710.00
Month	1,900.00

COTTAGE (6-Person Base)

May – Sept: Night	260.00
Week	1,365.00
Oct – April: Night	170.00
Week	892.50
Month	2,100.00

PARK MODEL (4-Person)

May – Sept: Night	300.00
Week	1,575.00
Oct – April: Night	225.00
Week	1,181.00
Month	3,000.00

**RESORT RENTAL (4 BEDROOM, 14 PERSON
 MAX)**

May – Sept: Night	445.00
Week	2,340.00
Oct – April: Night	235.00
Week	1,235.00



RECREATION USE FEES FOR 2024
January – December 2024
 EFFECTIVE 01/01/24

**CAMANCHE RESERVOIR – NORTH SHORE
 AND SOUTH SHORE RECREATION AREAS
 (continued)**

MOBILEHOME (MONTHLY)

3 bedroom	CY23 Rate + HUD FMR ²
-----------	-------------------------------------

MOBILEHOME SPACES (MONTHLY)

North Shore 1A	CY23 Rate + HUD FMR ²
North Shore 1B	CY23 Rate + HUD FMR ²
North Shore 2	CY23 Rate + HUD FMR ²
South Shore	CY23 Rate + HUD FMR ²

*Mobilehomes registered through Amador County receive a \$2.50 credit on their monthly rent to reflect their payment of fire-related fees.

**OTHER MOBILEHOME FEES (Per Space –
 Monthly)**

Guest Fee	75.00
Late Rent/Returned Check Fee	50.00

FACILITY RENTAL

Lakeside Hall Daily (hall only)	825.00
Lakeside Hall Daily (kitchen & service ware included)	1,200.00
Lakeside Hall Cleaning and Equipment Deposit	1,000.00
Camanche Clubhouse Rental (North Shore)	195.00
Camanche Clubhouse Rental (South Shore)	140.00

²HUD FMR is the Housing and Urban Development Fair Market Rents Index which is published by HUD each October. The mobilehome rental space rate will be adjusted annually based on the percent change in the HUD FMR index for 2-bedroom homes averaged for Amador and Calaveras Counties.



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

Camanche Reservoir – North and South Shore Recreation Area Discounts, Special Programs, Limitations

Concessionaire Employees receive free entrance to and use of rental boats during off-hours, a 20% discount on food and merchandise, and a camping discount equal to the car entrance fee. Limited to one free vehicle entry and one free boat rental per employee per day.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Current Camanche Regional Park Advisory Board members and active field public safety personnel in Amador, Calaveras and San Joaquin County receive free day use entry.

Senior/Disabled receive 50% discount on annual entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Active, reserve, retired, and veteran military personnel receive 20% discount on day use entry, boat rentals, (excluding rental of the party barge), camping and short-term (14-day) RV sites and lodging. Military identification required. Discount may not be combined with other offers.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Mobilehome Park Tenants receive 50% off non-holiday weekday boat rentals and additional 25% off for qualifying Senior/Disabled/Former POW/Disabled Veteran tenants; special additional incentives for non-holiday Tuesday boat rentals; a 40% discount on off-season monthly open slip, covered slip and mooring buoy fees; and a 10% discount on regularly priced marina/store items not including fishing access permits, fishing license, prepared food/beverage, gasoline and propane.

Groups of four or less individuals meeting the criteria for disabled discounts shall be eligible to rent the 6-person ADA cottages at Camanche for the 4-person cottage rate.

Turkey Hill Equestrian Campground single site customers renting larger spaces due to single sites being occupied shall be charged the lesser prorated rate.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry and camping fees.

Short-term visitor passes may be issued for periods up to one-hour.



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

Camanche Reservoir – North and South Shore Recreation Area Discounts, Special Programs, Limitations (continued)

Campsite charges include one vehicle entry, and RV site charges include a second/tow vehicle. Monthly and Seasonal RV Park fees include one vehicle entry, but do not include electricity charge. Electricity is metered and charged separately. Each of the daily charges, except the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from one hour before sunrise until one hour after sunset.

Fishing access permits are valid until midnight of said day.

Each of the weekly charges shall be valid and effective for the calendar week in which the charge is made, terminating at 1:00 p.m. on the seventh consecutive day of said period. The seasonal charges noted for each recreation area shall be valid and effective for a period not exceeding 24 consecutive hours and terminating at 1:00 p.m. during said period.

Check out time for all RV sites is 1:00 p.m.

Peak Season is May 1 – September 30. Off-season is October 1 – April 30.

Premium Campsite or Premium RV site is a site that due to enhanced amenities, waterfront access or other special features is rented at a higher rate than a standard site.

Standard campsites may have a maximum of 8 people and 2 vehicles.

Short-term visitor passes may be issued for periods of up to one-hour.



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

LAFAYETTE RECREATION AREA

**ENTRY AND PARKING –
CAR/MOTORCYCLE/SMALL VAN**

Daily	\$7.00
Annual (new or renewal)	120.00
Annual (new or renewal) 2 years	240.00
Replacement hang-tag (Replacement limited to 1 hang-tag per year)	25.00
Parking Meters 1/2 hour Senior/Disabled	0.75
Season (new or renewal)	80.00
Season (new or renewal) 2 years	160.00

**ENTRY AND PARKING –
LARGE VANS AND BUSES**

Large Vans – 10-20 Passengers	18.00
Buses – 21+ Passengers	33.00

DOG (no charge)

COMMERCIAL USES (in addition to the base fee noted below, the Director of Water and Natural Resources may set an additional fee to recover the District's direct costs plus overhead)

Commercial Use	
Small (up to 10 people)	100.00
Medium (from 11 to 50 people)	500.00
Large (from 51 to 150 people)	1,000.00

BOAT LAUNCH

Daily	4.00
Annual	50.00
Boat Inspection Fee	6.00

FISHING ACCESS

Daily	5.00
-------	------

GROUP PICNIC

Small Site (Weekend/Holiday)	200.00
Small Site (Weekday/Non-Holiday)	100.00
Large Site (Weekend/Holiday)	350.00
Large Site (Weekday/Non-Holiday)	175.00
Special Events Fee	500.00 + \$1/participant



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

Lafayette Reservoir – Discounts, Special Programs, Limitations

District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Senior/Disabled receive 50% discount on boat launch fees and on non-holiday weekday boat rentals. Senior rates are for individuals with a drivers' license showing age 62 or older.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

PARDEE RECREATION AREA

**VEHICLE ENTRY AND PARKING –
CAR/MOTORCYCLE/SMALL VAN**

Daily/Nightly (Non-Camping)	\$10.00
Season	118.00
Combined Car/Boat Daily	16.00

**VEHICLE ENTRY AND PARKING –
LARGE VANS AND BUSES**

Large Vans – 10-20 Passengers	22.00
Buses – 21+ Passengers	38.00

DOG

Daily (Fee charged each day in park)	5.00
Season (Concurrent with Season Parking Pass)	50.00

STANDARD BOAT LAUNCH

Daily (Fee charged each day in park)	10.00
Season	110.00

**CARTOP BOAT LAUNCH (Float Tube, Kayak,
Canoe, Scull)**

Daily	5.00
Season	44.00

BOAT SLIP (excluding park entry)

Daily	10.00
Weekly	50.00
Monthly	120.00
Season	690.00
Season (concurrent with season RV)	640.00

FISHING ACCESS

Daily	7.25
Annual	200.00

MISCELLANEOUS

RV/Campsite Reservation Fee	10.00
-----------------------------	-------

STANDARD CAMPSITE (w/vehicle parking)

Nightly	25.00
Second Car Parking	10.00
Weekly	150.00
Second Car Parking	60.00



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

PARDEE RECREATION AREA (continued)

PREMIUM CAMPSITE (w/vehicle parking)

Nightly	\$30.00
Weekly	180.00

CAMPSITE (walk-in/bicycle parking)

(8 person/8 bike maximum)

Nightly	23.00
Weekly	138.00

DOUBLE CAMPSITE (16 people/2 vehicles)

Nightly	50.00
Third or Fourth Vehicle	10.00

RV SITE

Nightly	40.00
Weekly	240.00
Monthly	520.00
Season	4,095.00
Season – Premium Site	4,225.00

RV/TRAILER/BOAT STORAGE (excluding park entry)

Weekly	30.00
Monthly	70.00
Season	510.00
Season – concurrent with season RV site	445.00
12-Month Consecutive	670.00

TOWING

80.00

RESERVABLE SITE/FACILITY (charges in addition to above fees)

Small (25 or less people)	70.00
Medium (26-100 people)	100.00
Large (101-150 people)	150.00
Over 150 people	265.00
Café/Pool Day Use Area (refundable deposit)	60.00



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

PARDEE RESERVOIR – DISCOUNTS, SPECIAL PROGRAMS, LIMITATIONS

Concessionaire Employees receive free entrance to and use of rental boats during off-season hours, a 20% discount on food and merchandise, and a camping discount equal to the car entrance fee. Limited to one free vehicle entry and one free boat rental per employee per day.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Current Camanche Regional Park Advisory Board members and active field public safety personnel in Amador, Calaveras and San Joaquin County receive free day use entry.

Senior/Disabled receive 50% discount on annual entry and boat launch fees, and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Active, reserve, retired, and veteran military personnel receive 20% discount on day use entry, boat rentals, (excluding Deluxe Pontoon), and dry camping (excluding RV hook-up sites). Military identification required. Discount may not be combined with other offers.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry and camping fees.

Campsite charges include one vehicle entry, and RV site charges include a second/tow vehicle.

Monthly and Seasonal RV Park fees include one vehicle entry, but do not include electricity charge. Electricity is metered and charged separately.

Each of the daily charges, except the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from one hour before sunrise until one hour after sunset. Fishing access permits are valid until midnight of said day.

Each of the weekly charges shall be valid and effective for the calendar week in which the charge is made, terminating at 1:00 p.m. on the seventh consecutive day of said period.

Each of the nightly charges shall be valid and effective for a period not exceeding 24 consecutive hours and terminating at 1:00 p.m. during said period.

Premium Campsite or Premium RV site is a site that due to enhanced amenities, waterfront access or other special features is rented at a higher rate than a standard site.



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

PARDEE RESERVOIR – DISCOUNTS, SPECIAL PROGRAMS, LIMITATIONS (continued)

Standard campsites may have a maximum of 8 people and 2 vehicles.

Short-term visitor passes may be issued for periods up to one hour.



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

SAN PABLO RECREATION AREA

ENTRY AND PARKING –

CAR/MOTORCYCLE/SMALL VAN

Daily	\$7.00
Daily (Special Events)	5.00
Season	120.00
Replacement Pass (limited to 1 pass per year)	25.00

ENTRY AND PARKING –

LARGE VANS AND BUSES

Large Vans – 10-20 Passengers	22.00
Buses – 21+ Passengers	40.00

DOG

3.00

COMMERCIAL USES (in addition to the base fee noted below, the Director of Water and Natural Resources may set an additional fee to recover the District’s direct costs plus overhead)

Small (up to 10 people)	120.00
Medium (from 11 to 50 people)	600.00
Large (from 51 to 150 people)	1,200.00

STANDARD BOAT LAUNCH

Daily	8.00
Season (Entry & Boat Launch)	170.00
Boat Inspection Fee	6.00

CARTOP BOAT LAUNCH (Float Tube, Kayak, Canoe, Scull)

Daily	4.00
Season (Entry and Cartop Launch)	124.00

FISHING ACCESS

Daily	6.00
-------	------

GROUP PICNIC

Large Sites (Oaks) daily	300.00
Large Sites (Pines) daily	200.00
Security Deposit	100.00

GAZEBO, Daily Rental

Security Deposit	100.00
------------------	--------

TOWING

40.00



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

SAN PABLO RESERVOIR – Discounts, Special Programs, Limitations

Concessionaire Employees receive free entrance to and use of rental boats during off-season hours, a 20% discount on food and merchandise. The discount is limited to one free vehicle entry and one free boat rental per employee per day. To qualify, a concession employee must work a minimum of 20 hours per week, Sunday through Saturday.

Concessionaire and/or District may provide free entry and use of rental boats for disadvantaged groups (e.g., disabled, senior, youth, veteran), and for media to promote the recreation area.

Concessionaire or District can issue return coupons for free entry or camping for dissatisfied customers.

Each of the daily charges, including the fishing access permit, shall be valid and effective for the calendar day upon which the charge was made, from the time the park opens until it closes each day.

Groups participating in volunteer District facility improvement programs receive 50% discount on entry fees.

Senior/Disabled receive 50% discount on season passes and on non-holiday weekday boat rentals. Senior rates are for individuals with a driver's license or ID showing age 62 or older.

Distinguished Veteran Pass holders receive free day use and boat launch and 50% discount on non-holiday weekday boat rentals.

Unless determined otherwise, the recreation season is mid-February through November (dates selected by concessionaire with District approval).



RECREATION USE FEES FOR 2024
January – December 2024
EFFECTIVE 01/01/24

WATERSHED TRAIL SYSTEM

WATERSHED TRAILS

Daily Permit	\$3.00
Annual Permit	10.00
Three-Year Permit	20.00
Five-Year Permit	30.00
Low-income Annual Permit	0.00

**Other District Schedules of Rates and Charges, Capacity Charges, and
Other Fees Not Subject to Proposition 218**

FY 2024

Public Records Act Fee Schedule and District Publication Fees

Real Property Use Application Fees

**Public Records Act Fee Schedule and
District Publication Fees**

FY 2024



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23~~2~~

INTRODUCTION

The following fee schedule has been established by the District to cover the costs for duplicating District documents, drawings, maps, recordings, and other records, as required by the Public Records Act.

The District offers access to its records upon receipt of a request that reasonably describes an identifiable record. Any questions or requests concerning District documents should be addressed to the Secretary of the District, East Bay Municipal Utility District, P.O. Box 24055, Oakland, California 94623-1055, or by calling (510) 287-0404.

CHARGES

Pursuant to the Public Records Act, the District may recover the “direct costs of duplication” for disclosable public records, unless a different charge is provided by statute. The direct cost of duplication generally covers two types of expenses – materials & equipment costs and labor costs.

- Materials & Equipment costs generally include the capital cost of the equipment, the maintenance contract, paper supplies, and other necessary expenses that must be incurred in order to make the equipment operational.
- Labor costs ordinarily include the pro rata salary of the clerical or technical employee operating the equipment.

The total cost for providing copies is a combination of materials, labor for actual duplication time, equipment usage, and postage, if applicable. The direct cost of duplication may vary depending on the size and type of media requested and the kind of reproduction equipment required.

Photocopies of non-District materials are charged at the same rate as District materials.

Prices quoted in this fee schedule are subject to change. An estimate of cost will be provided upon request.

Any records sent outside for duplication will be billed the actual cost of duplication by the outside vendor.

PAYMENT

For requests estimated to cost over \$100 in duplication fees, a deposit in the amount of the estimated fee will be required before duplication.

For all requests, payment in advance is required before release of records. Acceptable methods of payment include cash or check (payable to East Bay Municipal Utility District). The District does not currently accept electronic payments.



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23~~2~~

INSPECTION/DELIVERY/PICK UP

The requestor is entitled to inspect records and/or obtain copies of records during normal business hours (8:00 a.m. to 4:30 p.m., Monday through Friday).

If the requestor wishes records to be delivered, copies will be sent first class mail unless the requestor makes other arrangements for pick up or delivery with the Secretary's Office. Postage will be charged for copies mailed to the requestor.

Federal Express service is available if the requestor supplies a Federal Express account number.

LEGAL COMPLIANCE OBLIGATIONS

Responsibility for adherence to copyright law rests with the individual requesting copies.

CATEGORIES

This fee schedule covers the following categories of document types or formats:

- I. Paper Based Records
 - A. General Business Documents & Engineering Drawings
 - B. Printed Maps
 - C. Bid Documents for Publicly Bid Projects
- II. Electronically Stored or Generated Records
 - A. Records that already exist
 - B. Records that do not already exist
 - C. Compact Disks (CDs)
 - D. Digital Versatile Disks (DVDs)

Fees for document types/requests not covered herein will be provided upon request.



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23~~2~~

I. PAPER BASED RECORDS

A. GENERAL BUSINESS DOCUMENTS & ENGINEERING DRAWINGS

The fees charged for reproducing general business documents and engineering drawings, and printed maps photocopied onto regular paper in the sizes indicated below are based on the actual cost of duplication by the District.

Fee = Labor Cost (\$0.6568 per minute duplicating time)
+ **Materials & Equipment Cost** (e.g., cost per sheet or media)
+ **Postage** (if applicable)

- **Labor Costs:** Labor costs for duplication time is charge at the rate of \$0.6568 per minute. Labor costs are based on the labor rate of a clerical employee and is charged only for the actual time spent on duplication.
- **Materials & Equipment:** The duplicating cost per sheet or media type is based on the actual cost of materials and equipment needed to reproduce documents. As detailed below, fees will vary depending on the type and size of documents and the method used for duplication.

1) Regular copies

8-1/2 x 11	\$0.09/page
11 x 17	0.17/page

2) Color copies

Requests for color copies may be sent to an outside vendor and charged back to the requestor.

3) Facsimile copies within the continental U.S.

8-1/2 x 11	\$0.50/page
------------	-------------



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23~~2~~

4) Engineering drawings

Size	Bond	Vellum
8-1/2 x 11	\$0.09	N/A
11 x 17	0.17	N/A
17 width	0.33	N/A
22 width	0.66	\$1.77
28 x 38	0.96	N/A

For sizes larger than those indicated in this chart, Engineering Records will determine the cost.

Drawings having a width greater than 36 inches cannot be reproduced on District equipment and must be sent out for commercial copying. These charges will be billed to the requestor.

B. PRINTED MAPS

The fees in this section apply to the duplication of existing hard copy B-maps. The fee listed is the cost per map for duplication by the District's print shop. All other pre-printed map sizes require special formatting and the cost for duplication by an outside vendor will be determined upon request.

B-maps 250' scale (11 x 17) includes Map View prints	\$0.99/map
Map Book Covers	\$38.64/cover

C. BID DOCUMENTS FOR PUBLICLY BID PROJECTS

Copies of plans and specifications for publicly bid construction projects are available through the District's Specifications, Cost Estimating, and Engineering Standard Records (ESR) Section at a per set cost established as each project is issued for bid. The fee will be based on the cost for duplication at the District's print shop or an outside copy service and postage, if applicable.

Pre-paid documents will be sent first class mail unless the requestor makes other arrangements for document pickup or delivery with the Specifications Clerk. Federal Express service is available if the requestor supplies a Federal Express account number.

Contract documents are also available for viewing and downloading from EBMUD's public website: www.ebmud.com via the "Business Center" link.



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23~~2~~

Copies of CD-ROM versions of contract documents in Adobe Acrobat format are available free of charge from the Specifications Clerk at 510-287-1040.

Copies of historic contract documents can be provided in accordance with the provisions of item 1: General Business Documents.

II. ELECTRONICALLY STORED OR GENERATED DATA

The fees in this section apply to records stored electronically.

In general, there are two types of electronic records: (a) records that already exist on a system and merely require printing; and (b) records that do not currently exist and require data compilation, extraction, or programming to produce. A different fee rate applies to each of these types of records.

A. RECORDS THAT ALREADY EXIST

When a requestor seeks a record that already exists on a system (i.e., a record merely needs to be retrieved and printed, and does not require data compilation, extraction, or programming to produce), the following fee applies:

Fee = Labor Cost (\$0.~~65~~⁶⁸ per minute duplicating time)
+ Materials & Equipment Cost
+ Postage (if applicable)

Materials & Equipment costs vary with the types/formats of records requested as specified below:

1) Digital copies – PDF Files (including B-maps)

Cost of Media	
CD	\$3.05
DVD	6.35
Electronic Transfer	N/C



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23~~2~~

2) Maps on Demand

Size	Bond	Vellum*	Bond Color
8-1/2 x 11	\$0.10	\$0.19	\$0.38
11 x 17	0.19	0.36	0.73
17 x 22	0.33	0.60	2.05
22 x 34	0.49	0.84	3.38
28 x 38	0.66	1.10	5.02

*Costs reflect color plots produced only from existing files.

3) Other Electronic Records

Description	Charge per Unit
8-1/2 x 11 (PC Printer)	\$0.09/page
CD	3.05 each
DVD	6.35 each
Electronic Transfer	N/C

B. RECORDS THAT DO NOT ALREADY EXIST

When a requestor seeks records that do not currently exist on the system and require data compilation, extraction, or programming to produce, the requestor shall pay the cost to construct a new record, and the cost of programming and computer services necessary to produce a copy of the record. However, the District is under no obligation to provide records that do not already exist. Accordingly, the applicable fee is:

Fee = Labor Cost (\$~~1.24~~1.30 per minute production time)
+ Materials & Equipment Cost (rates specified in Section II.A)
+ Postage (if applicable)

Labor cost is based on the “average technical labor” rate and is charged only for the actual time spent producing the record.

This fee also applies when the request requires producing a record outside of the regularly scheduled interval.

C. COMPACT DISCS (CDs)

Fee = Labor Cost (\$~~0.65~~0.68 per minute duplicating time)
Cost per disc (CD-R Disc, Write-Once, 700 MB, 80 Minute, 52X = \$3.05/disc)
+ Postage (if applicable)



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23~~2~~

D. DIGITAL VERSATILE DISCS (DVDs)

Fee = Labor Cost (\$0.~~65~~⁶⁸ per minute duplicating time)
Cost per disc (DVD+R, 16X, Single Sided, 4.7 GB/120 Minutes = \$6.35/disc)
+ Postage (if applicable)

E. DIGITAL VERSATILE DISCS (DVDs)

Recordings of regular meetings of the Board of Directors are available on www.ebmud.com. Copies of archived recordings of regular meetings of the Board of Directors are available upon request and can be provided on compact disc or digital versatile disc.

NOTE – we no longer use cassette tapes.



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23~~2~~

DISTRICT PUBLICATION FEES

Fee = Cost of publication (see below)
+ Sales tax
+ Postage (if applicable)

Municipal Utility District Act \$5.15

Its Name Was MUD \$18.00

Plants and Landscapes for Summer Dry Climates of the San Francisco Bay Region

Hardcover \$49.95 each

For EBMUD customers \$29.95 each

Vendors and Retailers up to 50% discount



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23

INTRODUCTION

The following fee schedule has been established by the District to cover the costs for duplicating District documents, drawings, maps, recordings, and other records, as required by the Public Records Act.

The District offers access to its records upon receipt of a request that reasonably describes an identifiable record. Any questions or requests concerning District documents should be addressed to the Secretary of the District, East Bay Municipal Utility District, P.O. Box 24055, Oakland, California 94623-1055, or by calling (510) 287-0404.

CHARGES

Pursuant to the Public Records Act, the District may recover the “direct costs of duplication” for disclosable public records, unless a different charge is provided by statute. The direct cost of duplication generally covers two types of expenses – materials & equipment costs and labor costs.

- Materials & Equipment costs generally include the capital cost of the equipment, the maintenance contract, paper supplies, and other necessary expenses that must be incurred in order to make the equipment operational.
- Labor costs ordinarily include the pro rata salary of the clerical or technical employee operating the equipment.

The total cost for providing copies is a combination of materials, labor for actual duplication time, equipment usage, and postage, if applicable. The direct cost of duplication may vary depending on the size and type of media requested and the kind of reproduction equipment required.

Photocopies of non-District materials are charged at the same rate as District materials.

Prices quoted in this fee schedule are subject to change. An estimate of cost will be provided upon request.

Any records sent outside for duplication will be billed the actual cost of duplication by the outside vendor.

PAYMENT

For requests estimated to cost over \$100 in duplication fees, a deposit in the amount of the estimated fee will be required before duplication.

For all requests, payment in advance is required before release of records. Acceptable methods of payment include cash or check (payable to East Bay Municipal Utility District). The District does not currently accept electronic payments.



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23

INSPECTION/DELIVERY/PICK UP

The requestor is entitled to inspect records and/or obtain copies of records during normal business hours (8:00 a.m. to 4:30 p.m., Monday through Friday).

If the requestor wishes records to be delivered, copies will be sent first class mail unless the requestor makes other arrangements for pick up or delivery with the Secretary's Office. Postage will be charged for copies mailed to the requestor.

Federal Express service is available if the requestor supplies a Federal Express account number.

LEGAL COMPLIANCE OBLIGATIONS

Responsibility for adherence to copyright law rests with the individual requesting copies.

CATEGORIES

This fee schedule covers the following categories of document types or formats:

- I. Paper Based Records
 - A. General Business Documents & Engineering Drawings
 - B. Printed Maps
 - C. Bid Documents for Publicly Bid Projects
- II. Electronically Stored or Generated Records
 - A. Records that already exist
 - B. Records that do not already exist
 - C. Compact Disks (CDs)
 - D. Digital Versatile Disks (DVDs)

Fees for document types/requests not covered herein will be provided upon request.



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23

I. PAPER BASED RECORDS

A. GENERAL BUSINESS DOCUMENTS & ENGINEERING DRAWINGS

The fees charged for reproducing general business documents and engineering drawings, and printed maps photocopied onto regular paper in the sizes indicated below are based on the actual cost of duplication by the District.

Fee = Labor Cost (\$0.68 per minute duplicating time)
+ **Materials & Equipment Cost** (e.g., cost per sheet or media)
+ **Postage** (if applicable)

- **Labor Costs:** Labor costs for duplication time is charge at the rate of \$0.68 per minute. Labor costs are based on the labor rate of a clerical employee and is charged only for the actual time spent on duplication.
- **Materials & Equipment:** The duplicating cost per sheet or media type is based on the actual cost of materials and equipment needed to reproduce documents. As detailed below, fees will vary depending on the type and size of documents and the method used for duplication.

1) Regular copies

8-1/2 x 11	\$0.09/page
11 x 17	0.17/page

2) Color copies

Requests for color copies may be sent to an outside vendor and charged back to the requestor.

3) Facsimile copies within the continental U.S.

8-1/2 x 11	\$0.50/page
------------	-------------



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23

4) Engineering drawings

Size	Bond	Vellum
8-1/2 x 11	\$0.09	N/A
11 x 17	0.17	N/A
17 width	0.33	N/A
22 width	0.66	\$1.77
28 x 38	0.96	N/A

For sizes larger than those indicated in this chart, Engineering Records will determine the cost.

Drawings having a width greater than 36 inches cannot be reproduced on District equipment and must be sent out for commercial copying. These charges will be billed to the requestor.

B. PRINTED MAPS

The fees in this section apply to the duplication of existing hard copy B-maps. The fee listed is the cost per map for duplication by the District's print shop. All other pre-printed map sizes require special formatting and the cost for duplication by an outside vendor will be determined upon request.

B-maps 250' scale (11 x 17) includes Map View prints	\$0.99/map
Map Book Covers	\$38.64/cover

C. BID DOCUMENTS FOR PUBLICLY BID PROJECTS

Copies of plans and specifications for publicly bid construction projects are available through the District's Specifications, Cost Estimating, and Engineering Standard Records (ESR) Section at a per set cost established as each project is issued for bid. The fee will be based on the cost for duplication at the District's print shop or an outside copy service and postage, if applicable.

Pre-paid documents will be sent first class mail unless the requestor makes other arrangements for document pickup or delivery with the Specifications Clerk. Federal Express service is available if the requestor supplies a Federal Express account number.

Contract documents are also available for viewing and downloading from EBMUD's public website: www.ebmud.com via the "Business Center" link.



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23

Copies of CD-ROM versions of contract documents in Adobe Acrobat format are available free of charge from the Specifications Clerk at 510-287-1040.

Copies of historic contract documents can be provided in accordance with the provisions of item 1: General Business Documents.

II. ELECTRONICALLY STORED OR GENERATED DATA

The fees in this section apply to records stored electronically.

In general, there are two types of electronic records: (a) records that already exist on a system and merely require printing; and (b) records that do not currently exist and require data compilation, extraction, or programming to produce. A different fee rate applies to each of these types of records.

A. RECORDS THAT ALREADY EXIST

When a requestor seeks a record that already exists on a system (i.e., a record merely needs to be retrieved and printed, and does not require data compilation, extraction, or programming to produce), the following fee applies:

Fee = Labor Cost (\$0.68 per minute duplicating time)
+ Materials & Equipment Cost
+ Postage (if applicable)

Materials & Equipment costs vary with the types/formats of records requested as specified below:

1) Digital copies – PDF Files (including B-maps)

Cost of Media	
CD	\$3.05
DVD	6.35
Electronic Transfer	N/C



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23

2) Maps on Demand

Size	Bond	Vellum*	Bond Color
8-1/2 x 11	\$0.10	\$0.19	\$0.38
11 x 17	0.19	0.36	0.73
17 x 22	0.33	0.60	2.05
22 x 34	0.49	0.84	3.38
28 x 38	0.66	1.10	5.02

*Costs reflect color plots produced only from existing files.

3) Other Electronic Records

Description	Charge per Unit
8-1/2 x 11 (PC Printer)	\$0.09/page
CD	3.05 each
DVD	6.35 each
Electronic Transfer	N/C

B. RECORDS THAT DO NOT ALREADY EXIST

When a requestor seeks records that do not currently exist on the system and require data compilation, extraction, or programming to produce, the requestor shall pay the cost to construct a new record, and the cost of programming and computer services necessary to produce a copy of the record. However, the District is under no obligation to provide records that do not already exist. Accordingly, the applicable fee is:

Fee = Labor Cost (\$1.30 per minute production time)
+ Materials & Equipment Cost (rates specified in Section II.A)
+ Postage (if applicable)

Labor cost is based on the “average technical labor” rate and is charged only for the actual time spent producing the record.

This fee also applies when the request requires producing a record outside of the regularly scheduled interval.

C. COMPACT DISCS (CDs)

Fee = Labor Cost (\$0.68 per minute duplicating time)
Cost per disc (CD-R Disc, Write-Once, 700 MB, 80 Minute, 52X = \$3.05/disc)
+ Postage (if applicable)



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23

D. DIGITAL VERSATILE DISCS (DVDs)

Fee = Labor Cost (\$0.68 per minute duplicating time)
Cost per disc (DVD+R, 16X, Single Sided, 4.7 GB/120 Minutes = \$6.35/disc)
+ Postage (if applicable)

E. DIGITAL VERSATILE DISCS (DVDs)

Recordings of regular meetings of the Board of Directors are available on www.ebmud.com. Copies of archived recordings of regular meetings of the Board of Directors are available upon request and can be provided on compact disc or digital versatile disc.

NOTE – we no longer use cassette tapes.



PUBLIC RECORDS ACT FEE SCHEDULE

EFFECTIVE 07/01/23

DISTRICT PUBLICATION FEES

Fee = Cost of publication (see below)
+ Sales tax
+ Postage (if applicable)

Municipal Utility District Act \$5.15

Its Name Was MUD \$18.00

Plants and Landscapes for Summer Dry Climates of the San Francisco Bay Region

Hardcover \$49.95 each

For EBMUD customers \$29.95 each

Vendors and Retailers up to 50% discount

Real Property Use Application Fees

FY 2024



REAL PROPERTY USE APPLICATION FEES

EFFECTIVE 07/01/2022

TYPE OF USE	APPLICATION FEE
Fee Title (<i>Outright purchase of District property</i>) Properties for Sale Unsolicited	\$2,400 <u>2,600</u> 14,200 <u>15,100</u>
Easement (<i>Rights for permanent use of District property, such as access, utilities, etc.</i>) Utility Type Other	2,400 <u>2,600</u> 6,600 <u>7,000</u>
Quitclaim (<i>Removal of District's right, title and interest to property</i>) Pipe Abandonment Other	1,200 <u>1,300</u> 2,700 <u>2,900</u>
Revocable License (<i>Permission to use District property for periods exceeding one year, subject to revocation. For such uses as utility road crossings of aqueduct properties</i>)	1,900 <u>2,100</u>
Lease (<i>The right to occupy and use District land for a specified time period</i>)	2,400 <u>2,600</u>
Telecommunication Lease (<i>Long-term lease for PCS, cellular and/or radio uses</i>)	4,200 <u>4,300</u>
Information-Only (<i>Request for information requiring research of District records. Information-only applicants will be charged a fee only if the estimated research time exceeds one hour</i>)	150 <u>160</u> /hr
Processing and Review of Watershed Land Use Proposals (<i>Request for District to perform a formal evaluation of watershed land use proposal</i>)	150 <u>160</u> /hr (plus all other District costs)
Property Entry Permits, Rights of Entry Permits (<i>Permission for temporary access onto District</i>)	360 <u>390</u>
Limited Land Use Permit (<i>Allows landscaping, gardening or other minor surface use of District property, subject to annual renewal</i>)	130 <u>140</u>
Temporary Construction Easement/Encroachment Permit (<i>Permission for temporary access onto District</i>) Open Land, No District Facilities With District Facilities	700 <u>770</u> 2,600 <u>2,700</u>
Survey Costs if needed (<i>Application use fees listed above do not include survey costs if needed</i>)	160 <u>170</u> /hr
Long Term Encroachment Permit	24,000 <u>25,700</u>



REAL PROPERTY USE APPLICATION FEES

EFFECTIVE 07/01/23

TYPE OF USE	APPLICATION FEE
Fee Title (<i>Outright purchase of District property</i>)	
Properties for Sale	\$2,600
Unsolicited	15,100
Easement (<i>Rights for permanent use of District property, such as access, utilities, etc.</i>)	
Utility Type	2,600
Other	7,000
Quitclaim (<i>Removal of District's right, title and interest to property</i>)	
Pipe Abandonment	1,300
Other	2,900
Revocable License (<i>Permission to use District property for periods exceeding one year, subject to revocation. For such uses as utility road crossings of aqueduct properties</i>)	2,100
Lease (<i>The right to occupy and use District land for a specified time period</i>)	2,600
Telecommunication Lease (<i>Long-term lease for PCS, cellular and/or radio uses</i>)	4,300
Information-Only (<i>Request for information requiring research of District records. Information-only applicants will be charged a fee only if the estimated research time exceeds one hour</i>)	160/hr
Processing and Review of Watershed Land Use Proposals (<i>Request for District to perform a formal evaluation of watershed land use proposal</i>)	160/hr (plus all other District costs)
Property Entry Permits, Rights of Entry Permits (<i>Permission for temporary access onto District</i>)	390
Limited Land Use Permit (<i>Allows landscaping, gardening or other minor surface use of District property, subject to annual renewal</i>)	140
Temporary Construction Easement/Encroachment Permit (<i>Permission for temporary access onto District</i>)	
Open Land, No District Facilities	770
With District Facilities	2,700
Survey Costs if needed (<i>Application use fees listed above do not include survey costs if needed</i>)	170/hr
Long Term Encroachment Permit	25,700

This page is intentionally left blank.

Title:	Water and Wastewater Systems’ Budgets for Fiscal Years 2024 and 2025	Meeting Date:	June 13, 2023
--------	--	---------------	---------------

Limited-Term position but is now proposed as a Regular full-time position, resulting in no change in total full-time equivalent (FTE) positions. Two other position changes from Part-Time to Temporary also do not change the FTE count as both are 0.5 FTE.

The proposed budget resolution would adopt the FY 2024 and FY 2025 operating, debt service, and capital budgets for both the Water and the Wastewater systems. In compliance with Section 11891.5 of the Public Utilities Code, the FY 2024 and FY 2025 biennial budget appropriation is shown in major groups of accounts as follows:

WATER SYSTEM:	<u>FY 2024</u>	<u>FY 2025</u>
Operating	\$397,428,634	\$413,176,571
Debt Service	238,673,425	256,317,818
Capital	<u>541,631,256</u>	<u>359,938,282</u>
Total Water System	<u>\$1,177,733,315</u>	<u>\$1,029,432,671</u>
WASTEWATER SYSTEM		
Operating	\$103,742,517	\$108,464,054
Debt Service	32,870,923	34,775,679
Capital	<u>85,674,154</u>	<u>87,235,602</u>
Total Wastewater System	<u>\$222,287,594</u>	<u>\$230,475,335</u>

On April 27, 2021, the Board of Directors declared a Stage 1 drought, which was ended by the Board on April 25, 2023. The proposed FY 2024 and FY 2025 Biennial Budget does not include an appropriation for drought contingency expenditures. In the event of a drought, water shortage emergency, or state-mandated reductions in potable water use, the Board may declare a drought. At such time, if appropriate, staff will update its drought-related costs and may propose a drought contingency appropriation for consideration by the Board, along with Drought Surcharges that can be charged based on the projected fiscal impact of the drought and the declared stage of the drought.

The attached budget resolution authorizes certain actions and delegates certain authorities to the General Manager and the Director of Finance to facilitate ongoing administration of the District budget. This includes the authority to appropriate and spend any grant funds awarded and to reimburse the District for capital expenditures from the proceeds of tax-exempt debt.

ALTERNATIVE

Do not adopt the FY 2024 and FY 2025 operating, debt service, and capital budgets for the Water and Wastewater systems. This alternative is not recommended because an adopted budget is required on July 1 to continue funding District operations.

Proposed Biennial Budget

Fiscal Years 2024 & 2025

Volume 1:
Overview
Water System
Wastewater System



**East Bay Municipal Utility District
Oakland, California**

East Bay Municipal Utility District Proposed Biennial Budget Fiscal Years 2024 & 2025

**Volume 1: Overview
 Water System
 Wastewater System**

Volume 2: Capital Award Summaries

**Presented to the Board of Directors
March 28, 2023**

EBMUD Fun Fact:

EBMUD meter readers walk as many as 1,400 miles per year. That's equivalent to walking to Portland, Oregon and back again.

Biennial Budget Fiscal Years 2024 and 2025

Table of Contents

General Manager’s Message	5
Chapter 1: Introduction	15
District Overview.....	15
Community.....	17
Water and Wastewater Systems	19
District Organization	22
Strategic Plan.....	27
Chapter 2: Finance & Budget Overview	31
Financial Organization	31
Budget Process	36
Chapter 3: Budget Summary	45
Budget Appropriations.....	45
Operations.....	47
Debt Service.....	48
Capital Improvement Program.....	49
Staffing.....	51
Sources of Funds	54
Fund Summaries.....	56
Chapter 4: Water System.....	59
Overview	59
Sources of Funds.....	61
Use of Funds	66
Water System Departments.....	71
Staffing.....	110
Debt Service and Financing	112
Capital Improvement Program.....	118
Five-Year Financial Forecast.....	136

East Bay Municipal Utility District
Table of Contents

Chapter 5: Wastewater System.....143

 Overview.....143

 Sources of Funds.....145

 Use of Funds150

 Staffed Department Operations153

 Staffing.....157

 Debt Service and Financing159

 Capital Improvement Program.....163

 Five-Year Financial Forecast171

Appendix.....177

 Index of Tables and Charts.....177

 Index of Photos.....181

General Manager's Message

July 1, 2023

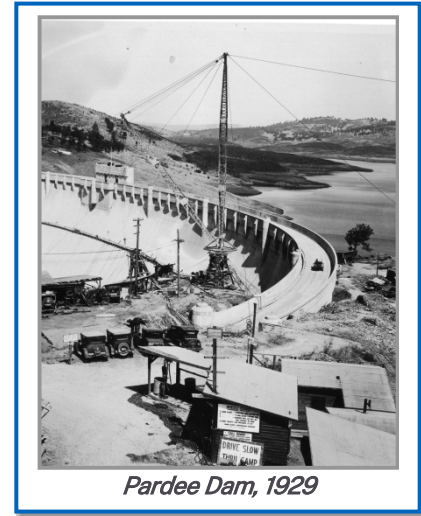
Honorable Members of the Board of Directors:

I am pleased to present the water and wastewater budgets for Fiscal Year 2024 (FY 2024) and Fiscal Year 2025 (FY 2025) in support of our mission to provide reliable, high-quality water and wastewater services for the people of the East Bay as we begin our next 100 years of service to our communities.

BUDGET OVERVIEW

After years of unreliable and in some cases unaffordable water delivery, in 1923 residents of the eastern San Francisco Bay voted to establish the East Bay Municipal Utility District (EBMUD). A century later, EBMUD remains an essential community partner that supports customers' every day. We provide clean water to every home, business, hospital and school in our service area, support the East Bay's health and economy, and work to protect the environment and San Francisco Bay. We are stewards, trusted by the public with water, our most precious resource.

As we move into the next century, we face new challenges as we work to provide reliable, high-quality water and wastewater services. Aging infrastructure, some more than 100 years old, needs continued maintenance and replacement. Climate change is driving the aridification of the American West and creating greater climate extremes. And we must deal with emerging contaminants and limit nutrient loads to better protect public health and the bay.



Pardee Dam, 1929

To meet these challenges, EBMUD is entering the most capital-intensive period in its history. We're increasing our five-year Capital Improvement Program (CIP) by more than \$500 million, or 24 percent, compared to the prior budget. This investment will rehabilitate water treatment plants, pumping plants, reservoirs, and pipelines and upgrade our wastewater facilities and sewer interceptors.

EBMUD is a not-for-profit public utility. Ratepayer dollars directly fund operations and capital improvements. We are recognized as responsible financial stewards and are the only California water utility to receive Moody's Investors Service's highest Aaa bond rating. As we innovate to improve our infrastructure and service, we confront rising costs due inflationary pressures on chemicals, energy, equipment, software, and labor and benefits, all which impact the cost build and operate.

Regular customer rate increases are necessary to invest in building resilient and reliable water and wastewater systems of the future. Under the proposed rate increases, in FY 2024, the average customers will see monthly increases of \$5.83 in their water bills (or 19 cents per day) and \$2.09 in wastewater bills (or 7 cents per day) after new rates take effect July 1, 2023. In FY 2025, there would be an additional increase of \$6.30 per month for water (or 21 cents per day) and \$2.26 per month for wastewater (or 7 cents per day) for the same customer, effective July 1, 2024. This represents an 8.5 percent increase in each of these two fiscal years for both systems.

Our precious drinking water remains a good value at a little more than one penny per gallon. But we know any cost increase can be a hardship for some, so we are also moving to make our Customer Assistance Program (CAP) easier to access for those who have trouble paying their water bills.

EBMUD is dedicated to serving East Bay customers and investing in our community as we have for a century. From the launch of the development of this biennial budget, the need to invest in aging

East Bay Municipal Utility District
General Manager's Message

infrastructure and respond to inflationary cost increases in critical areas, such as energy, chemicals, and labor, while maintaining and enhancing customer affordability, were clear. The FY 2024 and FY 2025 biennial budget strives to balance these needs. It will lead to more resilient and reliable water and wastewater systems that will improve operational efficiency and ensure rates remain affordable.

Resources have been prioritized to achieve Strategic Plan goals and expand new initiatives while maintaining fair and reasonable water and wastewater rates. The FY 2024 and FY 2025 biennial budget supports:

- Necessary growth in the CIP to invest in the next 100 years of service to the East Bay;
- Increased staff to support improvements in service delivery for an expanded capital program, as well as to meet critical needs, such as grant writing to obtain more external funding;
- Significant investments in internships and development of a more diverse hiring pipeline, as well as greater resources for consolidated educational and community outreach programs; and,
- An enhanced CAP, which will see the creation of a dedicated staff using new and existing resources to ensure essential water and wastewater services remain affordable.

CUSTOMER BILL IMPACTS

The FY 2024 and FY 2025 rates and customer bill impacts are shown in the table below. Single family residential customers continue to consume on average 8 centum cubic feet (CCF) of water per month (about 200 gallons per day). Almost half of our customers also receive wastewater treatment services, with an average bill based on discharge of 6 CCF per month of their total water use to the sewer system. The table below shows the overall rate increases and the impact on the average monthly bill for our water and wastewater customers.

Summary of Rate Increases and Average Bill Impacts

FY 2024 & FY 2025 Overall Rate & Average Monthly Bill Increase				
	Water System		Wastewater System	
	FY 2024	FY 2025	FY 2024	FY 2025
Average Bill Increase	\$5.83	\$6.30	\$2.09	\$2.26
% Rate Increase	8.5%	8.5%	8.5%	8.5%

The attachment to this message shows the bill impact for a range of use levels. Wastewater customers also pay an annual Wet Weather Facilities Charge collected on the property tax bill. The annual charge is based on lot size and will increase 8.5 percent in FY 2024 or \$10.66 for the smallest lots to \$37.98 for the largest lots. In FY 2025, the charge will increase an additional 8.5 percent ranging from \$11.56 to \$41.22 per year.

The rate increases reflect the revenue necessary to meet EBMUD's needs and are consistent with the District's 2015 Water and 2019 Wastewater Cost of Service studies that allocate costs among customer classes based on usage characteristics. State law requires basing rates and charges on the cost of service.

LABOR AGREEMENTS

District employees are represented by American Federation of State, County and Municipal Employees (AFSCME) Local 2019, AFSCME Local 444, International Federation of Professional and Technical Engineers Local 21, and International Union of Operating Engineers Local 39. Current labor agreements will expire in April 2025, near the end of the biennial budget, which extends to June 30, 2025. The District will begin negotiations in FY 2025.

BUDGET OVERVIEW

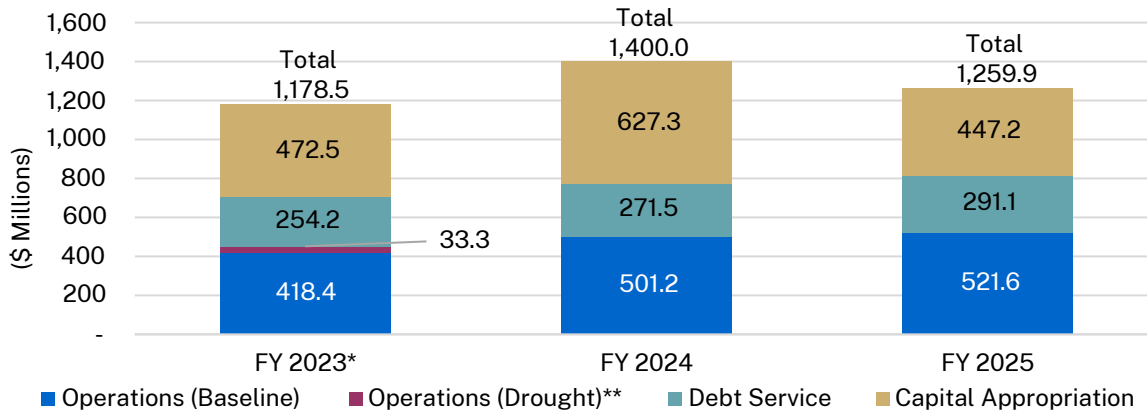
Reaching from the Sierra Nevada foothills to the San Francisco Bay, the District operates and maintains a vast network of pipelines, storage reservoirs, and treatment facilities to deliver clean, high-quality water to customers and provide wastewater service. Maintaining high-quality service requires ongoing investments in this infrastructure.

The development of this biennial budget and the five-year CIP was guided by our Strategic Plan. Our main budget priorities are to continue investments in and maintenance of aging infrastructure and provide for long-term financial stability. The budget was developed after determining the highest-priority projects based on these priorities and Board direction.

The following chart and table show the budget appropriations for FY 2024 and FY 2025 for the Water System and Wastewater System operations, debt service, and capital appropriation compared to FY 2023.

- The operations budget reflects the day-to-day costs to provide water and wastewater services, including most of the District's labor costs and other necessary expenses, such as energy, chemicals, and software.
- The debt service budget includes the interest and principal on bonds and notes issued to pay for capital investments in infrastructure, along with some other debt-related costs.
- The capital appropriation budget includes funding for capital projects such as replacing pipes, upgrading water treatment plants for the next century of service, and rehabilitating our wastewater treatment plant and major interceptors.
- In years where the Board has declared a drought emergency, there may also be an additional appropriation for drought operations. This was the case in FY 2023, but we do not expect a drought appropriation will be necessary for FY 2024 or FY 2025.

FY 2024 & FY 2025 Appropriations Summary and Comparison to FY 2023



*As approved on June 14, 2022.

**Only part of the budget during declared droughts.

East Bay Municipal Utility District
General Manager's Message

FY 2024 & FY 2025 Appropriations Summary and Comparison to FY 2023

Appropriations Summary (\$ Millions)					
	FY 2023	FY 2024		FY 2025	
	Budget ¹	Budget	% Change	Budget	% Change
Water System					
Operations (Baseline)	328.7	397.4	20.9%	413.2	4.0%
Operations (Drought) ²	33.3	-	-100.0%	-	-
Debt Service	222.4	238.7	7.3%	256.3	7.4%
Capital Appropriation	418.4	541.6	29.5%	359.9	-33.5%
Wastewater System					
Operations	89.7	103.7	15.6%	108.5	4.6%
Debt Service	31.9	32.9	3.1%	34.8	5.8%
Capital Appropriation	54.1	85.7	58.3%	87.2	1.8%
District-Wide					
Operations (Baseline)	418.4	501.2	19.8%	521.6	4.1%
Operations (Drought) ²	33.3	-	-100.0%	-	-
Debt Service	254.2	271.5	6.8%	291.1	7.2%
Capital Appropriation	472.5	627.3	32.8%	447.2	-28.7%
Total District-Wide	1,178.5	1,400.0	18.8%	1,259.9	-10.0%

¹As approved on June 14, 2022.

²Only part of the budget during declared droughts.

Water System

FY 2024

In FY 2024, the baseline operations budget, excluding drought operations, is increasing \$68.8 million, or 20.9 percent compared to FY 2023. This significant increase is driven primarily by four major factors:

- Inflationary and supply-chain pressures on energy, chemicals and other critical operating expenses, including software needed to support the District's operations and secure critical infrastructure from cyberattacks;
- Staff increases due to notable investments in several key areas, including replacing contracted services with staff in areas of the District's core business, enhancing support services, and improve the quality and diversity of EBMUD's talent pipeline;
- Increasing labor and benefit costs due to inflation-linked wage increases in labor agreements; and,
- As happens every 12 to 13 years, in FY 2024 an additional pay period falls during the budget year, though employees will continue to receive paychecks biweekly and will not receive an additional paycheck.

Offsetting those significant increases are higher capital support services consistent with prior trends, which transfers costs to the capital budget for the portion of operations that is supporting the District's extensive capital program.

Debt service in FY 2024 is increasing by \$16.3 million, or 7.3 percent, primarily due to the planned issuance of additional debt to fund capital reinvestment. Additionally, variable-rate interest costs are expected to rise significantly compared to the FY 2023 budget due to the interest rate environment.

Capital appropriations in FY 2024 are increasing by \$123.2 million, or 29.5 percent, driven by significant growth in the District's CIP. Appropriations fund work over many years and do not reflect actual

East Bay Municipal Utility District
General Manager's Message

expected expenses. This will be discussed in more detail. Major projects in the capital program include Pipeline Rebuild, major improvements to water treatment plants, and continued reinvestment in other aging infrastructure, such as reservoirs and pumping plants.

FY 2025

In FY 2025, the operations budget increases by \$15.7 million, or 4.0 percent. Labor expenses are expected to increase due to scheduled step increases, inflation-linked cost-of-living increases, and a rise in retirement and health care costs. However, in contrast to the prior fiscal year, FY 2025 has a standard 26 pay periods, which will partially offset the increase in labor expenses. Rising chemical and energy expenses are expected to continue. Additionally, software costs are expected to grow again given broader economic trends.

Debt service in FY 2025 will increase by \$17.6 million, or 7.4 percent, due to the planned issuance of additional debt to fund capital reinvestment. Capital appropriations are expected to decrease by \$181.7 million, or 33.5 percent, as existing appropriations will be sufficient to fund projects expected to be in progress during the year.

Wastewater System

FY 2024

In FY 2024, the operations budget is increasing \$14.0 million, or 15.6 percent compared to FY 2023. This significant increase is driven primarily by four major factors, which are similar to the Water System's major drivers:

- Inflationary and supply-chain pressures on energy, chemicals, and other critical operating expenses;
- Staff increases due to notable investments in deferred maintenance, laboratory services (which benefits both the Water and Wastewater systems), and greater capital assessment and planning resources;
- Increasing labor and benefit costs due to inflation-linked wage increases in labor agreements; and,
- As happens every 12 to 13 years, in FY 2024 an additional pay period falls during the budget year, though employees will continue to receive paychecks biweekly and will not receive an additional paycheck.

Offsetting those significant increases is a decrease in spoils and sludge budgets, which is adjusted down based on prior years' trends.

Debt service in FY 2024 is increasing by \$1.0 million, or 3.1 percent, primarily due to the planned issuance of additional debt to fund capital reinvestment. Favorably, all of the Wastewater System's outstanding debt is fixed-rate and the system no longer has exposure to remaining variable interest costs.

Capital appropriations in FY 2024 are increasing by \$31.6 million, or 58.3 percent, driven by significant growth in the system's CIP. Appropriations fund work over many years and do not reflect actual expected expenses. This will be discussed in further detail. Major projects in the capital program include: rehabilitation of interceptor segments, modernization and seismic retrofitting of existing buildings, and other work to address aging infrastructure.

FY 2025

In FY 2025, the operations budget increases by \$4.7 million, or 4.6 percent. Labor expenses are expected to increase due to scheduled step increases, inflation-linked cost-of-living increases, and a rise in retirement and health care costs. However, in contrast to the prior fiscal year, FY 2025 has a standard 26 pay periods, which will partially offset the increase in labor expenses. Rising chemical and energy expenses are expected to continue.

Debt service in FY 2025 will increase by \$1.9 million, or 5.8 percent, due to the planned issuance of additional debt to fund capital reinvestment. Capital appropriations are expected to increase modestly by \$1.6 million, or 1.8 percent.

FIVE-YEAR CAPITAL IMPROVEMENT PROGRAM

This CIP reflects our ongoing commitment to rehabilitate and replace aging infrastructure. The following focuses on planned spending on capital projects which is a significant component in calculating rates.

- In FY 2024 – FY 2028, planned Water System capital spending totals \$2.5 billion, including capital support, an increase of \$455.1 million or 22.5 percent from the prior five-year total.
- The planned Wastewater System capital spending totals \$334.8 million, including capital support, an increase of \$91.5 million or 37.6 percent from the prior five-year total.

Water System Top Projects

The table shows major Water System capital focus areas and the projected five-year spending as we continue to invest in infrastructure and maintain a high level of system reliability and water quality:

- Water Treatment remains the focal point of the five-year CIP, which includes comprehensive operational and water quality improvements at Orinda and Upper San Leandro treatment plants, disinfection modernization at Lafayette Treatment Plant, and designs for two additional locations;
- Pipelines – Distribution plans include replacement of more than 127 miles of pipeline over the next five years. The program eventually could replace up to 30 miles per year by FY 2029;
- Reservoirs – Distribution is driven by the \$69 million Mokelumne Aqueducts Recoating and Relining initiative;
- Pumping Plant replacements will occur regularly at two per year; and
- Other projects include system-wide technology modernization, improvements to the administrative building and maintenance center, and innovations to support efficient water connections for new homes and business.

Water System Major Capital Focus Areas

Expected Capital Expenses for Largest Investment Areas (\$ Millions)	
Award Purpose	Five-Year Cash Flow
Water Treatment	531.7
Pipelines - Distribution System	434.3
Reservoirs - Distribution	129.8
Pumping Plants	126.8
Process & System-Wide Improvements	121.2
New Business Infrastructure	118.1
District-Wide Building Facility Improvements	111.3

East Bay Municipal Utility District
General Manager's Message

Wastewater System Top Projects

The table shows the major Wastewater System capital projects and the projected five-year spending as we continue to make improvements to the Main Wastewater Treatment Plant (MWWTP) to maintain our strong record of regulatory compliance and protection of the San Francisco Bay:

- Rehabilitation of five interceptor segments;
- Modernization of the Influent Pump Station, Oxygen Production Plant, and Secondary Reactors and Clarifiers;
- Embark on a significant nutrient removal project, and engage with new regulatory requirements being simultaneously developed; and
- Other initiatives include the inception of a new Dewatering Building and the seismic retrofit of two buildings on the MWWTP property.

Wastewater System Major Capital Focus Areas

Expected Capital Expenses for Largest Investment Areas (\$ Millions)	
Award Purpose	Five-Year Cash Flow
Main Wastewater Treatment Plant	207.0
Wastewater Remote Facilities	63.8
Wastewater System-Wide Improvements	45.4

Using The Budget Document

The biennial budget document is comprised of two volumes. This volume contains all of the key budget information for both the Water and Wastewater Systems, including a District overview, detailed operating and capital budgets, and five-year financial forecasts. The attachment provides bill impacts for a wide range of use levels. The supplemental volume provides summaries of the projects in the CIP.

Since 1996, the District's budget documents have consistently received the Government Finance Officers Association's (GFOA) coveted Distinguished Budget Presentation Award. In addition, for the sixth time, the California Society of Municipal Finance Officers has conferred its Operating Budget Excellence Award for the District's biennial budget documents.



East Bay Municipal Utility District
General Manager's Message

Conclusion

Our history demonstrates the reliability of our water and wastewater services and our commitment to the communities we serve. Our experiences and the people who built our systems are woven into the fabric that makes the East Bay what it is today.

We have served the East Bay for 100 years and have overcome many challenges. Our employees in partnership with the community have always ensured we have high-quality, reliable water and protect the environment. Over the next century, we will confront new challenges. We will invest in our infrastructure and adapt to the impacts of climate change. We will work to ensure our water systems can deal with emerging contaminants. And we will work to reduce infiltration of stormwater and limit nutrient loads to better protect public health and the San Francisco Bay. And through it all, EBMUD will be there.

The FY 2024 and FY 2025 biennial budget funds critical infrastructure work and sets us on the right course for the next century. With the ongoing support of the Board, staff, and the community, I am confident that we will meet our challenges and ensure our operations remain sustainable and resilient.

This budget serves as a policy document and a financial plan for the next two fiscal years. I want to thank the staff whose collaborative efforts resulted in a budget that is based on fair and reasonable rates as we continue to provide and invest in reliable, high-quality water and wastewater services.

Respectfully submitted,



Clifford C. Chan
General Manager

CCC:SDS
Attachment

ATTACHMENT TO THE GENERAL MANAGER'S MESSAGE

Rate Impacts by Use Level and Customer Class

This attachment shows the bill impacts of the FY 2024 and FY 2025 water and wastewater rates and charges for a range of customer classes and use levels. Water use is measured in CCF (centum cubic feet) where 1 CCF equals 748 gallons.

WATER CHARGES: MONTHLY BILL IMPACTS

The following table shows the monthly bill impact of the adopted rate increases on a cross-section of single family residential customers, ranging from 4 CCF (25th percentile) to 24 CCF (95th percentile), and for the median customer using 6 CCF and the average customer using 8 CCF. The table shows the monthly bill impact although single-family residential (SFR) customers receive bills covering a two-month period.

Water Charges for Single-Family Residential Bills

Single-Family Residential Water Charges on Water Bill									
	Use*	FY 2023		FY 2024		FY 2025			
		Bill	Bill	\$ Change	% Change	Bill	\$ Change	% Change	
25 th Percentile	4	\$ 48.54	\$ 52.66	\$ 4.12	8.5%	\$ 57.12	\$ 4.46	8.5%	
50 th Percentile (median use)	6	\$ 57.74	\$ 62.64	\$ 4.90	8.5%	\$ 67.94	\$ 5.30	8.5%	
75 th Percentile	10	\$ 81.30	\$ 88.21	\$ 6.91	8.5%	\$ 95.67	\$ 7.46	8.5%	
95 th Percentile	24	\$ 186.02	\$ 201.85	\$ 15.83	8.5%	\$ 218.95	\$ 17.10	8.5%	
Average Single Family Residential Use**	8	\$ 68.66	\$ 74.49	\$ 5.83	8.5%	\$ 80.79	\$ 6.30	8.5%	

*Use presented in CCF per month. One CCF is about 748 gallons.

**8 CCF/month represents recent average single-family residential use.

The following table shows the monthly bill impact of the adopted rate increases for two multi-family residential (MFR) buildings: one with 4 units using 25 CCF per month, and one with 5+ units using 50 CCF per month. Impacts are also shown for a sample commercial customer using 50 CCF per month and an industrial customer using 500 CCF per month.

Water Charges for Multi-Family Residential (MFR) Bills

Multi-Family Residential (MFR) and Non-Residential Water Charges on Water Bill									
	Meter Size	Use*	FY 2023		FY 2024		FY 2025		
			Bill	Bill	\$ Change	% Change	Bill	\$ Change	% Change
MFR 4 units	1"	25	\$ 208.03	\$ 225.65	\$ 17.62	8.5%	\$ 244.85	\$ 19.20	8.5%
MFR 5+ units	1"	50	\$ 370.53	\$ 401.90	\$ 31.37	8.5%	\$ 436.10	\$ 34.20	8.5%
Commercial	1"	50	\$ 369.03	\$ 400.40	\$ 31.37	8.5%	\$ 434.60	\$ 34.20	8.5%
Industrial	2"	500	\$ 3,365.17	\$ 3,651.23	\$ 286.06	8.5%	\$ 3,963.23	\$ 312.00	8.5%

*Use presented in CCF per month. One CCF is about 748 gallons.

East Bay Municipal Utility District
General Manager's Message

WASTEWATER TREATMENT CHARGES: MONTHLY BILL IMPACTS

Wastewater customer charges appear in two separate places, on the water bill and the property tax bill. The tables below address each of these bills.

Wastewater charges are based on the volume of water used but are capped at a maximum of 9 CCF per month per single family residential customer as only indoor water use is discharged into the sewer system. The following table shows bill impacts for both an average single family residential customer using 6 CCF per month and a customer discharging the maximum of 9 CCF. In addition, impacts are shown for two multi-family residential customers: one with 4 units using 25 CCF per month, and one with 5+ units using 50 CCF per month. Impacts are also shown for a sample commercial customer using 50 CCF per month and an industrial customer using 500 CCF per month.

Wastewater Charges on the Water Bill, including Multi-Family Residential (MFR)

Wastewater Charges on Water Bill									
	Meter Size	Use*	FY 2023	FY 2024			FY 2025		
			Bill	Bill	\$ Change	% Change	Bill	\$ Change	% Change
Average Single-Family Residential	5/8"	6	\$ 24.89	\$ 26.98	\$ 2.09	8.4%	\$ 29.24	\$ 2.26	8.4%
Maximum Single-Family Residential	5/8"	9	\$ 29.18	\$ 31.63	\$ 2.45	8.4%	\$ 34.28	\$ 2.65	8.4%
MFR 4 units	1"	25	\$ 77.32	\$ 83.79	\$ 6.47	8.4%	\$ 90.77	\$ 6.98	8.3%
MFR 5+ units	1"	50	\$ 168.39	\$ 182.56	\$ 14.17	8.4%	\$ 197.79	\$ 15.23	8.3%
Commercial	1"	50	\$ 172.87	\$ 187.04	\$ 14.17	8.2%	\$ 202.27	\$ 15.23	8.1%
Industrial	2"	500	\$ 10,158.37	\$ 11,004.04	\$ 845.67	8.3%	\$ 11,924.77	\$ 920.73	8.4%

*Use presented in CCF per month. One CCF is about 748 gallons.

WASTEWATER WET WEATHER FACILITIES CHARGE: ANNUAL PROPERTY TAX BILL IMPACTS

The following table shows the annual Wet Weather Facilities Charges that are based on lot size and appear on the property tax bill for all parcels that have connections to local wastewater collection systems within the District's wastewater service area. Wet Weather Facilities include large storage systems and wastewater system infrastructure designed to prevent heavy storms from causing raw sewage overflows into San Francisco Bay.

Wastewater Wet Weather Facilities Charge on Property Tax Bill

Wastewater Wet Weather Facilities Charge on Property Tax Bill							
	FY 2023	FY 2024			FY 2025		
	Charge	Charge	\$ Change	% Change	Charge	\$ Change	% Change
Small Lot 5,000 sq. ft. or less	\$ 125.16	\$ 135.82	\$ 10.66	8.5%	\$ 147.38	\$ 11.56	8.5%
Medium Lot 5,001 - 10,000 sq.ft.	\$ 195.50	\$ 212.12	\$ 16.62	8.5%	\$ 230.16	\$ 18.04	8.5%
Large Lot 10,000 sq. ft. or larger	\$ 446.80	\$ 484.78	\$ 37.98	8.5%	\$ 526.00	\$ 41.22	8.5%

Chapter 1: Introduction

District Overview

ABOUT THE DISTRICT

In 1923, the East Bay Municipal Utility District (EBMUD or the District) was created by voters to supply water to parts of Alameda and Contra Costa counties in California. In 1929, upon completion of Pardee Dam, the highest concrete arch dam in the world at the time, the first water deliveries were made from the Sierra Mountains to the East Bay to serve a population of 460,000.



Water service is now provided to 1.4 million customers in a 332-square mile area, extending from Crockett in the north to San Lorenzo in the south, and eastward from San Francisco Bay to Walnut Creek and the San Ramon Valley.

Ninety percent of the water supply comes from rain and snowmelt within the protected watershed of the Mokelumne River and captured in Pardee and Camanche Reservoirs located on the western slope of the Sierra Nevada. The water is transported more than 90 miles west via three aqueducts to East Bay water treatment plants or terminal reservoirs, and from there to 175 local reservoirs and 4,200 miles of distribution pipeline. In 2002, to protect customers from the effects of a severe drought, the District created the Freeport Regional Water Project to convey up to 100 million gallons per day of supplemental Sacramento River water.

In 1944, voters in six of the East Bay cities served by the District elected to create a wastewater treatment facility to treat factory waste and raw sewage that was being released into San Francisco Bay. In 1951, the wastewater treatment began at a plant constructed in Oakland near the San Francisco-Oakland Bay Bridge. Wastewater service is now provided to 740,000 customers in an 88-square mile area along the east shore of the bay extending from Richmond in the north to Oakland in the south. In addition to treating wastewater, laboratory services operate 365 days a year to continually monitor the quality of our drinking water and the treated water from the wastewater plant that is discharged to San Francisco Bay.

The District has a seven-member Board of Directors elected from wards within the service area. The Water and Wastewater Systems are legally distinct entities governed by the same Board that is committed to governing through a public process, guided by the District's Mission Statement.

The mission of the District is:

"To manage the natural resources with which the District is entrusted; to provide reliable, high quality water and wastewater services at fair and reasonable rates for the people of the East Bay; and to preserve and protect the environment for future generations."

Board policies are implemented under the direction of the General Manager who, along with the General Counsel, is appointed by the Board. The Senior Management Team, comprised of department managers and directors, is responsible for managing operations. The District employs nearly 2,000 people in service to its mission.

KEY MILESTONES

1875	East Bay population of 15,000 served by several private water companies, but there is a lack of water storage. San Leandro Reservoir completed, later renamed after Anthony Chabot.
1910	Population swells to 150,000 after exodus from San Francisco due to the 1906 earthquake.
1919	San Pablo Reservoir completed by the East Bay Water Company.
1923	EBMUD is organized and then acquires water rights to the Mokelumne River.
1926	Upper San Leandro Reservoir completed by the East Bay Water Company.
1928	Lafayette Reservoir completed.
1929	Pardee Dam, highest in the world at the time, and the Mokelumne aqueduct completed.
1930	Population of 460,000 served at 35 million gallons per day (MGD).
1949	Second Mokelumne Aqueduct completed.
1951	Wastewater treatment system placed in operation to protect San Francisco Bay.
1963	Third Mokelumne Aqueduct completed.
1964	Camanche and Briones reservoir dams completed.
1970	Population of 1.1 million served at 220 MGD.
1974	EBMUD customers vote to add fluoride to water.
1985	Wastewater plant begins producing renewable energy.
1990	Population of 1.2 million served at 192 MGD.
1995	North Richmond Water Reclamation Plant begins producing recycled water.
1999	Wet Weather facilities completed to minimize storm induced sewer overflows to bay.
2000	Population of 1.3 million served at 216 MGD.
2002	Freeport Regional Water Authority established to allow access to new water supplies.
2010	Population of 1.3 million served at 174 MGD following the 2007-2010 drought.
2011	National law passed to limit lead in drinking-water plumbing based on EBMUD-sponsored California law.
2015	Population of 1.4 million served at 148.5 MGD.
2018	The Mokelumne River designated as California's 12th Wild and Scenic River.
2023	EBMUD Centennial

For a complete history of the East Bay Municipal Utility District, please visit the history page at www.ebmud.com/about-us/who-we-are/mission-and-history/.

Community

SERVICE AREA

Since 1929, when the District first delivered water from the Sierra Mountains to the East Bay, the population served has grown by almost a million people. Today the District’s service area includes many of the Bay Area’s largest employers. The District’s vitality is inseparable from the \$577 billion Bay Area regional economy, based on gross domestic product (GDP), which is essential to the economic health of California and the nation. The District’s infrastructure is extensive, with a replacement cost conservatively estimated at more than \$15 billion.

The District’s water service area covers 332 square miles and includes 20 cities and 15 unincorporated communities located in Alameda and Contra Costa counties on the east side of San Francisco Bay (the “East Bay”). The wastewater service area covers an 88 square mile area along the east shore of the bay extending from Richmond in the north to Oakland in the south. The map below shows the District’s water and wastewater service areas.

District Service Area Map



POPULATION

Approximately 1.4 million people are served by the Water System, 740,000 of whom are also served by the Wastewater System. Oakland, the largest city in Alameda County, is the eighth largest in the state. The following table includes population data for the largest cities in the service area.

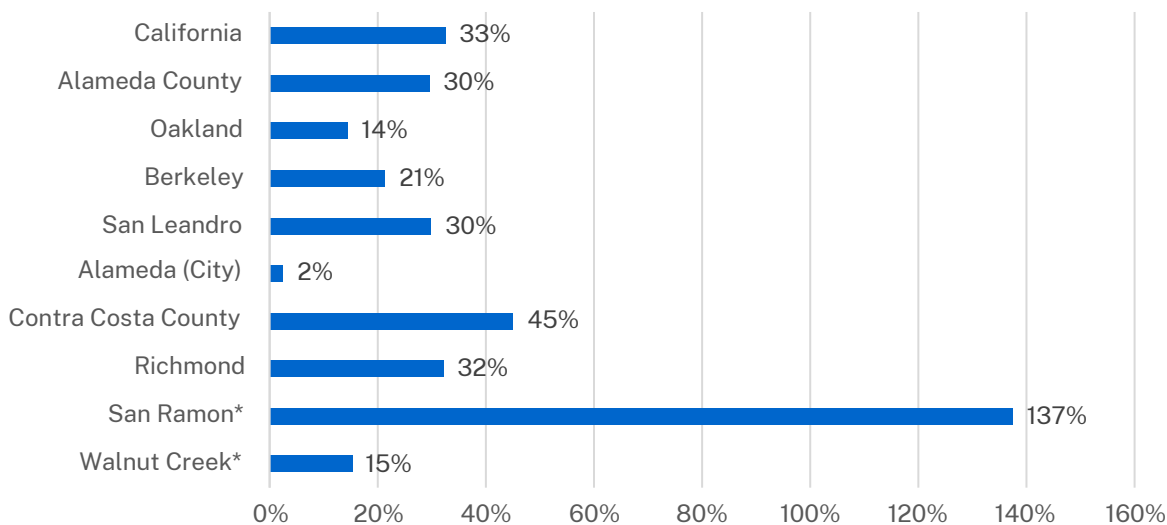
Population Statistics for Counties and Major Cities in the District's Service Area

Population Trends for Counties & Seven Largest Cities					
	1990	2000	2010	2020	2022
California	29,558,000	33,872,000	37,223,900	39,782,870	39,185,605
Alameda County	1,274,700	1,443,700	1,509,240	1,670,834	1,651,979
Oakland	371,100	399,500	390,757	433,697	424,464
Berkeley	102,700	102,700	112,621	122,580	124,563
San Leandro	68,100	79,500	84,977	87,930	88,404
Alameda (City)	75,900	72,300	73,835	81,312	77,784
Contra Costa County	797,600	948,800	1,047,948	1,153,561	1,156,555
Richmond	86,600	99,200	103,661	111,217	114,489
San Ramon*	35,300	44,800	72,148	83,118	83,820
Walnut Creek*	60,600	64,300	64,140	70,860	69,891

Source: California Department of Finance, Population Estimates for California Cities.

*EBMUD does not serve all of San Ramon or Walnut Creek, but total population is shown for each.

Population Growth Trends from 1990 to 2022



Source: California Department of Finance, Population Estimates for California Cities.

*EBMUD does not serve all of San Ramon or Walnut Creek, but total population is shown for each.

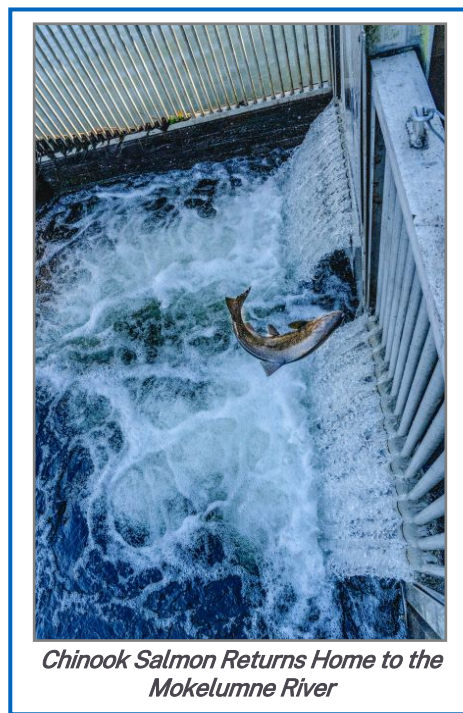
Water and Wastewater Systems

WATER SUPPLY

Ensuring a high-quality water supply for today and the future is one of the District’s highest priorities. Significant capital investments have been made to ensure a reliable water supply, such as securing supplemental water sources and expanding recycled water programs.

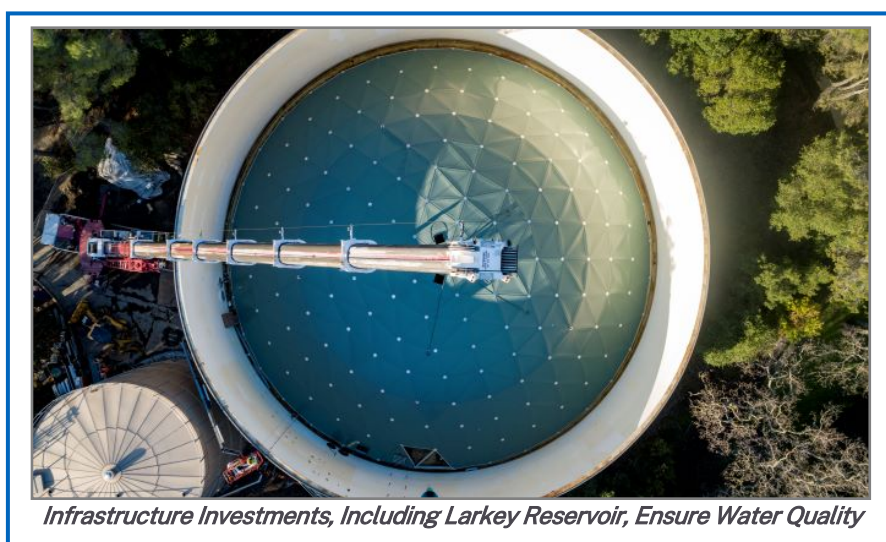
One of the most important factors in water quality is the source. Ninety percent of the District’s water comes from the 578-square mile watershed of the Mokelumne River located on the western slope of the Sierra Nevada. This area is mostly national forest, District-owned lands, and other undeveloped lands minimally affected by human activity. The watershed collects snowmelt, a high-quality water source, which flows into Pardee Reservoir near the town of Valley Springs.

Three large aqueducts carry this water more than 90 miles from Pardee Reservoir to the East Bay and protect it from pesticides, agricultural and urban runoff, and industrial discharges. When water demand is high or during times of operational need, the District also draws water from protected local watersheds.



Chinook Salmon Returns Home to the Mokelumne River

Before water reaches homes and businesses, the District takes many steps to ensure its quality. This includes carefully managing watershed lands and storage reservoirs; treating the water; maintaining water quality through a complex system of distribution pipes, pumping plants and neighborhood reservoirs; testing water samples in our laboratory and in the field; and addressing customer concerns. These efforts ensure that all customers receive high-quality drinking water that meets or surpasses all state and federal requirements.



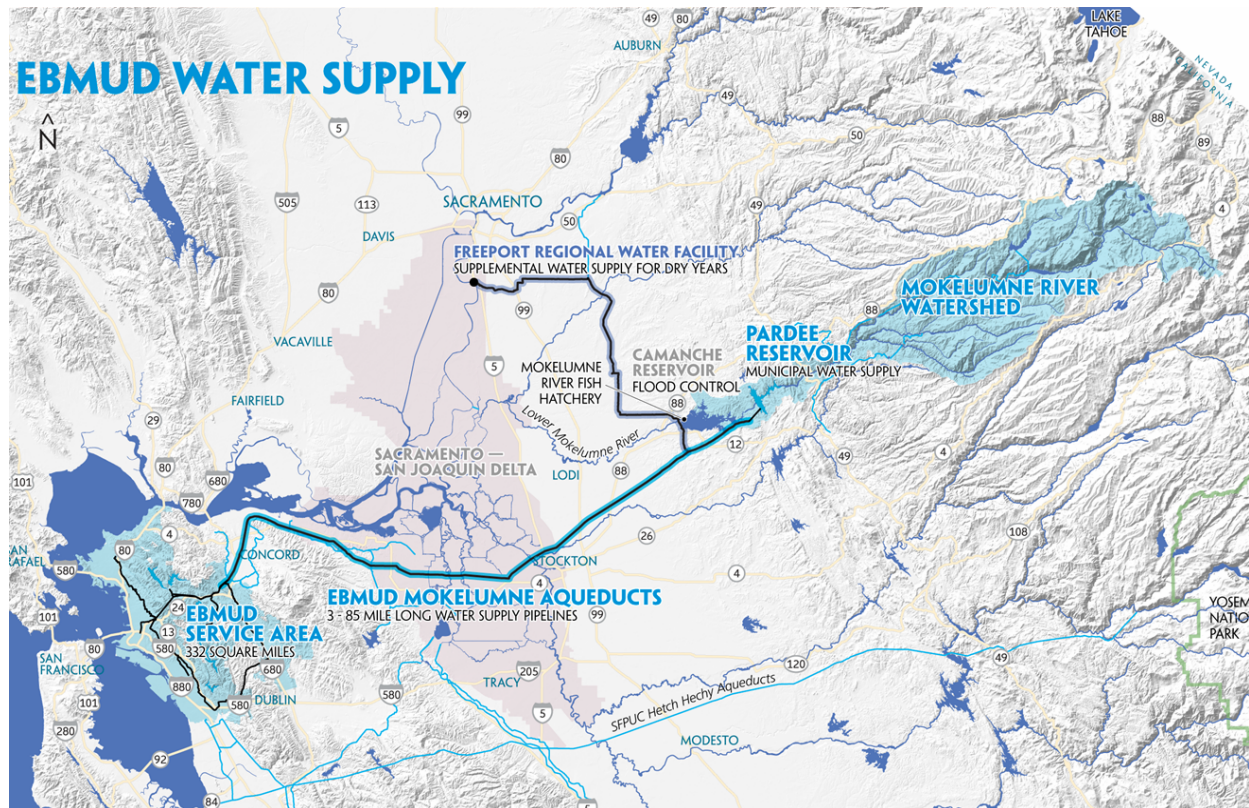
Infrastructure Investments, Including Larkey Reservoir, Ensure Water Quality

Every five years, the District updates its Urban Water Management Plan to ensure a reliable water supply for the next generation. Plan elements include making the best use of limited supplies through water conservation and recycling and developing long-term projects to augment the water supply, including water transfers from other water rights owners and regional projects with other agencies. The Plan was adopted by the Board on June 22, 2021. For more information, visit <https://www.ebmud.com/water/about-your-water/water-supply/urban-water-management-plan>.



The map below shows how the water travels from the Mokelumne River Watershed into Pardee Reservoir, across the Central Valley in the Mokelumne Aqueducts, and to the District’s service area.

Map Showing Water Supply from Mokelumne River Watershed to the San Francisco Bay



WASTEWATER TREATMENT

The District's wastewater treatment plant provides service for 740,000 people along the eastern shore of the San Francisco Bay, and treated approximately 51 million gallons of municipal wastewater per day in Fiscal Year 2022. Wastewater is collected from homes and businesses through privately owned sewer laterals that feed into a network of city and other regional sewers, which eventually join the District's sewer interceptors and pump stations. These facilities carry the wastewater to the treatment plant located in Oakland. Stormwater is collected through separate community-owned systems. The plant treats sewage to meet stringent state and federal standards before recycling it or releasing cleaned water to the Bay. Prior to its construction, raw sewage was discharged directly into the Bay. As a partner in the stewardship of the Bay, the District works with residents and businesses to help them keep contaminants out of the sewer system.

The District has been recycling and producing renewable energy at its wastewater plant since the mid-1980s. The District's plant transforms sewage and other organic wastes into green energy, nutrient-rich soil conditioner, and recycled water. The District produces sufficient renewable energy to meet its onsite power demands. Any excess energy is currently sold to the neighboring Port of Oakland.



Wastewater Treatment Plant – Oakland, CA

District Organization

BOARD OF DIRECTORS

The District has a seven-member elected Board of Directors who determines overall policies, which are then implemented under the direction of the General Manager. The Board of Directors believes that the District has a public responsibility to preserve the region's resources and set industry standards for water and wastewater utilities.

Directors are publicly elected to four-year terms from seven wards within the service area. The following map shows the areas included in each ward.

Map of District Service Area and Board of Directors Ward Boundaries



The Board of Directors is shown below. Additional information can be found at: www.ebmud.com/about-us/board-directors/your-board-members/.

Ward 1	Lesa R. McIntosh, Vice President	Term expires 12/31/2024
	CONTRA COSTA COUNTY: Cities of Crockett, Hercules, Rodeo, and San Pablo; portions of Richmond and Pinole; and communities of North Richmond and Selby.	
Ward 2	John A. Coleman	Term expires 12/31/2026
	CONTRA COSTA COUNTY: Cities of Alamo, Lafayette, Walnut Creek, Town of Danville; portions of San Ramon and Pleasant Hill and communities of Blackhawk and Diablo.	
Ward 3	Marguerite Young	Term expires 12/31/2026
	ALAMEDA COUNTY: City of Piedmont, and a substantial portion of Oakland. CONTRA COSTA COUNTY: Cities of Orinda and El Sobrante; Town of Moraga, and portions of Pinole and Richmond.	
Ward 4	Andy Katz, President	Term expires 12/31/2026
	ALAMEDA COUNTY: Cities of Albany, Berkeley, and Emeryville; and a portion of Oakland. CONTRA COSTA COUNTY: Cities of El Cerrito and Kensington.	
Ward 5	Douglas A. Linney	Term expires 12/31/2024
	ALAMEDA COUNTY: Cities of Alameda and San Lorenzo; West Oakland and Oakland Airport Area, and a portion of San Leandro.	
Ward 6	William B. Patterson	Term expires 12/31/2024
	ALAMEDA COUNTY: Portions of Oakland (East Oakland and south of Park Boulevard/5 th Avenue) to the San Leandro City boundary.	
Ward 7	April B. Chan	Term expires 12/31/2026
	ALAMEDA COUNTY: Castro Valley; portions of San Leandro and Hayward; communities of Cherryland and Fairview. CONTRA COSTA COUNTY: Portion of San Ramon.	

Board meetings are open to the public and are held twice monthly on the second and fourth Tuesday and at other times as needed. The Board is committed to governing through a public process, guided by the District’s Mission Statement.

SENIOR MANAGEMENT

The General Manager and General Counsel are appointed by and report directly to the Board of Directors.

Clifford C. Chan	General Manager
Derek T. McDonald	General Counsel

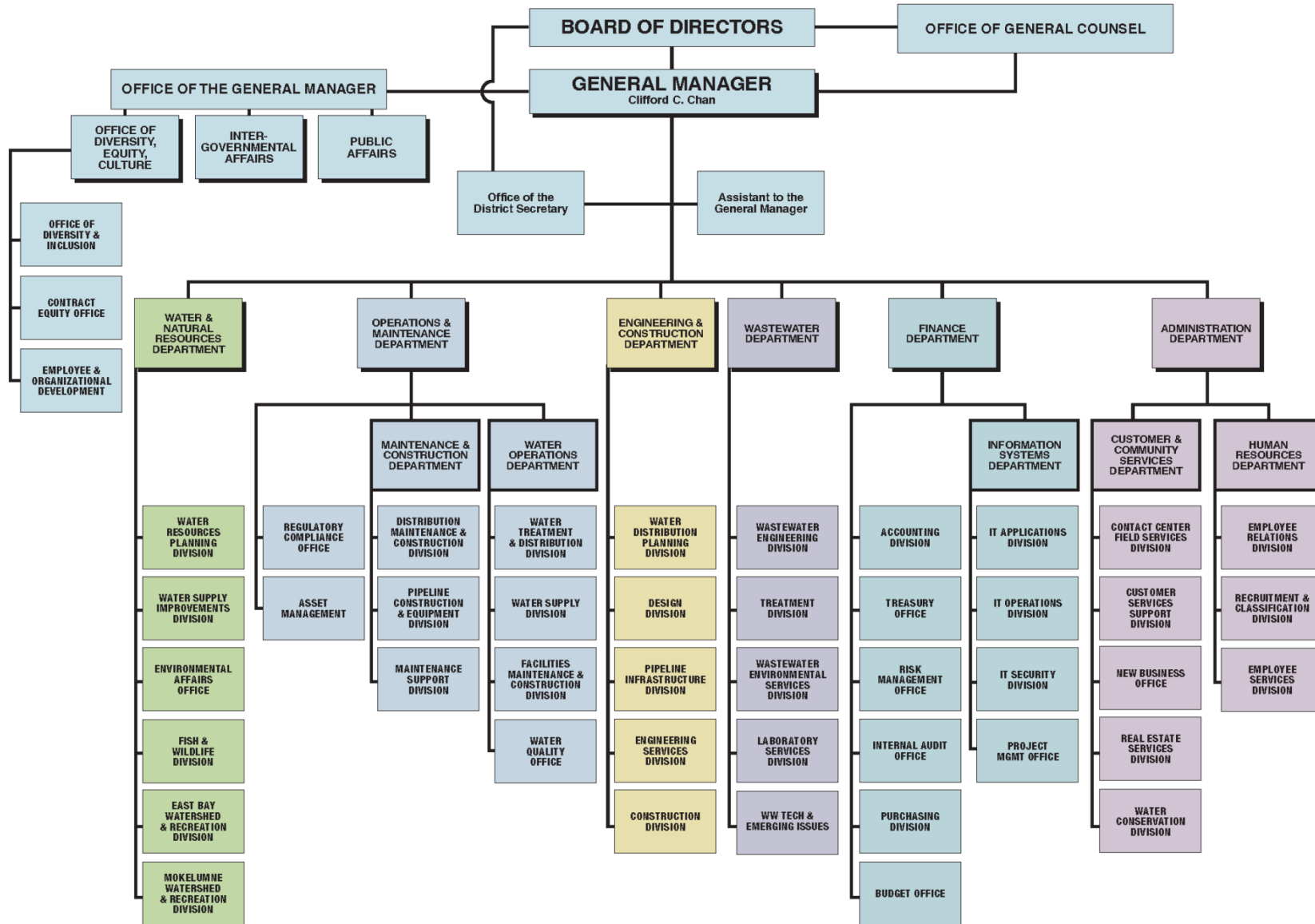
The Senior Management Team members are listed below.

Michael R. Ambrose	Manager of Maintenance and Construction/Water Operations
David A. Briggs	Director of Operations and Maintenance
Cindy R. Charan	Director of Human Resources
Rischa S. Cole	Secretary of the District
Janetta M. Johnson	Assistant to the General Manager
Andrew L. Lee	Director of Customer and Community Services
Orlando W. Leon	Chief Information Officer
Derry L. Moten	Special Assistant to the GM – Diversity, Equity, and Culture
Amit K. Mutsuddy	Director of Wastewater
Sophia D. Skoda	Director of Finance
Michael T. Tognolini	Director of Water and Natural Resources
Kathryn C. Viatella	Special Assistant to the GM – Legislative Affairs
Olujimi O. Yoloye	Director of Engineering and Construction
Kelly A. Zito	Special Assistant to the GM – Communications
Vacant	Manager of Maintenance and Construction/Water Operations

The chart on the following page provides an overview of the organization and shows the different departments and divisions within the District. It can also be found at www.ebmud.com/about-us/board-directors/management/.



ORGANIZATION CHART



WORKFORCE

The District has nearly 2,000 employees. Most are represented by the American Federation of State, County and Municipal Employees, Locals 444 and 2019; the International Federation of Professional and Technical Engineers, Local 21; and the International Union of Operating Engineers, Local 39. The majority of employees work in the East Bay, but some also work in the Central Valley and Mokelumne watershed area.

The District is an equal employment opportunity (EEO) employer, and a proud leader in taking proactive steps that support a diverse, inclusive workforce. The District strives to achieve a diverse workforce composition reflective of the labor market in regard to gender and race/ethnicity, and to develop action-oriented programs to improve recruitment efforts and increase diversity. We are committed to providing a professional environment which is free from EEO discrimination, harassment, and/or retaliation. We take affirmative action to employ and advance in employment of qualified women, minorities, protected veterans, and individuals with disabilities.

Started in FY 2022, the Office of Diversity, Equity, and Culture (ODEC), reporting to the General Manager, includes District functions related to diversity and development. This office led the effort to create a Diversity, Equity, and Inclusion Strategic Plan, along with a Two-Year Action Plan. These plans, with measurable goals, will support the District in meeting its goals to be an agency that reflects and meets the needs of its community and its staff.



Strategic Plan

SUMMARY

The District's Strategic Plan incorporates its mission and principles, and identifies its goals, strategies, objectives, and key performance indicators. The plan guides staff in the management and allocation of resources and assets. The Strategic Plan also guides the development of the biennial budget and the five-year Capital Improvement Program (CIP) to ensure that necessary resources are provided to implement the plan's strategies and objectives.

The current Strategic Plan was adopted by the Board of Directors in June 2020. It is the framework for how the District will respond to and prioritize challenges and evolving priorities. The plan incorporates the principles of fiscal responsibility, sustainability, and effective use of resources that minimize the District's environmental footprint.

The Strategic Plan includes the following elements:

- **Goals** define in broad terms the high-level achievements the District will pursue;
- **Strategies** define which actions are necessary to achieve each goal;
- **Objectives** reflect what needs to be accomplished in the near term; and
- **Key Performance Indicators (KPIs)** measure how well the District is doing in achieving its goals.



STRATEGIC PLAN GOALS

The District has established the following set of goals integrating sustainability principles:

- **Long-Term Water Supply:** We ensure a reliable high-quality water supply for the future.
- **Water Quality and Environmental Protection:** We meet or surpass environmental and public health standards and protect public trust values.
- **Long-Term Infrastructure Investment:** We maintain and improve the District's infrastructure in a cost-effective manner to ensure sustainable delivery of reliable, high-quality service now and in the future, addressing economic, environmental, and social concerns.
- **Long-Term Financial Stability:** We manage the District's finances to meet funding needs and maintain fair and reasonable water and wastewater rates.
- **Customer and Community Services:** We build stakeholder trust and long-term relationships through service excellence, proactive communication and education.
- **Workforce Planning and Development:** We create an environment that attracts, retains, and engages a high performing diverse and inclusive workforce in support of the District's mission and core values.

IMPLEMENTING THE PLAN

The purpose of the strategic planning process is to define the actions that need to be taken in the next three to five years to achieve the District’s mission now and into the future. The process is designed to assess the environment in which we operate and respond to both near and long-term challenges. The General Manager and the Senior Management Team lead the implementation of the Strategic Plan.

The Strategic Plan is adopted by the Board of Directors. Upon adoption, development of specific actions to implement the Strategic Plan begins. The Strategic Plan provides staff with an overall high-level direction to achieve future success; it does not describe the specific actions to be taken. By developing actions that are linked to the Strategic Plan we can ensure that we focus our resources on the highest priorities that will best serve our customers.

Strategic Plan Process



Individual employee performance plans are prepared annually to establish and communicate responsibilities and performance expectations to achieve the priorities contained in the plan.

The Strategic Plan is comprised of two documents. One contains our goals, strategies, and objectives to define the actions to take to ensure both long-term achievements and near-term accomplishments, and the other includes a comprehensive set of KPIs that reflect the various strategies and objectives contained within the six Strategic Plan goals.

The KPI results are measured annually against established targets to evaluate progress towards meeting our goals and are presented to the Board’s Finance Committee.

Strategic Plan goals, strategies, objectives, and KPIs are available in the Appendix and online at www.ebmud.com/about-us/who-we-are/.

The following page has the one-page summary of the Strategic Plan goals and strategies.

Strategic Plan | Goals and Strategies

Long-Term Water Supply

Goal: We ensure a reliable high quality water supply for the future.

- Strategy 1** Preserve current water rights and entitlements and augment the District's successful water supply projects by obtaining supplemental supplies to meet customer demands.
- Strategy 2** Reduce potable water demand through water efficiency and conservation and build on past water savings success to help ensure a reliable water supply.
- Strategy 3** Reduce potable water demand through water recycling and build on past success to achieve a diversified and reliable water supply.
- Strategy 4** Consider the impacts of climate change and take appropriate action to understand and balance mitigation and adaptation responses to those impacts through sustainable activities.

Water Quality and Environmental Protection

Goal: We meet or surpass environmental and public health standards and protect public trust values.

- Strategy 1** Manage the Mokelumne and East Bay watersheds to ensure a high quality water supply and protect natural resources while providing appropriate public access.
- Strategy 2** Operate and maintain District facilities to surpass federal and state drinking water regulations.
- Strategy 3** Operate and maintain District facilities to anticipate and meet all water discharge, air emission, and land disposal requirements to protect and enhance the environment.
- Strategy 4** Minimize impacts to the environment by reducing, recycling, reusing and reclaiming waste, and by conserving natural resources.
- Strategy 5** Ensure protection and stewardship of San Francisco Bay.
- Strategy 6** Operate Pardee and Camanche Reservoirs and facilities as an integrated system to achieve multiple objectives including municipal water supply, stream flow regulation, environmental protection, flood control, hydropower, and releases for downstream requirements.

Long-Term Infrastructure Investment

Goal: We maintain and improve the District's infrastructure in a cost-effective manner to ensure sustainable delivery of reliable, high quality service now and in the future, addressing economic, environmental, and social concerns.

- Strategy 1** Maintain coordinated master plans for all facilities and assets.
- Strategy 2** Meet operational needs and reliability goals by effectively maintaining the infrastructure.
- Strategy 3** Implement the master plans and set priorities in the operating and capital budget process to reflect the needs identified in those plans.

Long-Term Financial Stability

Goal: We manage the District's finances to meet funding needs and maintain fair and reasonable water and wastewater rates.

- Strategy 1** Maintain a long-range financing plan that sets forth the long-term funding needs of the District.
- Strategy 2** Implement water and wastewater rates and charges that are legal, fair, reasonable, and equitable.
- Strategy 3** Ensure integrity, accountability and transparency in financial management.
- Strategy 4** Implement technologies that improve the efficiency and effectiveness of business processes.

Customer and Community Services

Goal: We build stakeholder trust and long-term relationships through service excellence, proactive communication and education.

- Strategy 1** Build public awareness of the District's priorities, initiatives, systems and services.
- Strategy 2** Continue to build trust by providing quality service, timely information, and resolution of customer and community inquiries.
- Strategy 3** Build long-term partnerships in the community, regionally and nationally, in areas of shared interest and in support of the District's mission.
- Strategy 4** Maintain active Emergency Preparedness and business continuity Programs to plan for, minimize interruptions, and manage the District's essential functions during an emergency and allow for an efficient and effective recovery.

Workforce Planning and Development

Goal: We create an environment that attracts, retains and engages a high performing diverse and inclusive workforce in support of the District's mission and core values.

- Strategy 1** Coordinate workforce planning activities to determine future needs, identify gaps and implement actions to close the gaps.
- Strategy 2** Continue to develop employees to meet evolving workforce demands and implement actions to close gaps.
- Strategy 3** Support District values, recognize employee contributions, and establish clear performance measures to achieve a high performance culture.
- Strategy 4** Enhance the District's ability to recruit a highly qualified, diverse staff that exhibits the District's values.

For the complete Strategic Plan, go to
www.ebmud.com/about-us/who-we-are

EBMUD Fun Fact:

EBMUD infrastructure provides 9 million gallons of recycled water each day. That's the equivalent of 250,000 baths filled every single day.

Chapter 2: Finance & Budget Overview

This chapter describes the District's financial structure and organization, and budget development process, and responsibilities. It provides the parameters under which the budget is created.

Financial Organization

FUND STRUCTURE AND DESCRIPTIONS

The District's financial structure is composed of proprietary funds (ongoing business operations) and fiduciary funds (see glossary for definitions of terms). The proprietary funds include two legally distinct and financially independent enterprise funds: Water System and Wastewater System. The two separate funds preserve the unique expenditure and revenue distinction between the two entities. When services are provided by one system for the benefit of the other, the appropriate fund is billed and cash transfers are made.

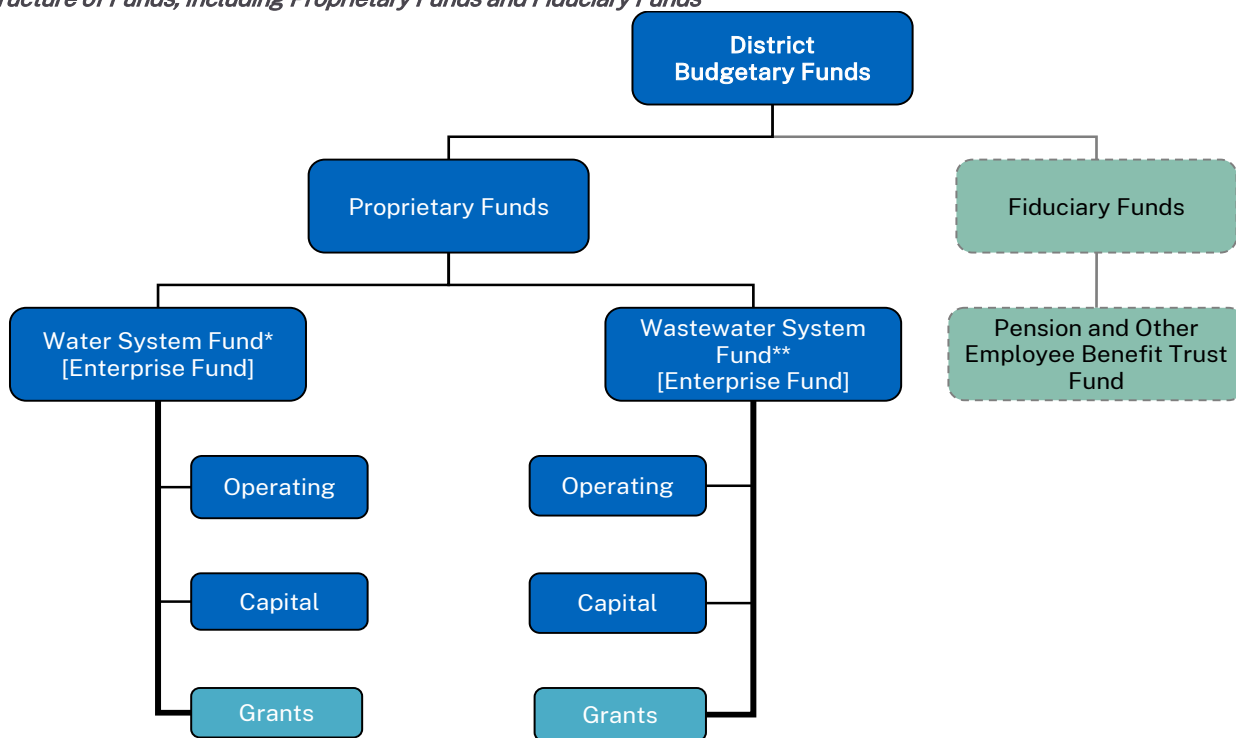
- The Water System is engaged in the collection, transmission, and distribution of water to communities within Alameda and Contra Costa Counties of California. In addition, the Water System provides support services to the Wastewater System and the cost of these services are charged to the Wastewater System. The Water System consists of 14 staffed departments.
- The Wastewater System is engaged in the treatment of wastewater from residences and industries in the California communities of Alameda, Albany, Berkeley, Emeryville, Oakland, Piedmont, and the Stege Sanitary District. The Wastewater System consists of one staffed department.

Both systems are proprietary and enterprise funds. Enterprise funds are used to account for operations that are financed and operated in a manner similar to private business enterprises where the intent of the governing body is that the expense of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges.

The Water System performs many support functions for the Wastewater System. These functions include but are not limited to financial services such as accounting, human resources services such as recruitment, information technology, customer services, legal services, and general oversight and governance. The Wastewater System reimburses the Water System directly for these services through a joint administrative and general annual expense.

Both systems are governed by the same elected Board of Directors and share policies and procedures. Throughout this document, the 'District' refers to the East Bay Municipal Utility District and is understood to encompass both the Water and Wastewater Systems.

Structure of Funds, Including Proprietary Funds and Fiduciary Funds



***Staffed Departments**

- Administration
- Customer & Community Services
- Engineering & Construction
- Finance
- Human Resources
- Information Systems
- Maintenance & Construction
- Natural Resources
- Office of the General Counsel
- Office of the General Manager
- Operations and Maintenance Support
- Water Operations
- Water Recycling Program
- Water Resources

****Staffed Department**

- Wastewater

These funds are organized according to the Uniform System of Accounts for Water Utilities, as established by the California Public Utilities Commission, and adhere to the Government Finance Officers Association (GFOA) requirements for enterprise funds. Funds specific to grants have been added in order to standardize the accounting for grant-funded expenses, including both District costs and pass-through expenses.

In addition to the proprietary funds, the District maintains a fiduciary fund to account for resources held for the benefit of parties outside the government. The fiduciary fund consists of the Pension and Other Employee Benefit Trust Fund, which is maintained to account for assets held by the Employees' Retirement System in a trustee capacity for vested and retired employees.

FINANCIAL REPORTING

Financial reports are prepared in conformity with generally accepted accounting principles. At the conclusion of each fiscal year, the Finance Department prepares the Annual Comprehensive Financial Report in compliance with principles and standards for financial reporting set forth by the Governmental Accounting Standards Board (GASB), and the guidelines recommended by the GFOA of the United States and Canada. An application has been submitted to GFOA for the Certificate of Achievement for Excellence in Financial Reporting for the Comprehensive Annual Financial Report for the fiscal year ending June 30, 2022. The Certificate of Achievement is a national award recognizing conformance with the highest standards for preparing a state and local government financial report. To receive the award, a government unit must publish an easily readable and efficiently organized report that satisfies both generally accepted accounting principles and applicable legal requirements. If awarded, this will be the sixteenth consecutive year that the District has received the award.

BUDGETARY AND ACCOUNTING BASIS

The basis of budgeting and accounting refers to the method for recognizing revenue and expenses in financial and budgetary reporting.

The District's budgets are prepared on a modified cash basis which projects the cash inflows and outflows over the course of a fiscal year (July 1 through June 30) excluding physical and intangible assets such as depreciation. Revenues are recognized as they are received and accounted for, while expenditures are recognized at the time commitments are incurred.

The District's accounts and transactions are tracked on an accrual basis, which is the basis of accounting under generally accepted accounting principles. Under this method, all assets and liabilities associated with operations are included on the balance sheet; revenues are recorded when earned and expenses are recorded at the time commitments are incurred.

Depreciation and amortization are handled differently in budgetary and financial reporting. In budgetary reporting, depreciation and amortization are excluded, and the repayment of the principal on debt as an expense is included. In financial reporting, depreciation and amortization are included, and the repayment of the principal on debt as an expense is excluded.

This table illustrates the differences between the budget and accounting basis described above.

Revenue and Expenses on a Budgetary Basis Compared to Accounting Basis

	Budgetary	Accounting
	(Modified Cash Basis)	(Accrual Basis)
Revenue	Recognized when received and accounted for	Recorded when earned
Obligations	Recognized at the time commitments are incurred	Recorded at the time commitments are incurred
Depreciation and amortization	Excluded	Included
Repayment of principal on debt	Included	Excluded

FINANCIAL PLANNING

The District prepares a strategic plan and annual financial forecasts that provide the basis for developing the budget. Long-term financial stability is a goal in the Strategic Plan, which includes managing the District's finances to support its needs and maintain reasonable water and wastewater rates.

Revenue requirements over a five-year planning horizon are evaluated to determine the level of rate adjustments required for the upcoming budget years. To the extent possible, increases in water and wastewater rates are adjusted to avoid large fluctuations.

FINANCIAL POLICIES

The District establishes policies and resolutions to comply with the stipulations set forth in the Municipal Utility District Act of the State of California (MUD Act). District policies are reviewed biennially; some policies such as the Investment Policy are reviewed annually. The policies described below set forth key objectives for long-range financial planning and control.

The following policies will be included in the Appendices as a reference:

- Policy 4.02 Cash Reserves
- Policy 4.04 Financial Planning and Budgetary Control
- Policy 4.07 Investment Policy
- Policy 4.13 Establishing Water and Wastewater Rates
- Policy 4.27 Debt Management

Policy 4.02: Cash Reserves

This policy identifies specific financial metric targets. The District strives to maintain operating reserves at a level sufficient to meet working capital and unanticipated needs, specifically:

- Maintaining Working Capital Reserves of at least 3.0 times monthly net operating and maintenance expenses.
- Maintaining Self-Insured Liability Program Reserves based on the Actuarial Self-Insured Retention (SIR) funding recommendation.
- Maintaining Workers' Compensation Program Reserves based on the Actuarial SIR funding recommendation.
- Maintaining Rate Stabilization Reserves:
 - o The Water System requires a minimum of 20 percent of projected annual water volume revenues.
 - o The Wastewater System requires a minimum of 5 percent of operating and maintenance expenses.

Policy 4.04: Financial Planning and Budgetary Control

This policy provides for the efficient use of District resources through financial planning and cost control; keeps total annual expenditures to the level of total annual revenue; provides periodic status reports on revenues, expenditures, and investments; and establishes the authority of the General Manager to transfer up to 5 percent of each fiscal year's budget between the capital and operating budgets within each System's funds, provided that the total budget for each System fund remains unchanged. Budget transfers between the Water and Wastewater Systems are prohibited.

Policy 4.07: Investment Policy

This policy guides the investment of District funds. The policy ensures that all investments are compliant with the state law, and protects investments (safety), ensures availability of funds when needed (liquidity), provides earnings on the investment portfolio (yield) while reducing risk by investing in a variety of instruments (diversification) and the District’s Conflict of Interest Code. Among the key guidelines included in the policy are the types and characteristics of permitted investments, parameters for investment decisions, reporting requirements, and internal controls.

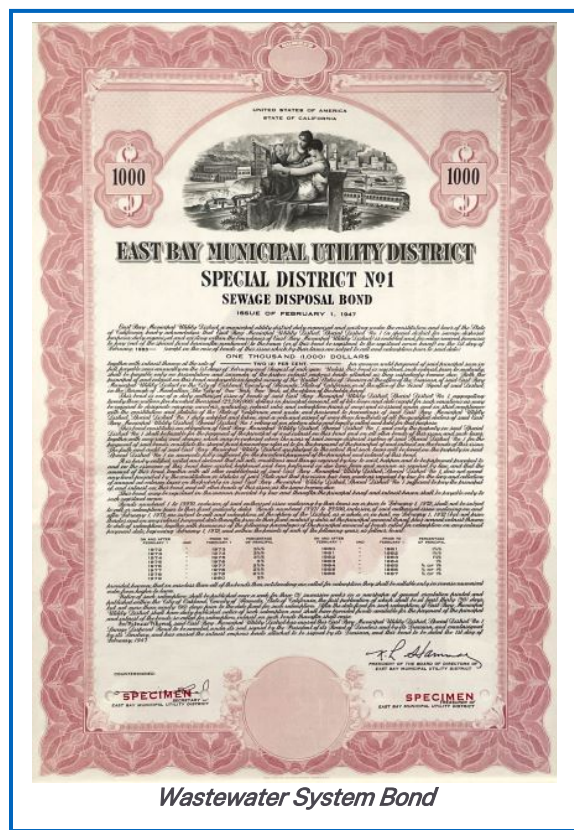
Policy 4.13: Establishing Water and Wastewater Rates

This policy sets forth the rate methodology, rate design, and rate distribution that provide adequate revenues while keeping rates affordable, encouraging conservation and efficient use of water, and reflecting the cost of providing service to customers. Rates should provide sufficient revenue to support a safe, reliable, and sufficient water supply and wastewater treatment services to its customers over the long term.

Policy 4.27: Debt Management

This policy strives to maintain a reasonably conservative ratio between current funding sources and debt financing by:

- Maintaining an annual revenue bond debt service coverage ratio of at least 1.6 times;
- Limiting debt-funded capital to no more than 65 percent of the total capital program over each five-year planning period; and
- Limiting commercial paper/variable rate debt to 25 percent of outstanding long-term debt.



Budget Process

SUMMARY

During the budget process, the District makes decisions on the efficient use of its resources using the Strategic Plan for guidance. A financial plan and biennial budget are established for the Water and the Wastewater Systems that includes the operating and capital programs and sets levels of related expenditures that may be made.

The budget reflects the costs necessary to provide customers with safe, reliable water and wastewater service over the long-term while keeping rates fair and reasonable. The budget is also used to develop rates and charges that provide adequate revenues to meet the District's needs and encourages the efficient use of water.

Decisions on allocating resources and addressing budget needs do not end when the Board adopts the budget. Throughout the year, departments are responsible for implementing the budget and monitoring budget performance, responding to unforeseen or emergency circumstances, and participating in long-range financial planning.

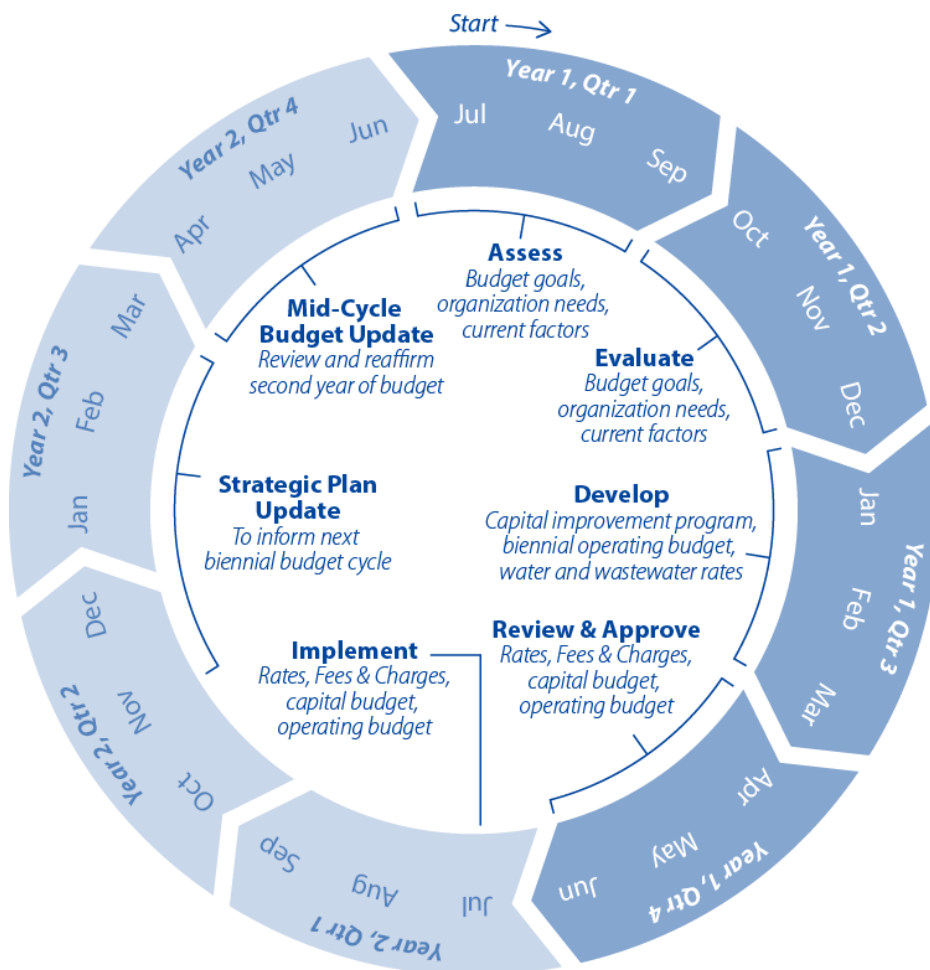
The District received the GFOA's Distinguished Budget Presentation Award for its FY 2022 and FY 2023 biennial budget document. This is the seventeenth consecutive budget document for which the District has received the GFOA award. For the sixth time, the California Society of Municipal Finance Officers (CSMFO) has presented the Excellence in Budgeting Award to the District. To qualify for these awards, the budget document had to meet stringent guidelines and criteria.

BALANCED BUDGET

The District budget is balanced when revenues are equal to or greater than expenditures including debt service and ending fund balances meet minimum policy levels. The budget is established on the principle of overall revenue neutrality, as outlined in the American Water Works Association (AWWA) Principles of Water Rates, Fees and Charges recommendations for government-owned utilities. The District's rates and charges are set to ensure that revenues are sufficient to recover the total cash needs in a given fiscal year.

BUDGET DEVELOPMENT CALENDAR

The District has a biennial budget process which is represented in the graphic below and described more fully in the following text.



Assess	Budget goals, organization needs, and current factors
July	Strategic Plan adopted.
August	Budget guidelines and assumptions prepared.
September	Capital and operating budget development starts.
Evaluate	Budget goals, organization needs, and current factors
October	Capital Steering Committee process begins.
November	Review of operating and capital budget requests begins.
December	Senior Management Team (SMT) reviews and discusses budget requests.

Develop	Capital Improvement Program (CIP), biennial operating budget, water and wastewater rates
January	Operating budget and CIP recommendations developed with Board input in the first Budget Workshop.
February	Semi-Annual Budget Performance Report presented to the Board, which provides six months of actual performance, which informs the budget and rates development process. Proposed budgets and rates are developed, along with Water and Wastewater rates to fund budget.
March	Documents are prepared to present proposed budget and rates to the Board and the public. The General Manager presents the proposed operating and capital budgets, and proposed rates, fees and charges to the Board at the second budget workshop.
Approve	Rates, fees & charges, capital budget, operating budget
April	Another budget workshop occurs if needed to address any direction given by the Board at previous budget workshops. California Proposition 218 notices are distributed to property owners.
May	The General Manager's recommendations on the proposed rates, charges, and fees are filed with the Board of Directors.
June	Public hearing on rates is held. Board adopts operating and capital budgets; rates, fees and charges schedules; and positions authorization.
Implement	Adopted rates, fees & charges, capital and operating budgets
July	Adopted rates and budget implementation begins. Adopted budget, and rates and charges schedules published.

REPORTS AND UPDATES TO THE STRATEGIC PLAN AND BUDGET

Strategic Plan Update

The Strategic Plan is updated every several years. The plan provides the District with overall direction for several years, sets priorities, and guides the development of the budget within those priorities.

Mid-Cycle Budget Update

The Board of Directors approves the budget covering a two-year period. The Board reviews and reaffirms the second year of the two-year budget prior to the start of a new fiscal year in July. A Mid-Cycle Budget Update workshop provides the Board of Directors with a budget status and any projected changes to revenues, expenditures, and staffing.

Annual and Semi-Annual Budget Performance Reports

At the mid-point and conclusion of each fiscal year, the Board of Directors is provided with a comparative analysis of expenditures to budget.

BUDGET RESPONSIBILITIES

Budget decisions are made through a process that involves the Board of Directors, District staff and the public. The responsibilities for financial management planning and budget control are:

Departmental Responsibilities

- Prepare CIP and biennial budget requests;
- Monitor financial performance and take prompt corrective action as needed;
- Monitor key performance indicators and take corrective action as appropriate; and
- Inform the General Manager when unforeseen circumstances indicate that budget amounts may be exceeded or that expected revenues may be less than planned.

Finance Department Responsibilities

ACCOUNTING

- Produce monthly and annual expenditure and revenue reports;
- Prepare and present information on financial trends to facilitate evaluation of the District's financial position and identify conditions requiring management attention; and
- Prepare periodic reports on the status of expenditures, revenues, investments, and actions taken to ensure the financial stability of the District.

OFFICE OF BUDGET AND PERFORMANCE

- Facilitate the development of the Strategic Plan;
- Project financial needs, and recommend methods for meeting those needs;
- Prepare the District's biennial operating and CIP budgets;
- Prepare monthly, quarterly, semi-annual, and annual budget performance reports;
- Prepare the mid-cycle budget update;
- Assist departments throughout the year with their budgets and financial issues; and
- Develop procedures and controls to monitor and ensure compliance with the budget.

TREASURY OPERATIONS

- Monitor District's liquidity and ensure funds are available as needed, invest funds in accordance with Board policy, wire funds to pay approved demands, and take other actions associated with the prudent management of the District's financial resources;
- Provide for the issuance of debt to fund the CIP; and
- Prepare financial projections, schedules of rates and charges, and other financial materials.

General Manager's Responsibilities

- Review and present to the Board long-range plans, budgets and revisions, schedules of rates and charges, payments of financial demands, and other financial transactions, as necessary;
- Authorize budget transfers up to five percent of the fiscal year's budgets between the operating and capital budgets in each of the Water and Wastewater System's budgets, provided that the total budget for each of the two systems remains unchanged; and
- Implement emergency financial procedures within approved limits, when necessary.

BUDGETARY CONTROLS

Automated District-wide budgetary controls track spending to the amounts set in the budget. Budgetary controls function differently for operating and capital budget appropriations.

For the operating budget, each department is controlled within each of the three expenditure categories: personnel costs, contract services, and operations and maintenance. Departments may not exceed their authorized operating budget for each fiscal year unless there are available contingency funds to cover the additional expenses. The Office of Budget and Performance monitors the budget and oversees the contingency fund.

For the capital budget, each capital Award is controlled based on its appropriation. An Award may not exceed its total appropriation. Unlike the operating budget, which expires on June 30 of each fiscal year, capital appropriations are multi-year and will last through the life of the project.

BUDGET ADJUSTMENTS

Adjustments to the operating budget are reallocations of funds between organizational units, categories, or line items, which allow departments to have financial flexibility within established budgetary controls. Approval is required by the affected department(s) and by the Office of Budget and Performance.

Budget adjustments to the capital budget are reallocations of funds within or between awards. Approval from the affected department(s) and the Office of Budget and Performance is required for all budget adjustments.

Operating appropriations can be transferred between fiscal years if allowed under the parameters of the Board-approved budget resolution, as long as there is no net increase in appropriations without additional Board approval. Capital funds are generally transferred from one fiscal year to the next as long as the appropriations are for the same approved Capital projects.

General Manager approval is required for the reallocation of funds between the operating and capital budgets of the Water and Wastewater Systems. Approval from the Board of Directors is required for increases to the total budgets of the Water or Wastewater Systems. No appropriations can be transferred between the Water and Wastewater Systems.

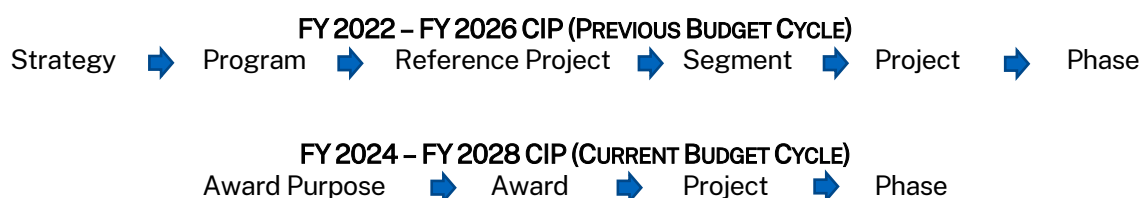
CAPITAL IMPROVEMENT PROGRAM PREPARATION

New CIP, New Structure

The CIP communicates the District’s planned infrastructure investments for the next five years by identifying and prioritizing capital needs. Developed biennially and incorporated into the District-wide budget, the CIP consists of projects that typically result in the construction of new facilities, or the rehabilitation or upgrade of existing facilities. Project costs include all expenditures required to study, plan, design, construct or upgrade new or existing facilities. Projects can also include large equipment purchases and the creation or replacement of technology infrastructure.

For the FY 2024 – FY 2025 budget, the District restructured the organization of the CIP. The following flow charts and table illustrate the changes to the structure of the District’s capital endeavors.

Capital Improvement Program Organization Flowchart (from highest level to lowest level)



Capital Improvement Program Structural Changes

FY 2022 – FY 2026 CIP	FY 2024 – FY 2028 CIP
<p>Strategy: A group of several programs representing key capital objectives as identified in the Strategic Plan.</p>	<p>Award Purpose: A broadly defined group of related Awards, combined to facilitate planning, reporting, and decision-making, often around major asset classes or key strategies. Examples include Pipelines - Distribution System, Raw Water System, and Sustainable Energy.</p>
<p>Program: A group of related projects combined to facilitate planning and decision-making.</p>	
<p>Segment: A discrete set of projects that can be carried out independently but require coordination with other projects to ensure overall success. Every award must have at least one Project, and Projects may have multiple Phases, such as planning, design, and construction.</p>	<p>Award: A discrete set of projects that can be carried out independently but require coordination with other projects to ensure overall success. Every Award must have at least one Project, and Projects may have multiple Phases, such as planning, design, and construction.</p>
<p>Project: A subset of an Award that can be carried out independently but may require coordination with other work within the Award. Cash flows and appropriations are allocated at the Project level, and roll-up to the Award.</p>	
<p>Phase: The planning, design, or construction stages of a Project. The budget and expenses for each phase are tracked separately in the District’s financial management software but are grouped under a Project.</p>	

CIP Budget Development

The responsibilities for preparing and managing the CIP continue to be shared.

OFFICE OF BUDGET AND PERFORMANCE

The Office of Budget and Performance (OBP) is the central budgeting office, responsible for coordinating the development of the capital budget and on-going monitoring throughout the fiscal year, including:

- Manage the CIP budget preparation and planning process, including forecasting, stewardship of enterprise budget development software, and internal communications;
- Provide staff support to the Capital Steering Committee (CSC);
- Ensure that the decisions of the CSC and General Manager are reflected in the budget;
- Determine the level and sources of funding necessary for the CIP;
- Report to the General Manager and CSC the status of capital cash flow spending; and
- If required, request General Manager or Board approval for adjustments to the CIP project appropriations.

PROJECT MANAGEMENT

Project managers across the organization endeavor to meet the requirements of the biennial CIP budget process and to implement specific projects. During budget development the project appropriations and cash flows are updated, and project descriptions and justifications are modified to identify recent and anticipated major accomplishments. Managers also work together to identify the most effective ways to schedule, staff, and coordinate projects. The steps used to budget for the CIP are:

- Propose and justify new capital projects needed to carry out the District's goals;
- Identify how resources will be allocated to accomplish the work; and
- Identify the required appropriation and estimated cash flow for each project, planning for scope, schedule and budget variations, and accounting for contingency funds and inflation and other escalations.

CAPITAL STEERING COMMITTEE (CSC)

The CSC consists of Department Directors and Managers responsible for the overall management of the CIP during the budget preparation process. Responsibilities include:

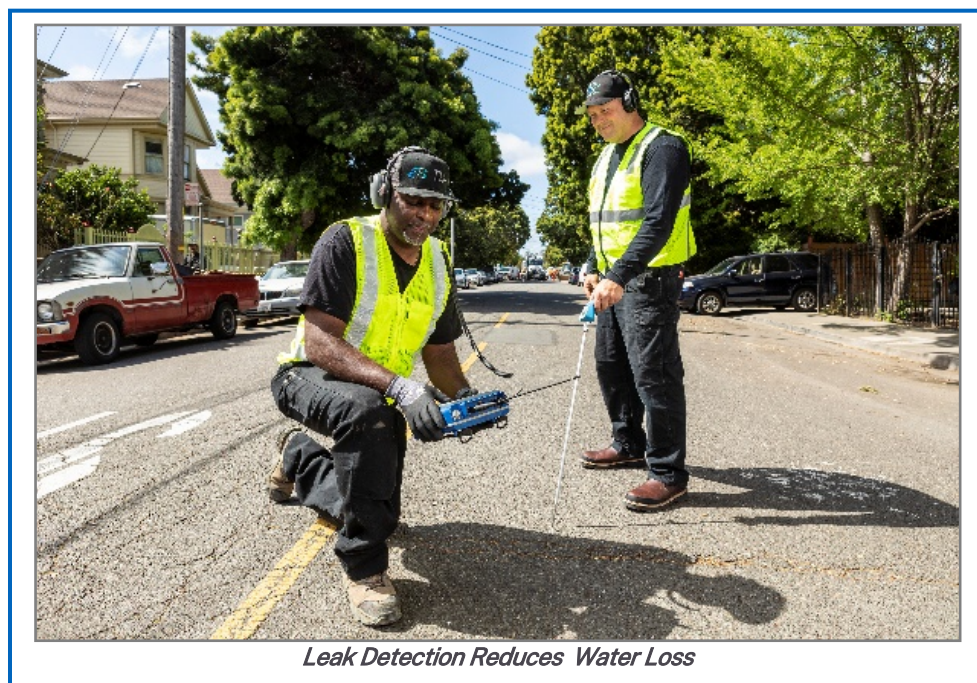
- Serve as an advisory group to the General Manager and the Office of Budget and Performance;
- Review projects for opportunities to combine projects, streamline costs, and determine the necessity for proposed new projects;
- Confirm the adequacy of District resources to complete projects;
- Analyze and challenge planned project cash flow amounts;
- Finalize the list of individual projects to be presented to the General Manager and Board of Directors based on available resources, project need, and priority;
- Review the status of the CIP regularly;
- Provide direction to project management staff to resolve administrative issues; and
- Authorize necessary changes to project scope, schedule, and budget that are within staff's administrative authority.

Scenario Development

For the FY 2024 – FY 2028 CIP, the Office of Budget and Performance and CSC challenged staff to develop multiple CIP scenarios, with varying spending projections and associated rate increases, debt implications, and risk priorities to ultimately arrive at the CIP outlined in this document. This process of discernment was instrumental in prioritizing the organization’s critical infrastructure needs. In future CIPs, the Office of Budget and Performance plans to incorporate even more robust prioritization processes into the development of the CIP.

Technology

In FY 2022, the District replaced its internally developed financial and budget software with cloud enterprise systems. These new platforms are modernizing the District’s financial processes, enhancing reporting, streamlining data entry, and encouraging innovative methods of budget development. This is expected to support this and future CIP development processes. The new tools will also prove instrumental as the District plans to pursue more external funding opportunities for capital, particularly focused on state and federal grants with associated monitoring and reporting requirements.



Leak Detection Reduces Water Loss

EBMUD Fun Fact:

EBMUD produces 164 million gallons of water per day – enough to fill more than 2.6 billion drinking glasses, or enough for each of EBMUD’s 1.4 million customers to have about 1,800 glasses of water every day.

Stay hydrated!

Chapter 3: Budget Summary

OVERVIEW

This chapter summarizes the biennial budget for the Water and Wastewater Systems and includes the following topics:

- Budget Appropriations
- Operations, Debt Service, & Capital Improvement Program
- Staffing & Labor and Benefits
- Sources of Funds & Fund Summaries

Budget Appropriations

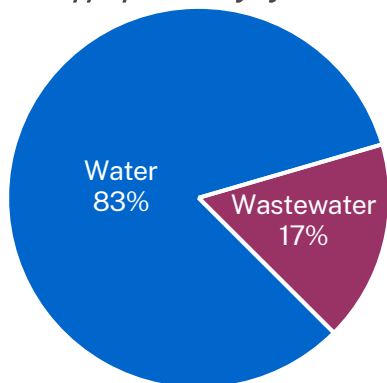
The budgeted appropriations are divided into three categories:

- **Operations** associated with the annual cost of providing all water and wastewater services;
- **Debt Service** on bonds issued to pay for the capital infrastructure investments along with other debt-related expenses; and
- **Capital** associated with projects to upgrade aging infrastructure, make seismic improvements, protect natural resources, and ensure a future water supply.

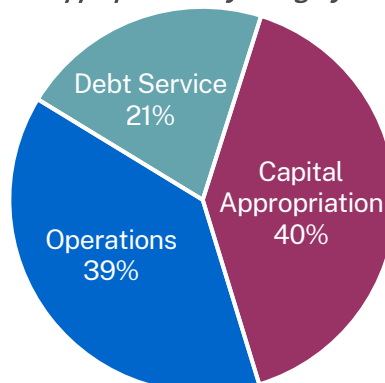
Appropriations Summary for Water and Wastewater Systems

Appropriations Summary							
	FY 2024			FY 2025			Grand Total
	Water	Wastewater	Total	Water	Wastewater	Total	
Operations	397.4	103.7	501.2	413.2	108.5	521.6	1,022.8
Debt Service	238.7	32.9	271.5	256.3	34.8	291.1	562.6
Capital Appropriation	541.6	85.7	627.3	359.9	87.2	447.2	1,074.5
Total	1,177.7	222.3	1,400.0	1,029.4	230.5	1,259.9	2,659.9

Appropriations By System



Appropriations by Category



APPROPRIATIONS BY SERVICES PROVIDED

EBMUD provides water and wastewater services to protect public health through the operation and maintenance of an infrastructure system spanning over 4,200 miles of pipeline, aqueducts, reservoirs, pumping plants, sewer interceptors, and treatment plants. Other services include recreation, fishery and habitat restoration, water conservation, pollution prevention, youth education, and producing renewable energy at dams and the wastewater treatment plant. Unlike many California water agencies, EBMUD owns its own water source and only purchases supplemental water during droughts.

The following table summarizes the budgeted appropriations by services provided. Note that the methodology has changed slightly for this budget cycle.

Appropriations by Service Provided

FY 2024 & FY 2025 Appropriations by Services Provided (\$ Millions)		
Services	FY 2024	FY 2025
Capital Improvement Program Projects to upgrade aging infrastructure, protect natural resources, and provide high quality water and wastewater services. Projects typically result in the construction of new facilities, or the rehabilitation or upgrade of existing facilities.	627.3	447.2
Debt Service Interest and principal repayment of bonds sold to pay for capital investments along with other debt-related expenses.	271.5	291.1
Water Service Operation and maintenance of facilities to store, treat and deliver high-quality water to 1.4 million customers including reservoirs, pipelines, and treatment plants; planning for future water supply; recycled water; and reading meters.	250.8	259.5
Wastewater Service Operation and maintenance of facilities to convey and treat wastewater for 740,000 customers including sewer interceptors, the treatment plant, laboratory and wet weather facilities; and educational outreach to residences and businesses.	106.3	111.0
Support Services Human resources, finance, legal, information systems and other services.	89.9	96.1
Customer Service Water conservation programs, public information, school outreach, billing services, contact center, and additional customer support services.	33.3	33.7
Natural Resource Management and Protection Environmentally sound management of over 57,000 acres of watershed lands, operation of public recreation facilities and fisheries programs.	20.9	21.3
Total Budget Appropriations	1,400.0	1,259.9

Operations

Various departments carry out the day-to-day operations, and the budget includes appropriations for labor, contract services, and other expenses such as fuel, chemicals, and computer hardware and software. Appropriations are also budgeted for contingency to cover unanticipated needs. Intradistrict appropriations ensure that certain internal expenses are not duplicated such as vehicle expenses and warehouse overhead. Capital support costs, such as administration and general oversight, capture costs that support but are not directly attributable to capital projects. Capital support costs are subtracted from operations and reallocated to the capital budget. Intradistrict expenses are also subtracted from operations and typically only have a material impact on the Water System.

DEPARTMENTS

The table below shows department operations within each system. The Maintenance & Construction and Water Operations Departments account for almost half of the Water System operations budget.

District-Wide Operating Appropriations by Department

Department Operating Appropriations (\$ Millions)			
	FY 2024	FY 2025	% Change
Water System			
Administration	-	-	
Customer & Community Services	28.0	28.5	2.1%
Engineering & Construction	28.1	28.6	1.8%
Finance	35.2	36.0	2.4%
Human Resources	12.9	13.1	1.2%
Information Systems	37.5	38.4	2.4%
Maintenance & Construction	93.6	95.7	2.3%
Natural Resources	20.9	21.3	2.1%
Office of the General Counsel	5.9	6.0	0.8%
Office of the General Manager	20.3	20.7	2.2%
Operations & Maintenance Support	29.2	29.9	2.1%
Water Operations	120.5	125.9	4.5%
Water Recycling Program	7.8	8.2	4.7%
Water Resources	11.7	11.8	0.8%
Staffed Departments Subtotal	451.5	464.1	2.8%
Contingency	9.9	13.1	32.0%
Intradistrict	(12.0)	(12.0)	0.0%
Capital Support	(52.0)	(52.0)	0.0%
Total Water System	397.4	413.2	4.0%
Wastewater System			
Staffed Department	106.3	111.0	4.4%
Contingency	1.0	1.1	4.0%
Capital Support	(3.6)	(3.6)	0.0%
Total Wastewater System	103.7	108.5	4.6%
District Total	501.2	521.6	4.1%

Debt Service

DEBT-FUNDED CAPITAL INVESTMENTS

Capital expenditures are funded through debt financing or on a “pay-as-you-go” basis, but a portion can also be funded by reimbursements or grants. Debt financing is generally suited for large capital projects with a long useful life and creates a measure of intergenerational equity in that future ratepayers will participate in the financing of the capital projects over their useful life. The “pay-as-you-go” option uses current year revenues and supports long-term financial stability.

The District’s policy is that over any five-year planning period no more than 65 percent of the Capital Improvement Program (CIP) will be funded from debt. Prior biennial budgets, as well as this budget, support additional “pay-as-you-go” funding to reduce debt service costs. Although debt service payments are considered to be part of the operating budget, debt proceeds are used to finance capital investments.

Over the five-year FY 2024 – FY 2028 CIP, approximately 45.5 percent of the Water System’s capital program and 51.2 percent of the Wastewater System’s capital program will be debt funded.

DEBT SERVICE AND PLANNED BOND ISSUANCE

Annual debt service payments are made to pay the interest and principal on the bonds issued to fund a portion of the CIP as shown in the table below. The table also shows the amount of new revenue bonds expected to be issued to help fund the CIP.

Total outstanding debt on the Water System is projected to be \$2.61 billion, and \$338.3 million on the Wastewater System as of June 30, 2023.

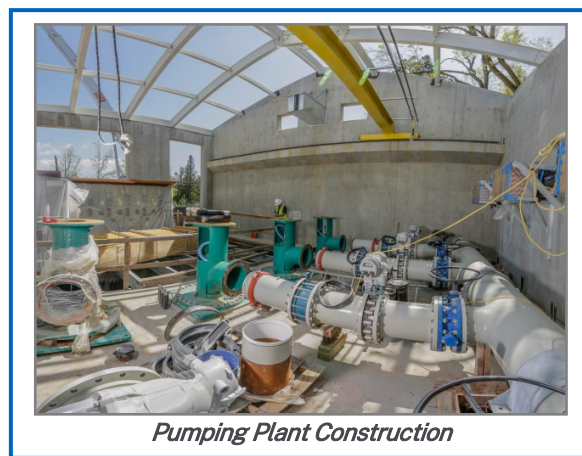
District-Wide Debt Service and Planned Bond Issuance

Debt Service and Bond Issuance (\$ Millions)				
	FY 2024		FY 2025	
	Water System	Wastewater System	Water System	Wastewater System
Debt Service Payments	238.7	32.9	256.3	34.8
New Bond Issuance	275.0	25.0	275.0	30.0

Capital Improvement Program

The Capital Improvement Program (CIP) identifies the District’s capital needs over the next five years and prioritizes projects to rehabilitate and replace aging infrastructure to better serve customers.

Capital appropriations are the amounts approved by the Board to be spent on capital projects and may be expended over multiple years. Appropriations vary from year-to-year depending upon the funding needs of the projected work. Capital support consists of costs incurred by support functions that are not directly charged to individual capital projects, such as finance, human resources, and information systems. These costs support the CIP as a whole and are deducted from the operations budget and included in the capital budget.



CAPITAL APPROPRIATIONS

The following table shows the annual appropriations for the five-year CIP, including capital support. The Board adopts the appropriations for only the first two years of the CIP. The remaining years are for planning purposes and are subject to revision. Approximately 84 percent of the appropriations are associated with the Water System.

Planned Capital Appropriations by Fund

Planned Capital Appropriations by Fund (\$ Thousands)			
	FY 2024	FY 2025	Total
Water	489,631	307,938	797,570
Capital Support	52,000	52,000	104,000
Water Total	541,631	359,938	901,570
Wastewater	82,074	83,636	165,710
Capital Support	3,600	3,600	7,200
Wastewater Total	85,674	87,236	172,910
District Total	627,305	447,174	1,074,479

New for the FY 2024 – FY 2028 CIP, capital projects are organized by Award Purpose. There are 18 Award Purposes for the Water System and four for the Wastewater System, including an Award Purpose specific to contingency appropriations for each system. For the purposes of showing cash flow or general expense planning, contingency is typically excluded as while there may be appropriations, there is no planned or actual expenses from these Awards. Contingency appropriations for capital are intended to meet unanticipated needs that may arise before the next budget cycle. Typical examples include: replacement or repairs to facilities or equipment as a result of failures or safety deficiencies; new projects not anticipated during the prior cycle but which are necessary to begin on an accelerated timeframe; and unanticipated cost increases for projects.

The Capital Improvement Program is described in more detail for each system in Chapters 4 and 5, as well as in Volume 2 – Capital Award Summaries. The following table lists the 22 award purposes.

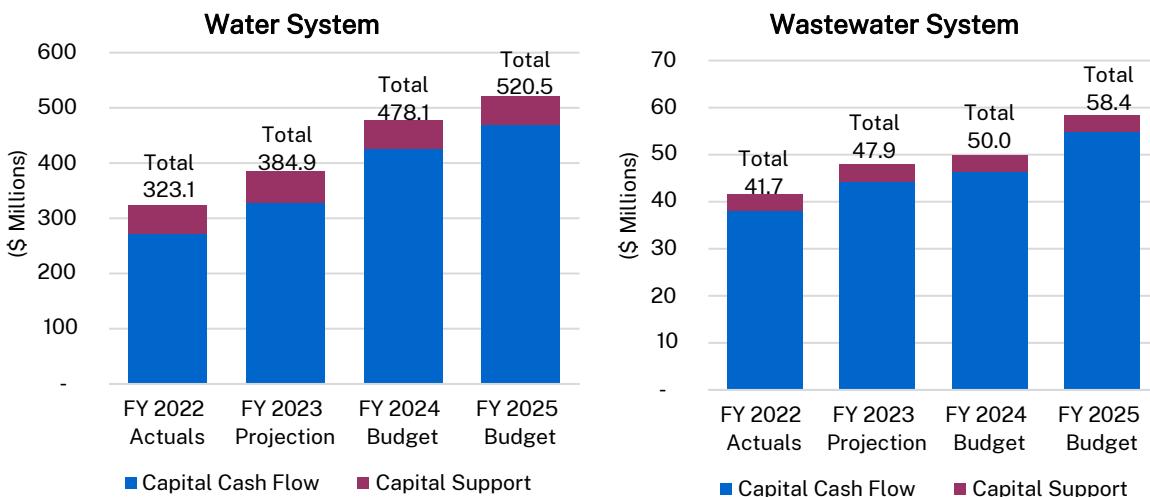
District-Wide CIP Award Purposes

Capital Improvement Program Award Purposes by System	
Water	Wastewater
District-Wide Building Facility Improvements	Main Wastewater Treatment Plant
Environmental Resources & Remediation	Wastewater Remote Facilities
New Business Infrastructure	Wastewater System-wide Improvements
Pipelines - Distribution System	Contingency
Pipelines - Transmission	
Pressure Zone Studies	
Process & System-Wide Improvements	
Raw Water System	
Recreation Areas & Facilities	
Regulators & Rate Control Stations	
Reservoirs - Distribution	
Reservoirs - Supply	
Supplemental Supply & Regional Agreements	
Sustainable Energy	
Vehicles, Equipment & Related Facilities	
Water Recycling & Conservation	
Water Treatment	
Contingency	

CAPITAL CASH FLOW

In contrast to capital appropriations, capital cash flow reflects actual and planned expenses on an annual basis for projects that received appropriations in the current or prior fiscal years. For budgetary planning and reporting, capital cash flow is also tracked by Award Purpose and Awards. For planning purposes, capital cash flows are typically discounted between 15 percent and 20 percent each year from what Departments submit as part of the planned Capital Improvement Program. This is based on historical patterns of spending, which tends to underperform full planned cash flows due to delays resulting from external regulations, staff turnover, unexpected contractor or materials delays, or other unforeseen resource constraints. The following shows a four-year view of actual capital cash flow and budgeted, discounted capital cash flows.

Water & Wastewater Systems Capital Cash Flows



Staffing

Departments add and delete positions based on operational needs and major Board priorities, including priorities named in the Strategic Plan, as well as the projects planned in the Capital Improvement Program. Staffing is shown by full-time equivalents (FTE) which varies depending upon appointment type. Civil service, civil service exempt, limited-term, and temporary construction appointments are full-time positions and equal 1.0 FTE. Intermittent positions equal 0.75 FTE. Part-time and temporary positions equal 0.5 FTE.

AUTHORIZED POSITIONS

In FY 2024, the District will have 2,229.75 authorized FTE, with full-time positions comprising over 95 percent of the workforce. The following shows the number of authorized FTEs for FY 2021 through FY 2025, as amended by Board actions and transfers between departments. Over this five-year period, staff levels have increased by 75.00 FTE, or 3.5 percent.

Staffing Summary and Comparison FY 2021 to FY 2025 by FTE Count

District-Wide Staffing Summary and Comparison (FTE)					
Position Type	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
Full-Time (Civil Service and C.S. Exempt)	2,058.00	2,065.00	2,069.00	2,124.00	2,125.00
Limited-Term / Temp. Construction	62.00	57.00	56.00	68.00	68.00
Intermittent	3.75	3.75	3.75	3.75	3.75
Temporary / Part-Time	32.00	31.00	30.50	34.00	34.00
Total FTE	2,155.75	2,156.75	2,159.25	2,229.75	2,230.75
FTE Change from Previous Fiscal Year		1.00	2.50	70.50	1.00

FY 2024 & FY 2025 Changes in FTE

Staffing changes provide opportunities to address priority areas such as investments in and maintenance of aging water and wastewater infrastructure. In FY 2024 and FY 2025, the budget includes a significant but not unprecedented increase in the number of FTE in order to complete critical work and invest in strategic Board priorities. The number of District-wide authorized FTE is increasing a net of 70.50 in FY 2024 through the addition of 72.50 FTEs and the deletion of 2.00 FTEs. In FY 2025, 1.00 FTE will be added. The increase is driven by several factors:

WATER SYSTEM

The 56.00 FTEs added in FY 2024, as well as the 1.00 FTE added in FY 2025, will:

- Increase the number and scope of projects completed in the Capital Improvement Program;
- Support operations, including reducing contracted services in the District's core business;
- Invest in the Customer Assistance Program (CAP) to expand affordability for all customers;
- Assist an improved cybersecurity strategy to protect critical infrastructure;
- Replace underperforming meters and copper service laterals;
- Respond to critical needs in purchasing, human resources, and other key support areas;
- Develop an external funding strategy focused on writing and being awarded grants; and
- Develop a more diverse talent pipeline, as one part of the District's racial justice and social equity strategy.

WASTEWATER SYSTEM

The 14.50 FTEs added in FY 2024 will:

- Increase the number and scope of projects completed in the Capital Improvement Program;
- Improve assessment of, and planning for, future capital projects, including nutrients, emerging contaminants, and seismic retrofits;
- Catch up on critical maintenance backlogs in corrosion control and electrical systems; and,
- Address critical compliance and regulatory improvements in the laboratory that serves both the Water and Wastewater Systems.

LABOR AND BENEFITS

Labor includes all compensation such as salaries and overtime. Benefits include the District’s costs associated with retirement, health care, Social Security, disability and unemployment insurance. The District does not pay for the employee share of retirement contributions.

Labor and benefits are allocated to either operations or capital. Typical duties performed by employees that charge to operations include pipeline repairs, meter maintenance, treatment plant operations, customer support, human resources, and information systems. Typical capital duties include upgrades, rehabilitation and replacement of pumping plants, pipelines, reservoirs, and treatment plants.

The table below shows labor and benefits for the operations and capital budgets. Total labor and benefits are projected to increase 15.9 percent in FY 2024, and 1.5 percent in FY 2025.

- Total labor and benefits budget attributable to operations is 74.5 percent.
- Benefits represent 38.3 percent of the total labor budget.

District-Wide Labor and Benefit Costs for Operations and Capital

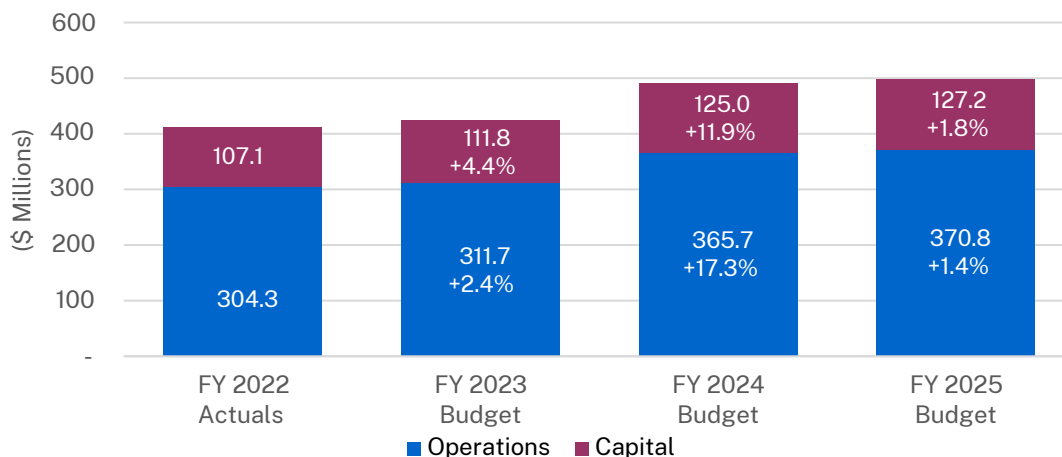
Labor and Benefit Costs (\$ Millions)						
	FY 2022 Actuals	FY 2023 Budget	FY 2024 Budget	% Change	FY 2025 Budget	% Change
Water						
Operations	255.6	262.2	309.0	17.9%	313.2	1.4%
Capital	97.0	100.6	111.2	10.5%	113.2	1.8%
Subtotal Water	352.6	362.8	420.2	15.8%	426.4	1.5%
Wastewater						
Operations	48.6	49.5	56.7	14.5%	57.6	1.6%
Capital	10.1	11.2	13.8	23.8%	14.0	1.5%
Subtotal Wastewater	58.7	60.7	70.5	16.2%	71.6	1.6%
Total District-Wide						
Operations	304.3	311.7	365.7	17.3%	370.8	1.4%
Capital	107.1	111.8	125.0	11.9%	127.2	1.8%
Total District Labor Costs	411.3	423.5	490.7	15.9%	498.0	1.5%

Increases in labor and benefit costs are primarily attributable to funding additional FTEs, cost of living adjustments, overtime costs, and a rise for retirement and health care expenses. Additionally, as happens every 12 to 13 years, in FY 2024 there is an additional pay period during the budget year, though employees will continue to receive paychecks biweekly and will not receive an additional paycheck.

These increases are offset by drivers such as overall lower salaries in comparison to the prior biennial budget due to the significant number of new employees with salaries lower than the long-term or higher tenure employees they replaced, and savings due to the time required to fill positions. The majority of the

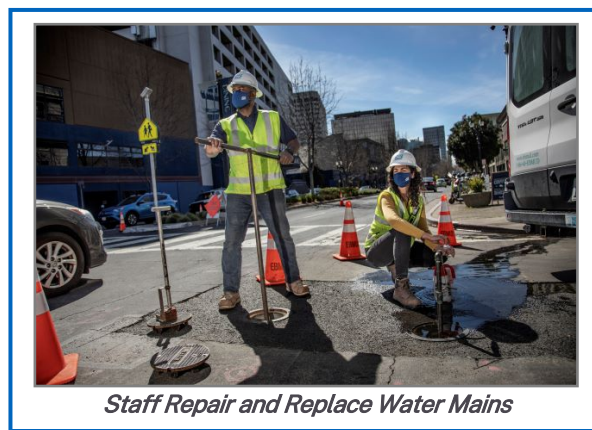
additional FTEs are in the Water System to support capital projects, an increase in infrastructure replacement, improved operations support including replacing contracted services with District forces for core District functions, more-coordinated education programs, Customer Assistance Program support, and workforce development including internships. The additional FTEs in the Wastewater System will support improved wastewater maintenance and a fully staffed laboratory operation.

District-Wide Labor and Benefit Costs by Operations and Capital



Benefit Costs

Several complex drivers impact benefit costs, such as a slower projected rise in benefits costs for retirement and health care. The budget continues to build on efforts to contain benefit costs, the largest of which are the employer pension contribution and health care expenses. In 2012, pursuant to the California Public Employees’ Pension Reform Act (PEPRA), the Board of Directors implemented a change in the District’s Employee Retirement System, referred to as the 2013 Plan. Members of the 2013 Plan receive a reduced benefit and fund a greater share of that benefit themselves. Since 2012, the number of employees in the 2013 Plan has grown significantly, which somewhat moderates the increase in the District’s pension costs.



Staff Repair and Replace Water Mains

The following table shows the different employer pension contribution rates since FY 2020. Most new employees are part of the 2013 Plan and all other employees participate in the 1955/1980 Plan. Approximately 54 percent of employees are part of the 2013 Plan as of January 19, 2023. The FY 2024 contribution rates were changed based on updated actuarial assumptions adopted by the Retirement System and an updated Actuarial Valuation. The actual FY 2025 rate will not be available until it is calculated by the actuary and adopted by the Retirement Board in 2024.

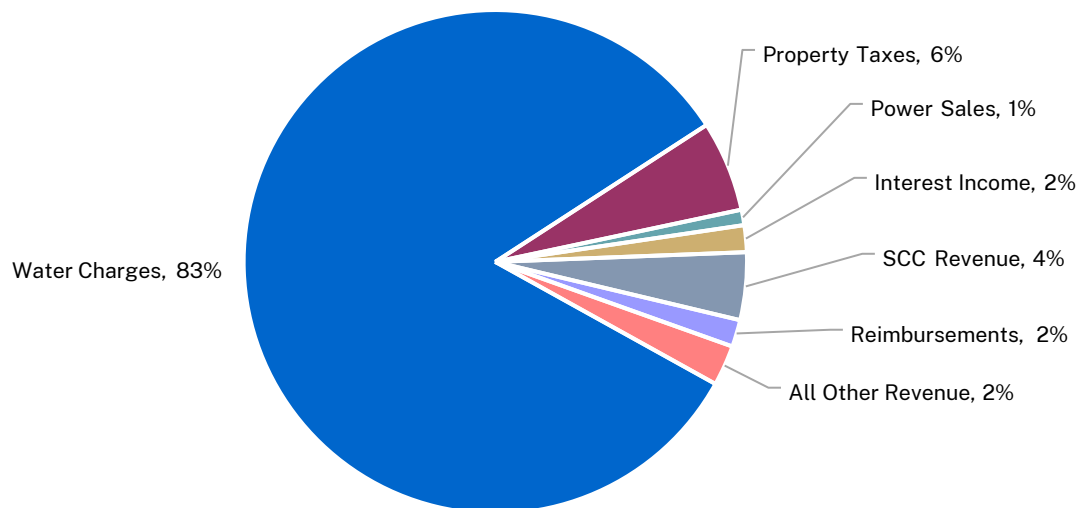
Employer Contribution Rates to District’s Retirement System Based on Plan

Employer Pension Contribution Rates					
Plan	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
1955/1980 Plans	37.86%	37.86%	42.37%	47.16%	48.48%
2013 Plan	31.24%	31.24%	33.32%	37.84%	39.21%

Sources of Funds

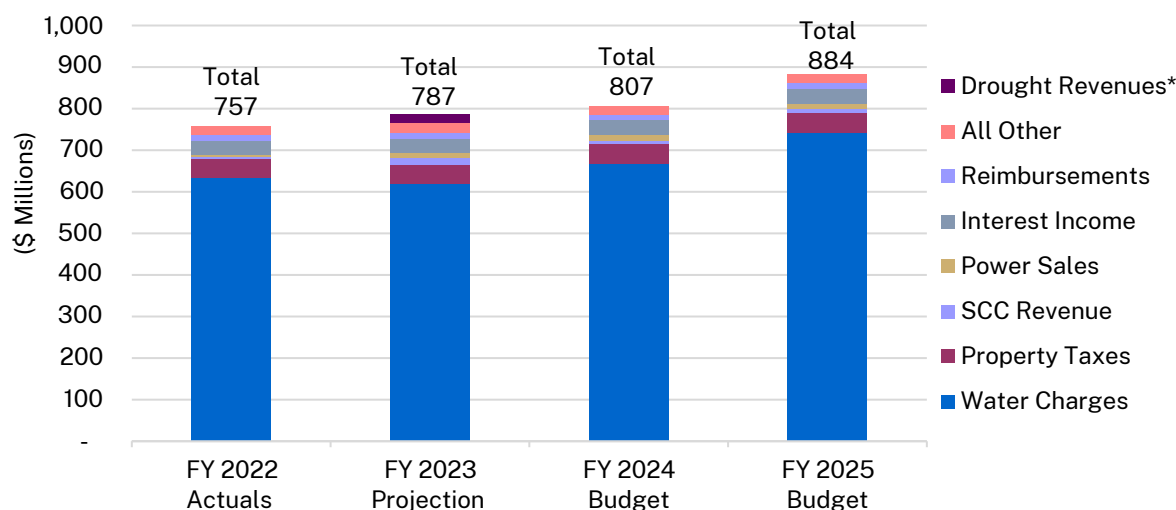
WATER SYSTEM OPERATING REVENUE

Percent of FY 2024 & FY 2025 Combined Water System Revenue from Major Sources



The principal source of Water System operating revenue is Water Charges which account for 82.8 percent of revenues. As such, Water System revenue is highly sensitive to changes in customer water use. The following graph shows the revenue trend from actual operating revenues in FY 2022 to budgeted revenues in FY 2025. As indicated above, total revenue from all other sources is typically relatively limited on top of water charges. For more detail on Water System revenues, see Chapter 4.

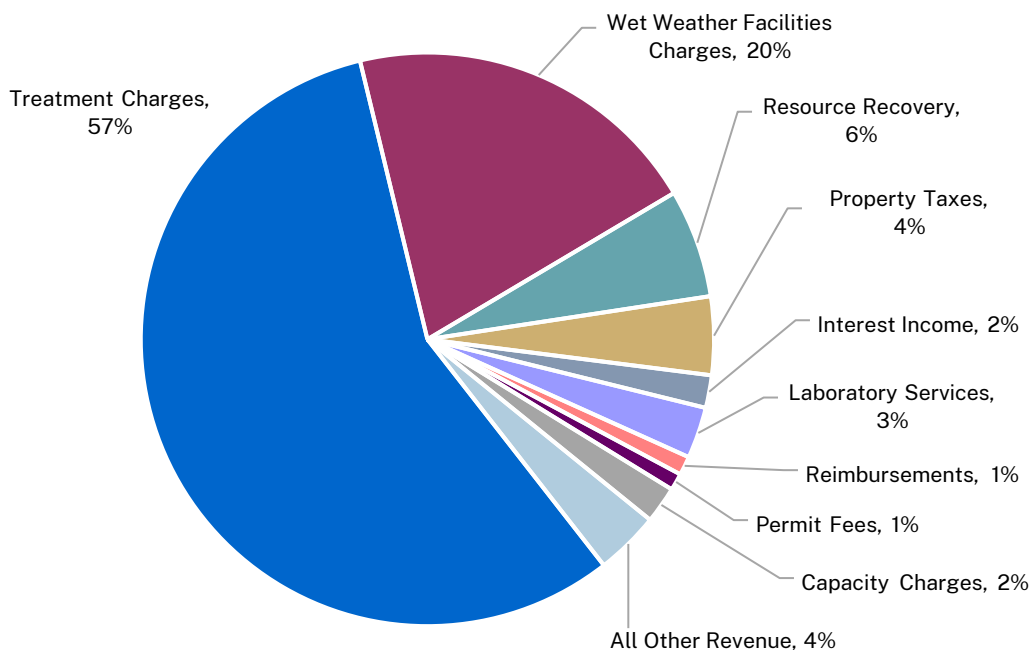
Total Water System Revenues from FY 2022 to FY 2025



*Only during declared droughts of Stage 2 or higher.

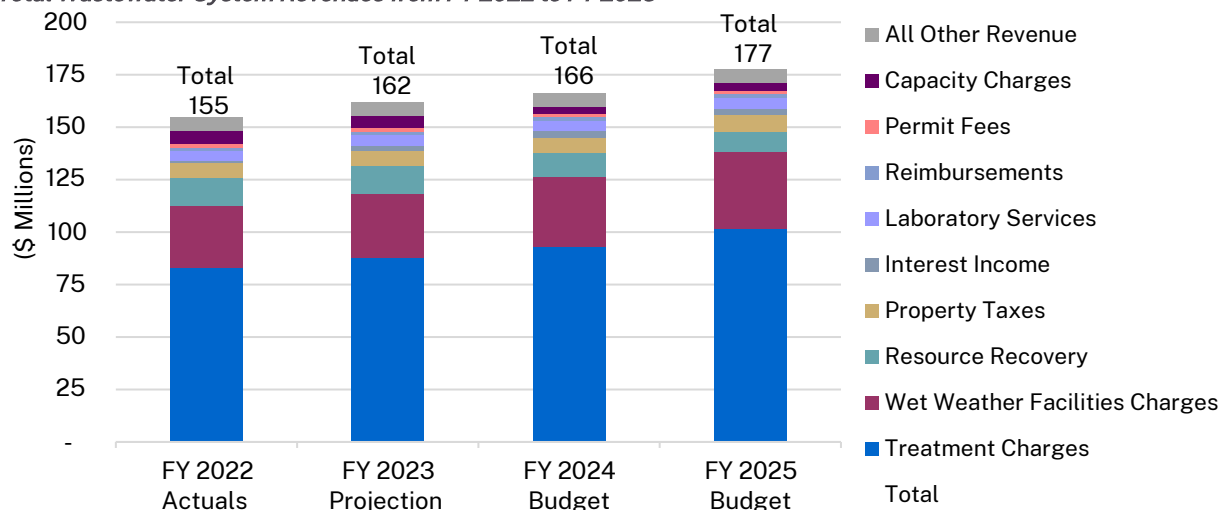
WASTEWATER SYSTEM OPERATING REVENUE

Percent of FY 2024 & FY 2025 Combined Wastewater System Revenue from Major Sources



The principal source of Wastewater System operating revenue is Treatment Charges which account for 57 percent of revenues. The Wastewater System is not as sensitive to changes in customer water use as the Water System since Treatment Charges are a smaller percentage of overall Wastewater revenue and as there is less variability in wastewater discharge than in water use overall. The following graph shows the revenue trend from actual operating revenues in FY 2022 to budgeted revenues in FY 2025. For more detail on Wastewater System revenues, see Chapter 5.

Total Wastewater System Revenues from FY 2022 to FY 2025



Fund Summaries

The following summarizes the beginning and ending Water System and Wastewater System fund balances based on projected sources and use of funds.

WATER SYSTEM

Water System Fund Summary

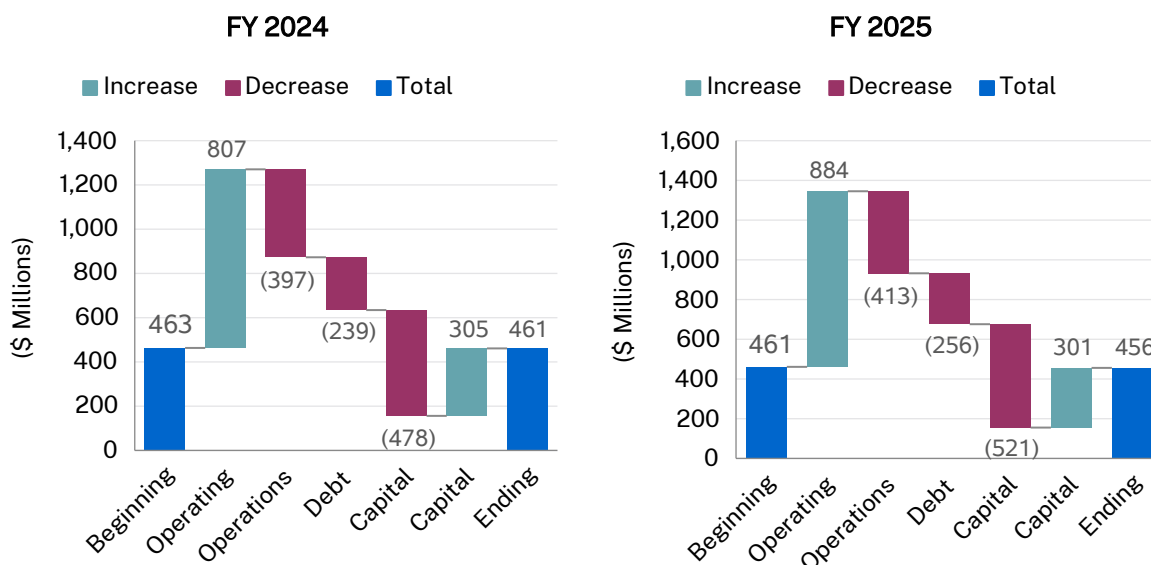
Fund Summary (\$ Millions)		
	FY 2024	FY 2025
Beginning Balance (Projected)	463.3	461.1
Source of Funds		
Operating	807.2	884.3
Capital**	304.9	300.6
Total Sources of Funds	1,112.1	1,184.9
Use of Funds		
Operations	397.4	413.2
Debt Service	238.7	256.3
Capital	478.1	520.5
Total Uses of Funds	1,114.2	1,190.0
Sources less Uses	(2.1)	(5.2)
Ending Balance*	461.1	455.9

*Includes reserve set-asides.

**Includes bonds, reimbursements, and grants.

The following charts visualize the inflow and outflow of resources. Total columns represent the beginning and ending balances; the increase columns represent revenues; and the decrease columns demonstrate the expenses for operations, debt service and capital.

Water System Sources and Uses of Funds (Waterfall Charts)



WASTEWATER SYSTEM

Wastewater System Fund Summary

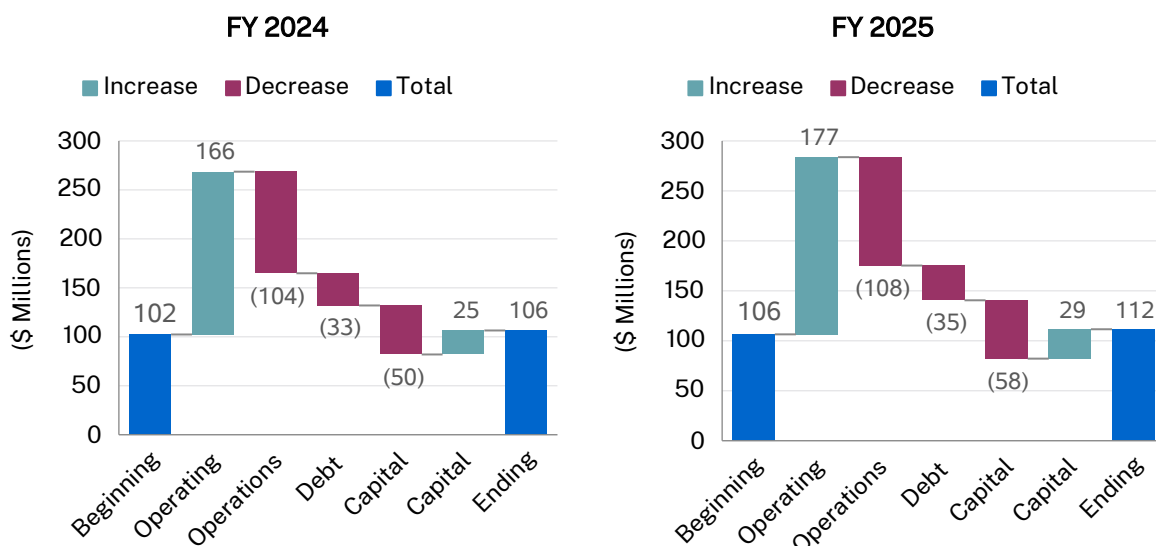
Fund Summary (\$ Millions)		
	FY 2024	FY 2025
Beginning Balance (Projected)	102.4	106.4
Source of Funds		
Operating	166.2	177.3
Capital**	24.5	29.4
Total Sources of Funds	190.7	206.7
Use of Funds		
Operations	103.7	108.5
Debt Service	32.9	34.8
Capital	50.0	58.4
Total Uses of Funds	186.6	201.6
Sources less Uses	4.1	5.1
Ending Balance*	106.4	111.5

*Includes reserve set-asides.

**Includes bonds, reimbursements, and grants.

The following charts visualize the inflow and outflow of resources. Total columns represent the beginning and ending balances; the increase columns represent revenues; and the decrease columns demonstrate the expenses for operations, debt service and capital.

Wastewater System Sources and Uses of Funds (Waterfall Charts)



EBMUD Fun Fact:

There are 4,300 miles of total pipelines (water and wastewater) in EBMUD's system. That's enough to stretch from Oakland to Atlanta, Georgia and back.

Chapter 4: Water System

Overview

This chapter provides a detailed discussion of the Water System including:

- Fund Summary
- Sources of Funds
- Use of Funds
- Staffed Department Operations
- Debt Service and Financing
- Capital Improvement Program
- Five-Year Financial Forecast



The Water System is an enterprise fund consisting of an operating and a capital budget. The Water System collects, transmits, and distributes water to communities within Alameda and Contra Costa counties. In addition, the Water System provides and charges the Wastewater System for administrative, financial, and other support services.

KEY ASSUMPTIONS

The following are key projections and assumptions used in the FY 2024 and FY 2025 budget.

Water System Key Assumptions

Key Assumptions		
	FY 2024	FY 2025
Water Sales Volume (MGD)	139.7	143.9
% Rate Increase	8.50%	8.50%
Average Monthly Single-Family Residential Bill	\$ 74.49	\$ 80.79



FUND SUMMARY

The following fund summary table shows the Water System beginning and ending fund balance, and projected revenue and expenditure budgets for FY 2024 and FY 2025.

Water System Detailed Fund Summary – Sources & Uses

Detailed Fund Summary - Sources & Uses			
	FY 2024	FY 2025	% Change
Beginning Balance (Projected)	463.3	461.1	-0.5%
Sources of Funds			
Sources of Funds (Operating)			
Water Charges	668.3	742.4	11.1%
Property Taxes	47.0	48.1	2.3%
Power Sales	8.0	8.0	0.0%
Interest Income	13.9	13.8	-0.8%
SCC Revenue	35.0	36.2	3.5%
Reimbursements	14.0	14.4	3.0%
All Other Revenue	21.0	21.4	2.0%
Subtotal Sources of Funds (Operating)	807.2	884.3	9.5%
Sources of Funds (Capital)			
New Bond Proceeds	269.5	269.5	0.0%
Loan Proceeds	-	-	
Grants	-	-	
Reimbursements	35.4	31.1	-12.2%
Subtotal Sources of Funds (Capital)	304.9	300.6	-1.4%
Total Sources of Funds	1,112.1	1,184.9	6.5%
Uses of Funds			
Use of Funds (Operating)			
Labor	309.0	313.2	1.4%
Contract Services	25.4	25.6	0.8%
Other	119.6	127.9	6.9%
Contingency (Non-Labor)	7.4	10.5	40.9%
Debt Service	238.7	256.3	7.4%
Capital Support	(52.0)	(52.0)	0.0%
Intradistrict	(12.0)	(12.0)	0.0%
Subtotal Use of Funds (Operating)	636.1	669.5	5.2%
Use of Funds (Capital)			
Capital Cash Flows	426.1	468.5	10.0%
Capital Support	52.0	52.0	0.0%
Subtotal Use of Funds (Capital)	478.1	520.5	8.9%
Total Uses of Funds	1,114.2	1,190.0	6.8%
Total Sources	1,112.1	1,184.9	6.5%
Total Uses	1,114.2	1,190.0	6.8%
All Sources less Uses	(2.1)	(5.2)	
Ending Balance*	461.1	455.9	-1.1%

*Includes all policy reserves and reserves for capital projects.

Sources of Funds

OVERVIEW

The Water System has a variety of revenue sources that are used to fund operations, and a portion of the capital expense. The remaining capital expense is funded primarily by new bond proceeds and reimbursements.

The table below shows actuals and budgets for operating revenues and capital funding sources.



Water System Detailed Revenue Summary

Detailed Revenue Summary (\$ Millions)					
	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
	Actuals		Projection*	Budget	
Operating Revenues					
Water Charges	620.2	634.1	620.0	668.3	742.4
Property Taxes	40.6	45.5	46.0	47.0	48.1
Power Sales	4.8	6.5	17.0	8.0	8.0
Interest Income	2.0	2.2	10.0	13.9	13.8
SCC Revenue	53.8	33.4	35.0	35.0	36.2
Reimbursements	12.6	14.0	14.0	14.0	14.4
All Other Revenue	21.6	21.4	23.0	21.0	21.4
Drought Revenues**	-	-	21.6	-	-
Total Operating Revenues	755.6	757.0	786.6	807.2	884.3
Capital Funding Sources					
New Bond Proceeds	-	150.0	-	269.5	269.5
Loan Proceeds	-	-	-	-	-
Grants	-	-	-	-	-
Reimbursements	23.1	13.3	29.4	35.4	31.1
Total Capital Funding Sources	23.1	163.3	29.4	304.9	300.6
Total Funding Sources	778.7	920.3	816.0	1,112.1	1,184.9

*Based on first six months of the fiscal year.

**Only during declared droughts of Stage 2 or higher.

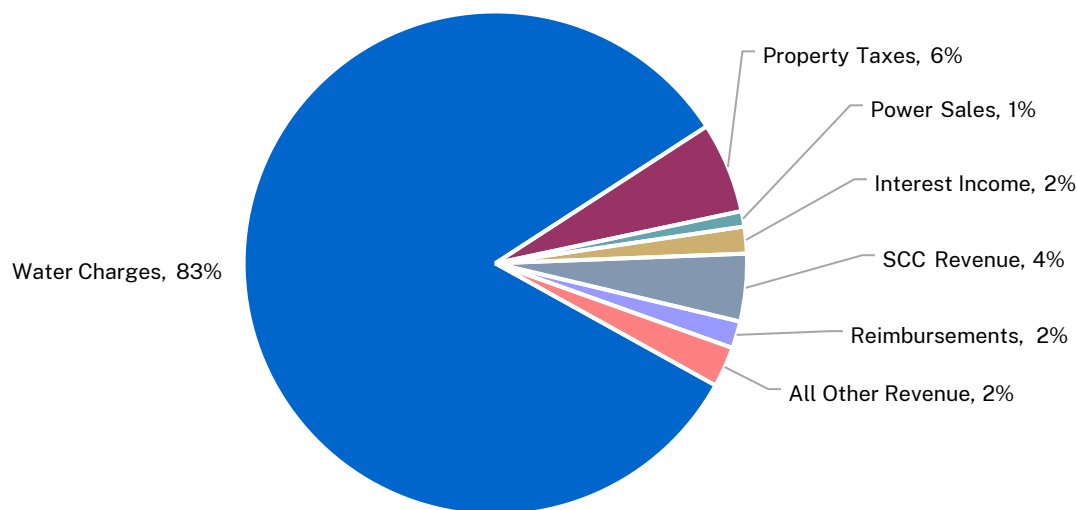
OPERATING REVENUE

Water System operating revenues for FY 2024 are budgeted to increase \$20.6 million, or 2.6 percent compared to year-end projections for FY 2023, for total revenue of \$807.2 million. Note that FY 2023 year-end projections include \$21.6 million in drought-related revenues, which are not expected to continue in FY 2024 or FY 2025. Increasing revenue is primarily driven by a rate increase of 8.5 percent. As a result of the increased conservation during the drought, FY 2024 water sales are decreasing slightly to 139.7 million gallons per day (MGD) compared to the FY 2023 budget of 145.8 MGD. The FY 2024 budget also includes a \$3.9 million increase in Interest Income and a \$1 million increase in Property Taxes, as well as a \$9 million decrease in power sales as compared to FY 2023 year-end projections. Given the historically high wholesale price of power, and significant power-generating capacity due to recent strong water supply conditions, power sales are above average in FY 2023, and this is not projected to continue into FY 2024 and FY 2025.

In FY 2025, Water System operating revenues are budgeted to increase \$77.1 million, or 9.5 percent for a total of \$884.3 million. This increase is comprised primarily of over \$74 million from Water Charges as projected consumption is increasing slightly to 143.9 MGD, along with the 8.5 percent increase in water rates. Property Taxes and SCC revenues are expected to increase by \$1.1 million and \$1.2 million respectively, with small increases for Reimbursements and All Other Revenue.

The figure below illustrates the various sources of revenue and the percentage of each source. Water Charges is the largest source of revenue comprising 82.8 percent of FY 2024 & FY 2025 total operating revenue.

Water System Operating Revenue Components – Combined FY 2024 & FY 2025



OPERATING REVENUE SOURCES

The following are descriptions of the sources of operating revenue, including information about the projected revenues for FY 2024 & FY 2025.

Water Charges

Water Charges consist of a monthly service charge, a volume charge for the amount of water used, and an elevation charge for those customers located at higher elevations that require pumping. The Water Charges increase 8.5 percent in FY 2024 and an additional 8.5 percent in FY 2025.

Water Charges Details (Monthly Service, Volume and Elevation)

Water Charges (\$ Millions)				
	FY 2024		FY 2025	
	Amount	% of Total	Amount	% of Total
Monthly Service Charge	200.2	30%	217.8	29%
Volume Charge	433.4	65%	485.7	65%
Elevation Surcharge	34.7	5%	38.9	5%
Total	668.3	100%	742.4	100%

Water Charges in FY 2024 are projected to increase \$28.3 million compared to budgeted FY 2023 Water Charges revenue of \$640 million, for a total of \$668.3 million, or 4.4 percent. Budgeted consumption is decreasing slightly to 139.7 MGD from 145.8 MGD, a decrease of 4.2 percent, which is offset by a 8.5 percent rate increase. FY 2025 Water Charges are projected to increase \$74 million, for a total of \$742.4 million, or 11.1 percent compared to FY 2024 as projected consumption is increasing slightly to 143.9 MGD, combined with a rate increase of 8.5 percent.

Property Taxes

The District receives approximately 1.25 percent of the 1.0 percent county tax levy on properties within District boundaries. For FY 2024 and FY 2025, budgeted Property Tax revenue of \$47.0 million and \$48.1 million, respectively, are based upon FY 2022 actual property tax receipts.

Power Sales

The District operates hydroelectric power generation facilities at the Pardee and Camanche Dams. Assuming average precipitation, earnings are projected at \$8.0 million in FY 2024 and \$8.0 million in FY 2025. Wholesale power prices and precipitation have both been volatile over the prior few years, leading to greater uncertainty in this revenue source.

Interest Income

Funds not needed for current expenditures are placed in investments in accordance with the District's investment policy. Interest earned on these funds is expected to be \$13.9 million in FY 2024 and \$13.8 million in FY 2025. This is significantly higher than prior years, driven by recent inflationary pressures and related increases in the Federal Funds rate.

System Capacity Charges (SCC) Revenue

SCC are collected from customers requesting new water service and are designed to recover costs of facilities necessary to serve new customers. These costs include: distribution and treatment facilities; facilities that serve the system as a whole, such as Pardee and Camanche Reservoirs; terminal storage reservoirs; administrative facilities; and a portion of the costs of accessing supplemental water supply. The purpose of the SCC is to assure that new customers pay for their share of the existing water system facilities and supply. Funds collected from the SCC are held either in dedicated reserves or accounted for as a capital contribution from developers. Funds held in the dedicated reserve account are used to fund supplemental water supply projects.

SCC revenue is projected to be \$35.0 million in FY 2024 and \$36.2 million in FY 2025. SCC revenue has continued to exceed expectations over the past few years, despite an updated SCC calculation that resulted in a reduction in the SCC adopted for FY 2022. SCC revenue continues to be conservatively projected, however, due to current economic conditions, which may lead to a slowdown in building activity due to high borrowing costs.

Reimbursements

The Water System receives reimbursement for services provided to other agencies and from the Wastewater System for administrative costs, space rental in the Administration Building, and for providing billing and collection services. The Water System also receives reimbursements from several cities for providing billing and collection services for the cities' sewer charges. Included in reimbursements are Build America Bond subsidy payments, which in some years have been subject to sequestration. Reimbursements are projected to be \$14.0 million in FY 2024 and \$14.4 million in FY 2025.

All Other Revenue

All Other Revenue includes receipts from the sale or rental of District properties, fees for use of District recreational lands and facilities, insurance and property damage reimbursements, sales of surplus District equipment and vehicles, sales of District publications, reimbursements from the U.S. Treasury under the Build America Bonds program, reimbursement of operating expenses from the Richmond Advanced Recycled Expansion (RARE) project, and other miscellaneous revenues. All Other Revenue is projected to be \$21.0 million in FY 2024 and \$21.4 million in FY 2025.

CAPITAL FUNDING SOURCES

The following describe the sources of capital funding. The Capital Improvement Program (CIP) will be funded with bond proceeds, water revenues, reimbursements, and grants. It is anticipated that the District will receive \$269.5 million in new revenue bond proceeds in FY 2024 and \$269.5 million in FY 2025.

New Bond Proceeds

The District has the ability to issue long-term bonds to fund its capital program. The proceeds of the bond sales can be used to pay for prior or future capital expenses. In recent years, the District has issued bonds on a reimbursement basis, paying for capital expenses already paid using capital reserves. The bonds then generally provide additional funding for capital reserves, which can support the ongoing capital program. Bonds are generally amortized, or repaid, over 30 years and payments are made from total Water System revenues based on the bond indenture.

Commercial Paper Issues

In addition to issuing long-term bonds, the District has used short-term borrowing in the form of commercial paper to raise revenues for capital expenses. The term of commercial paper can be up to 270 days. The repayment of commercial paper is made from total Water System revenues on a subordinate basis to revenue bonds. The District does not expect to use Commercial Paper to fund the capital program over the next several years.

Grants and Loans Proceeds

The District pursues federal and state grants and low-interest loans to fund some of its capital projects when they meet the conditions of the District's grant and loan programs. The District will be investing additional resources to seek and apply for more grants than it has previously; while this is expected to increase funding, the scale is not yet known so it has not been assumed as part of the budget process. Additionally, the lead time to obtaining grants may be longer than the two-year budget cycle.

Reimbursements

Some capital projects are performed at the request of other agencies, and the District is reimbursed for its expenses. An example would be the relocation of a water main at the request of a city or state agency. Also, work to expand the distribution system to meet new connections not covered by the System Capacity Charge is paid for directly by the applicants.

Revenue Funded Capital

Annual capital expenses that are not paid from debt funding, grants, loans or reimbursements are paid from operating revenues, either from current year revenues or from reserves.

Please refer to the section on Debt Service and Financing for details on debt funding of capital projects.

Use of Funds

OVERVIEW

The Water System has three types of expenditures:

- **Operations** – the annual costs of providing all water services;
- **Debt Service** – the repayment of bonds for making capital investments in the water system along with other debt-related expenses; and
- **Capital Cash Flow** – the annual costs of the CIP for long-term projects.

The following table shows the breakdown of expenses by the type of expenditure.

Water System Use of Funds FY 2021 to FY 2025

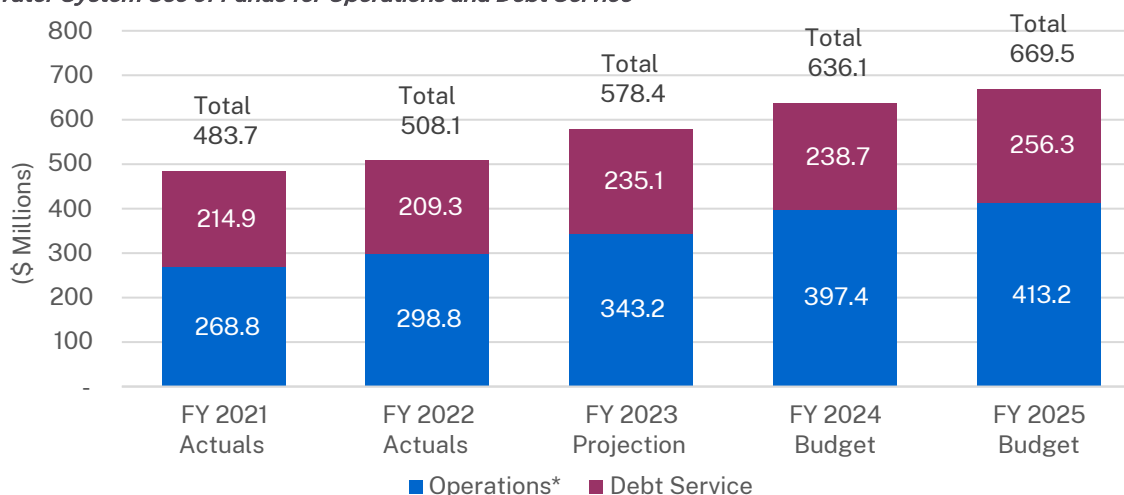
Use of Funds (\$ Millions)					
	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
	Actuals		Projection*	Budget	
Operations (Baseline)	268.8	298.8	343.2	397.4	413.2
Operations (Drought)**	0.2	10.6	21.5	-	-
Debt Service	214.9	209.3	235.1	238.7	256.3
Capital Cash Flow	347.3	323.1	384.9	478.1	520.5
Total Expenses	831.2	841.9	984.7	1,114.2	1,190.0

*Projection is based on the first six months of the year.

This section describes the major components of the Water System operating budget. Typical operations expenditures include, but are not limited to labor, benefits, chemicals, energy, parts, materials, insurance, District vehicle fleet costs, and computer hardware and software.

In FY 2024, the operations and debt service budget, excluding drought expenses, is increasing \$57.7 million or 10.0 percent compared to FY 2023 projected actual expenses, and in FY 2025 will increase \$33.4 million or 5.2 percent compared to the first year of the biennial budget.

Water System Use of Funds for Operations and Debt Service



*Excludes drought expenses.

DEPARTMENT OPERATING BUDGETS

The Water System operations budget is comprised of various departments. The majority of these departments are referred to as staffed departments indicating employees are assigned to work in these areas. The staffed department budget funds the day-to-day operations of the District, and includes funding for labor, benefits, outside contract services, and other non-labor expenses such as electricity, chemicals, fuel, software, self-insured liability claims, and workers compensation claims. A description of each staffed department is included later in this chapter.

A small number of departments do not have personnel assigned to them and are referred to as non-staffed departments, described as follows:

- **Contingency** – Funds are budgeted each fiscal year to cover projected labor-related expenses such as Pay for Performance. The contingency budget also includes funding for unanticipated needs which may arise before the next budget cycle.
- **Intradistrict** – Certain internal service accounts are included in balance sheets to assure that internal expenses are not counted twice within the operations budget. Examples of these accounts include warehouse stores overhead and fleet vehicle expenses.
- **Capital Support** – Costs that are not directly attributable to specific capital projects, but indirectly support the CIP. Capital support costs in the operations budget are reallocated to the capital budget and will decrease operating expenses by a like amount.

The following table presents the total FY 2024 and FY 2025 Water System operating budget by department.

Water System Staffed and Non-Staffed Department Operating Budgets

Operating Budget by Department (\$ Millions)							
Departments	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Actuals	Projected*	Budget	% Change	Budget	% Change
Administration	0.4	0.1	-	-		-	
Customer & Community Svcs.	20.8	22.0	24.5	28.0	14.3%	28.5	2.1%
Engineering & Construction	19.6	22.2	21.9	28.1	28.4%	28.6	1.8%
Finance	27.7	29.4	34.3	35.2	2.6%	36.0	2.4%
Human Resources	9.1	9.4	11.4	12.9	13.3%	13.1	1.2%
Information Systems	31.3	33.1	38.7	37.5	-3.0%	38.4	2.4%
Maintenance & Construction	71.7	76.8	85.1	93.6	9.9%	95.7	2.3%
Natural Resources	16.1	17.0	19.6	20.9	6.7%	21.3	2.1%
Office of the General Counsel	4.7	4.6	5.6	5.9	5.8%	6.0	0.8%
Office of the General Manager	10.4	12.2	15.9	20.3	27.7%	20.7	2.2%
Operations & Maintenance Sup.	22.9	24.0	24.1	29.2	21.3%	29.9	2.1%
Water Operations	88.7	96.3	112.3	120.5	7.3%	125.9	4.5%
Water Recycling Program	6.4	5.7	7.6	7.8	3.0%	8.2	4.7%
Water Resources	9.4	9.9	11.0	11.7	6.5%	11.8	0.8%
Staffed Departments Subtotal	339.1	362.6	411.8	451.5	9.6%	464.1	2.8%
Contingency	-	-	3.0	9.9	230.3%	13.1	32.0%
Intradistrict	(13.3)	(11.4)	(14.1)	(12.0)	-14.8%	(12.0)	0.0%
Capital Support	(58.3)	(52.4)	(57.5)	(52.0)	-9.6%	(52.0)	0.0%
Total Operations	267.5	298.8	343.2	397.4	15.8%	413.2	4.0%
Debt Service	214.9	209.3	235.1	238.7	1.5%	256.3	7.4%
Total Operating (Excluding Drought)	482.4	508.1	578.4	636.1	10.0%	669.5	5.2%

*Projection is based on the first six months of the year.

DEPARTMENT OPERATING EXPENSE HIGHLIGHTS

The Water System comprises 14 staffed departments that perform and provide operations, and also support functions for the Wastewater System. This section details the various departments including their labor and non-labor budgets, department goals and staffing.

The table below is a summary of the Water System staffed departments' budgets, which excludes the capital support overhead allocated from operations to capital. It also excludes the Drought Department as this department is only staffed during declared droughts and at the direction of the Board. There are no planned expenditures for the Drought Department during FY 2024 and FY 2025.

All Water System Departments Operating Budget Details

Department Operating Budget Detail and Historical Comparison (\$ Millions)

Category	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Actuals	Budget	Budget	% Change	Budget	% Change
Total Labor and Benefits	333.6	352.6	359.3	417.8	16.3%	423.8	1.5%
<i>Less: Capital Labor and Benefits</i>	98.4	97.0	100.6	111.2	10.5%	113.2	1.8%
Operating Labor and Benefits	235.2	255.6	258.6	306.6	18.5%	310.6	1.3%
Contract Services	18.7	19.8	22.2	25.4	14.5%	25.6	0.8%
Other Costs	85.2	87.2	97.3	119.6	22.9%	127.9	6.9%
Operating Total	339.1	362.6	378.1	451.5	19.4%	464.1	2.8%

Labor and Benefits

Operating labor and benefits costs are allocated to staffed departments. Included in the labor budget are various assumptions, including cost-of-living adjustments, eligibility for promotions, turnover rates, the lead time to fill vacancies, and future benefit costs. Departments' labor and benefits budget are shown later in this chapter.

Total labor and benefit costs are expected to grow \$58.5 million, or 16.3 percent, compared to FY 2023. The significant growth in labor and benefit cost in FY 2024 is driven by several factors, including:

- Staff increases due to notable investments in several key areas, including replacing contracted services with staff in areas of the District's core work, and enhancing support services that benefit employees and will improve the quality and diversity of EBMUD's talent pipeline;
- Increasing labor and benefit costs due to inflation-linked wage increases in labor agreements; and
- As happens every 12 to 13 years, in FY 2024 there is an additional pay period during the budget year, though employees will continue to receive paychecks biweekly and will not receive an additional paycheck.

These increases are offset, in part, by an increasing number and relative size of participants in the District's 2013 Plan for retirement, which has a lower employer contribution rate. Additionally, an expectation for continued high turnover and a significant number of new positions reduces the assumption for the time that positions will be filled throughout the year.

In FY 2025, total labor and benefit costs increase \$6 million, or 1.5 percent compared to FY 2024, primarily for scheduled step increases and assumptions for cost-of-living adjustments. This is offset by a standard number of pay periods in the fiscal year, as well as savings due to the time required to fill positions.

Non-Labor

In FY 2024, staffed department non-labor costs are budgeted to increase \$25.5 million, or 21.4 percent compared to the prior fiscal year's adopted budget. The major drivers accounting for the increase include:

- Chemical cost increases of \$7.3 million, or 136 percent cost increase. This is driven by substantial inflationary and supply chain pressures on chemical costs, some of which have increased on a per-unit basis by more than 200 percent.
- Energy expenses increasing by \$5.4 million, or 40 percent, compared to the prior year. These increases are due to the wholesale energy market and are driven by market forces. Favorably, the District does produce and sell energy, so the added costs are somewhat offset by added revenue, though revenue does not typically grow as fast as costs.
- An additional \$880,000 increase, or 27 percent, for fuel, driven by the increase in gas prices compared to the prior budget cycle.
- Computer software by \$2.4 million, due to cost increases for existing software, as well as increasing investments in cloud-based computing resources and cybersecurity software.

These increases are offset by a \$402,000 reduction (43% decrease) in external leases of vehicles, a significant reduction in computer hardware valued at less than \$5,000, and other reductions in small tools, safety clothing, and more, nearly all of which is reducing budgets to actual prior expense trends.

In FY 2025, staffed department non-labor costs are budgeted to increase \$8.5 million or 5.9 percent compared to FY 2024. The major drivers accounting for the increase include:

- Energy costs by an additional \$3.2 million, or 17 percent, based on prior energy market trends and expectations that growth in costs will continue.
- Chemical costs are expected to increase again by \$748,000, or an additional 6 percent, which is in line with prior trends in annual cost increases, though still significant.
- Fees and license renewals will grow by \$758,000, or 18 percent, due to license renewals that occur less than annually.
- Software costs will rise an additional \$534,000, or 6 percent, as additional investments are made in cybersecurity and cloud-based computing.

DEPARTMENT OPERATING EXPENSES BY BUDGET CATEGORY

The table below depicts the Water System staffed departments operations budget by expense category. It excludes capital labor which is shown by department later in this chapter.

Water System Staffed Department Operating Expenses by Budget Category

Staffed Department Operations by Category (\$ Millions)								
Departments	FY 2024				FY 2025			
	Labor	Contracts	Other	Total	Labor	Contracts	Other	Total
Administration	-	-	-	-	-	-	-	-
Customer & Community Services	23.7	0.3	4.0	28.0	24.1	0.3	4.2	28.5
Engineering & Construction	24.7	0.2	3.2	28.1	25.1	0.2	3.3	28.6
Finance	21.0	1.6	12.5	35.2	21.0	1.6	13.4	36.0
Human Resources	9.5	1.4	2.0	12.9	9.6	1.4	2.0	13.1
Information Systems	26.9	2.7	7.9	37.5	27.2	2.8	8.3	38.4
Maintenance & Construction	69.4	1.6	22.6	93.6	70.6	1.7	23.4	95.7
Natural Resources	13.2	3.3	4.4	20.9	13.3	3.3	4.6	21.3
Office of the General Counsel	4.9	0.8	0.3	5.9	5.0	0.8	0.3	6.0
Office of the General Manager	15.9	1.9	2.5	20.3	16.1	1.7	2.8	20.7
Operations & Maintenance Sup.	14.8	5.5	8.9	29.2	14.9	5.4	9.5	29.9
Water Operations	72.1	5.7	42.7	120.5	73.1	5.8	47.0	125.9
Water Recycling Program	2.3	0.2	5.3	7.8	2.3	0.2	5.6	8.2
Water Resources	8.2	0.3	3.3	11.7	8.3	0.2	3.4	11.8
Total	306.6	25.4	119.6	451.5	310.6	25.6	127.9	464.1

STAFFED DEPARTMENT OPERATIONS

This section describes the staffed departments and includes the following topics:

- **Overview** provides an overall statement about the key responsibilities of the department within the larger mission of the District.
- **Description of Services Provided** describes the responsibilities of the department, including services required to meet regulatory or legal requirements.
- **FY 2024 & FY 2025 Goals** highlight the highest priority tasks or projects related to the budget, and the District Strategic Plan.
- **Department Budget Summary** is a table that shows the Department's operating budget expenditures by category (Labor and Benefits, Contract Services, Other Costs). It also includes capital labor.
- **Budget Highlights** shows changes in cost relative to the previous fiscal year and describes reasons for those changes. This section focuses on the significant budget changes.
- **Staffing Summary** is a table that shows the Full-Time Equivalency (FTE) for the department by appointment type (full-time, part-time, etc.).
- **Staffing Changes** is a section included only if the department has position changes that require Board approval. The table details the position changes, and provides a change in cost, which is an estimate based on typical salaries and benefit costs for the classification.

Water System Departments

TABLE OF CONTENTS – DEPARTMENTS

Administration Department	72
Customer and Community Services Department.....	73
Engineering and Construction Department.....	76
Finance Department	80
Human Resources Department	83
Information Systems Department.....	86
Maintenance and Construction Department	89
Natural Resources Department.....	93
Office of the General Counsel.....	95
Office of the General Manager	97
Operations and Maintenance Support Department.....	100
Water Operations Department.....	103
Water Recycling Program.....	106
Water Resources Department.....	108



Water Conservation Messages Are Shared in English, Spanish and Chinese During the Drought

ADMINISTRATION DEPARTMENT

Overview

The Administration Department (ADM) is currently unstaffed, and its functions are conducted by the Customer and Community Services Department and the Human Resources Department.

Description of Services Provided

The department does not have any functions or budget in FY 2024 or FY 2025. Previously, memberships were budgeted in this Department, however those are now budgeted in the respective lead departments.

FY 2024 & FY 2025 Goals

The department does not have any Strategic Plan goals in FY 2024 or FY 2025.

Department Budget Summary

The department's projected spending is compared to prior years in the table below.

Administration Department Operating Budget Detail

Department Operating Budget Detail and Historical Comparison (\$ Thousands)

Category	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Actuals	Budget	Budget	% Change	Budget	% Change
Total Labor and Benefits	-	-	-	-	0.0%	-	0.0%
<i>Less: Capital Labor and Benefits</i>	-	-	-	-	0.0%	-	0.0%
Operating Labor and Benefits	-	-	-	-	0.0%	-	0.0%
Contract Services	-	-	-	-	0.0%	-	0.0%
Other Costs	383	107	441	-	-100.0%	-	0.0%
Operating Total	383	107	441	-	-100.0%	-	0.0%

Budget Highlights

The department has no budget due to transferring memberships to respective lead departments.

Staffing Summary

The table below summarizes the department's staffing. There are no changes.

Administration Department Staffing Summary

Department Staffing Summary and Comparison (FTE)

Position Type	FY 2021	FY 2022	FY 2023	FY 2024	Change	FY 2025	Change
Full-Time	1.00	1.00	1.00	1.00	-	1.00	-
Limited-Term / Temp. Const.	-	-	-	-	-	-	-
Intermittent	-	-	-	-	-	-	-
Temporary / Part-Time	-	-	-	-	-	-	-
Total FTE	1.00	1.00	1.00	1.00	-	1.00	-

CUSTOMER AND COMMUNITY SERVICES DEPARTMENT

Overview

The Customer and Community Services Department (CUS) provides quality, responsive customer service using efficient business practices technology, value-added programs and services to District customers and stakeholders guided by fairness, consistency, efficiency, high standards of professionalism, and fiscal responsibility.

Description of Services Provided

The department includes the Contact Center, Customer Services Support, Field Services, New Business Office, Real Estate Services, and Water Conservation divisions. These divisions are the direct interfaces for external customers and internal stakeholders to support billing, collection, and service inquiries; field service operation requests; customer programs and services; Customer Information System administration, maintenance, systems integration and support; water conservation services and assistance; new service and development requests; property management and land acquisitions; and payment processing and mailing services.

FY 2024 & FY 2025 Goals

The department is primarily responsible for the Customer and Community Services Strategic Plan goal. Key department goals include:

- Building trust through our commitment to customers, timely resolution of customer and community inquiries and provide responsive and quality service to meet or exceed customer expectations;
- Expanding the Customer Support Program portfolio through new initiatives in support of the District's most vulnerable customers to improve affordability;
- Improving the applicant project process to align project delivery timeline to meet the expectation of developers;
- Continuing the implementation of the District's Water Conservation Strategic Plan to meet the District's long-term water supply goals and aligning water conservation targets with the State's Long Term Framework objectives. Continue to lock-in water efficiency gains and savings by promoting water conservation to all customer sectors, and community and business partners;
- Advancing sustainable programs and services that support or benefit the community and customers;
- Leveraging the District's land assets and implementing a long-term real estate utilization plan to enhance business operations and increase non-rate revenue in support of customer support programs; and
- Enhancing multi-channel customer support to provide greater convenience to customers and improve the digital experience.

Department Budget Summary

The department’s projected spending is compared to prior years in the table below.

Customer and Community Services Department Operating Budget Detail

Department Operating Budget Detail and Historical Comparison (\$ Thousands)							
Category	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Actuals	Budget	Budget	% Change	Budget	% Change
Total Labor and Benefits	18,401	19,831	20,915	24,332	16.3%	24,706	1.5%
<i>Less: Capital Labor and Benefits</i>	513	610	438	634	44.6%	642	1.3%
Operating Labor and Benefits	17,888	19,221	20,476	23,698	15.7%	24,064	1.5%
Contract Services	251	196	285	284	-0.4%	300	5.5%
Other Costs	2,702	2,567	3,209	3,973	23.8%	4,180	5.2%
Operating Total	20,841	21,985	23,971	27,955	16.6%	28,544	2.1%

Budget Highlights

The department’s operating budget in FY 2024 is increasing \$4.0 million, or 16.6 percent, compared to FY 2023. In FY 2025, the budget will increase \$0.6 million, or 2.1 percent, compared to the first year of the biennial budget. Significant changes include:

FY 2024

Total labor and benefit costs are increasing in FY 2024 due to inflation-linked wage increases negotiated with labor groups, one additional pay period in the fiscal year compared to most other fiscal years, and a slight increase of funded positions to support the District’s ongoing affordability efforts. Contract services are increasing due to the expansion of language interpretation services. These costs are offset by reduced maintenance of disposed equipment. Major drivers of other cost increases include computer software transferred from ISD, increased lien fees, replacement of mailroom equipment, higher vehicle use charges and property taxes/assessments, and increased outreach for the customer assistance and water conservation programs.

FY 2025

Total labor and benefit costs will grow slightly in FY 2025 due to expectations for inflation-linked wage increases, offset in part by a decrease in costs due to a standard number of pay periods in the fiscal year. Contract services are increasing slightly due to negotiated contract escalators for payment collection services and mailroom equipment maintenance support. Other costs are increasing primarily for Proposition 218 notices costs incurred only in the second year of the budget.

Staffing Summary

The table below summarizes the staffing changes and transfers that have occurred among departments. In FY 2024, one Limited-Term FTE position will be added.

Customer and Community Services Department Staffing Summary

Department Staffing Summary and Comparison (FTE)							
Position Type	FY 2021	FY 2022	FY 2023	FY 2024	Change	FY 2025	Change
Full-Time	124.00	120.00	120.00	120.00	-	120.00	-
Limited-Term / Temp. Const.	-	4.00	4.00	5.00	1.00	5.00	-
Intermittent	3.00	3.00	3.00	3.00	-	3.00	-
Temporary / Part-Time	13.50	11.50	11.50	11.50	-	11.50	-
Total FTE	140.50	138.50	138.50	139.50	1.00	139.50	-

Staffing Changes

The table below summarizes the FTE changes excluding transfers among departments. In FY 2024, one FTE will be added to support new connections during peak workload.

Customer and Community Services Department Staffing Changes

FY 2024 & FY 2025 Department Staffing Changes								
FY	Board Action	From Classification	From Character	To Classification	To Character	Cost Change*	FTE Change	Purpose, Project or Program
2024	Add			New Business Representative I/II	L/T	151,680	1.00	Support new connections during peak workload

ENGINEERING AND CONSTRUCTION DEPARTMENT

Overview

The Engineering and Construction Department (ENG) is responsible for developing plans, policies and programs that ensure the availability of adequate physical facilities for water treatment, storage, and conveyance to meet future water service needs. These responsibilities include water system capital program implementation, infrastructure management, system expansions, and building facility improvements. The department provides technical leadership and innovation in engineering, construction, research and development, and operational efficiency improvements.

Description of Services Provided

The department includes Water Distribution Planning, Design, Construction, Pipeline Infrastructure, and Engineering Services divisions. Services include planning, design, project management, and construction management and inspection of water system capital projects. Support services include cost estimating, contract specifications preparation, bid and award management, surveying, mapping, graphic design, hydraulic modeling, geotechnical engineering and dam safety, materials testing, engineering records storage, and engineering support to other departments.

FY 2024 & FY 2025 Goals

The department is primarily responsible for leading the Long-Term Infrastructure Investment goal and providing a supporting role to all other goals identified in the Strategic Plan. Key department goals include:

- Developing and maintaining coordinated master plans;
- Implementing the capital improvement program based on priorities identified in the plans to ensure resilient water infrastructure;
- Planning, design and supporting construction for the ramp-up of distribution pipeline infrastructure renewals and for system improvements and extensions;
- Planning, designing, and constructing the rehabilitation of water supply and distribution facilities including pipelines, pumping plants, reservoirs, regulators, rate control stations, and dams;
- Planning, designing, and constructing improvements at the water treatment plants to ensure continued safe and reliable plant operations and delivery of high-quality water to customers;
- Supporting the implementation and use of information technologies that improve the efficiency and effectiveness of business processes, such as Computer Aided Design and Building Information Management tools, Construction Management Information software, geospatial tools, and radio frequency identification; and
- Providing engineering evaluations and recommendations as part of the District's Emergency Response Plan.

Department Budget Summary

The department's projected spending is compared to prior years in the table below.

*Engineering and Construction Department Operating Budget Detail***Department Operating Budget Detail and Historical Comparison (\$ Thousands)**

Category	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Actuals	Budget	Budget	% Change	Budget	% Change
Total Labor and Benefits	61,766	63,037	63,937	74,146	16.0%	75,301	1.6%
<i>Less: Capital Labor and Benefits</i>	43,735	42,920	43,271	49,464	14.3%	50,220	1.5%
Operating Labor and Benefits	18,031	20,117	20,666	24,682	19.4%	25,080	1.6%
Contract Services	111	45	112	153	36.4%	158	3.0%
Other Costs	1,415	2,021	1,631	3,232	98.1%	3,326	2.9%
Operating Total	19,556	22,183	22,410	28,067	25.2%	28,564	1.8%

Budget Highlights

The department's operating budget in FY 2024 is increasing \$5.7 million, or 25.2 percent, compared to FY 2023. In FY 2025, the budget will increase \$0.5 million, or 1.8 percent, compared to the first year of the biennial budget. Significant changes include:

FY 2024

Total labor and benefit costs are increasing in FY 2024 as the District will be adding new positions to support capital improvement projects. Additionally, salary and benefit costs will increase due to inflation-linked wage increases negotiated with labor groups, as well as one additional pay period in the fiscal year compared to most other fiscal years. Contract services are increasing due, in part, to specialized surveying service contracts. Major drivers of other cost increases are computer software, training, fees and licenses, and laboratory supplies.

FY 2025

Total labor and benefit costs will grow slightly in FY 2025 due to expectations for inflation-linked wage increases, offset in part by a decrease in costs due to a standard number of pay periods in the fiscal year. The primary reason contract services are expected to slightly increase is due to specialized surveying service contracts. Other costs are expected to increase modestly due to computer software, fees and licenses, and office services and supplies.

Staffing Summary

The table on the next page summarizes the staffing changes, including transfers. In FY 2024, there is a net increase of 19 full-time positions as some Limited-Term (L/T) and Temporary Construction (TC) positions are being converted to Full-Time, which additionally reduces the FTE count for that type. Additionally, several intern and workforce development positions are being transferred to the Office of Diversity, Equity and Culture (ODEC) to support District-wide talent pipeline development. In FY 2025, one additional full-time position will be added.

Engineering and Construction Department Staffing Summary

Department Staffing Summary and Comparison (FTE)							
Position Type	FY 2021	FY 2022	FY 2023	FY 2024	Change	FY 2025	Change
Full-Time	272.00	274.00	274.00	293.00	19.00	294.00	1.00
Limited-Term / Temp. Const.	11.00	10.00	10.00	-	(10.00)	-	-
Intermittent	-	-	-	-	-	-	-
Temporary / Part-Time	3.50	4.00	4.00	-	(4.00)	-	-
Total FTE	286.50	288.00	288.00	293.00	5.00	294.00	1.00

Staffing Changes

The tables below summarize the FTE changes, excluding transfers among departments.

Engineering and Construction Department Staffing Changes (Part 1)

FY 2024 & FY 2025 Department Staffing Changes (Part 1)								
FY	Board Action	From Classification	From Character	To Classification	To Character	Cost Change*	FTE Change	Purpose, Project or Program
2024	Add			Associate Civil Engineer	REG	236,572	1.00	Support capital improvement program
2024	Add			Associate Civil Engineer	REG	236,572	1.00	Support capital improvement program
2024	Add			Drafting Supervisor	REG	214,223	1.00	Support capital improvement program
2024	Add			Engineering Designer I/II	REG	189,396	1.00	Support capital improvement program
2024	Add			Senior Engineering Designer	REG	209,008	1.00	Support capital improvement program
2024	Add			Principal Management Analyst	REG	280,713	1.00	Innovation and best-practice research
2024	Add			Associate Civil Engineer	REG	236,572	1.00	Support capital improvement program
2024	Add			Assistant Engineer / Junior Engineer	REG	214,263	1.00	Support capital improvement program
2024	Add			Associate Civil Engineer	REG	236,572	1.00	Support capital improvement program
2024	Add			Associate Civil Engineer	REG	236,572	1.00	Support capital improvement program
2024	Add			Associate Civil Engineer	REG	236,572	1.00	Support capital improvement program
2024	Convert Character	Senior Construction Inspector / Construction Inspector	L/T	Senior Construction Inspector / Construction Inspector	REG	-	-	Support baseline growth in capital plan

Engineering and Construction Department Staffing Changes (Part 2)

FY 2024 & FY 2025 Department Staffing Changes (Part 2)								
FY	Board Action	From Classification	From Character	To Classification	To Character	Cost Change*	FTE Change	Purpose, Project or Program
2024	Convert Character	Senior Construction Inspector/ Construction Inspector	L/T	Senior Construction Inspector/ Construction Inspector	REG	-	-	Support baseline growth in capital plan
2024	Convert Character	Senior Construction Inspector/ Construction Inspector	T/C	Senior Construction Inspector/ Construction Inspector	REG	-	-	Support baseline growth in capital plan
2024	Convert Character	Associate Civil Engineer / Associate Electrical Engineer / Associate Mechanical Engineer	T/C	Associate Civil Engineer / Associate Electrical Engineer / Associate Mechanical Engineer	REG	-	-	Support baseline growth in capital plan
2024	Convert Character	Supervising Construction Inspector	T/C	Supervising Construction Inspector	REG	-	-	Support baseline growth in capital plan
2024	Convert Character	Assistant Engineer / Senior Construction Inspector/ Junior Engineer	T/C	Assistant Engineer / Junior Engineer	REG	-	-	Support baseline growth in capital plan
2024	Convert Character	Assistant Engineer / Senior Construction Inspector/ Junior Engineer	T/C	Assistant Engineer / Junior Engineer	REG	-	-	Support baseline growth in capital plan
2024	Convert Character	Construction Inspector	T/C	Construction Inspector	REG	-	-	Support baseline growth in capital plan
2025	Add			Engineering Designer I/II	REG	190,256	1.00	Support capital improvement program

In FY 2024, 11 new FTEs will be added to the department, and an additional eight FTEs will be converted from either Limited-Term (L/T) or Temporary Construction (T/C) to Full-Time (REG). In FY 2025, one additional FTE will be added. All staffing changes are to support growth in the District’s CIP.

FINANCE DEPARTMENT

Overview

The Finance Department (FIN) is responsible for providing proactive and strategic management of District finances and ensuring the long-term financial stability of the District. These responsibilities include managing the finances to meet funding needs, ensuring adequate internal financial controls are maintained, reporting financials timely and accurately, managing the budget effectively and efficiently, implementing reasonable methodologically sound rates and charges consistent with legal requirements, optimizing investment of cash funds, maintaining good standing in the credit markets, and engaging actively with external stakeholders to promote fiscal transparency and accountability.

Description of Services Provided

The department includes Accounting, Internal Audit, Budget and Performance, Treasury Operations, Purchasing, and Risk Management divisions. It provides a range of financial services including accounts payable and payroll, financial reporting, biennial budget management and reporting, grant writing and administration, strategic planning coordination, debt management, credit rating agency and investor relations, rates and charges, investment of funds, procurement and supply chain management, liability and workers compensation claim management, insurance procurement, and internal controls. The department also supports the District's Employee Retirement System with respect to investment management.

FY 2024 & FY 2025 Goals

The department supports all six Strategic Plan goals but is primarily responsible for leading the Long-Term Financial Stability Strategic Plan goal. Key department goals include:

- Developing the biennial budget for FY 2026 and FY 2027;
- Developing the FY 2026 and FY 2027 rates, fees, and charges;
- Developing a long-range financing plan in support of sustainability and resilience;
- Continuing to grow fiscal transparency, accountability in financial reporting, and understanding of the District's rates and charges for the District's ratepayers; and
- Completing replacement of aging financial and materials management information computer systems.

Department Budget Summary

The department's projected spending is compared to prior years in the table below.

Finance Department Operating Budget Detail

Department Operating Budget Detail and Historical Comparison (\$ Thousands)							
Category	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Actuals	Budget	Budget	% Change	Budget	% Change
Total Labor and Benefits	19,063	19,893	18,754	21,410	14.2%	21,342	-0.3%
<i>Less: Capital Labor and Benefits</i>	2,195	1,945	1,755	363	-79.3%	355	-2.4%
Operating Labor and Benefits	16,868	17,948	16,998	21,047	23.8%	20,988	-0.3%
Contract Services	1,106	951	1,353	1,603	18.5%	1,616	0.8%
Other Costs	9,714	10,530	11,491	12,518	8.9%	13,397	7.0%
Operating Total	27,688	29,429	29,842	35,167	17.8%	36,001	2.4%

Budget Highlights

The department's operating budget in FY 2024 is increasing \$5.3 million, or 17.8 percent, compared to FY 2023. In FY 2025, the budget will increase \$0.8 million, or 2.4 percent, compared to the first year of the biennial budget. Significant changes include:

FY 2024

Total labor and benefit costs are increasing in FY 2024 due to inflation-linked wage increases negotiated with labor groups, as well as one additional pay period in the fiscal year compared to most other fiscal years. Capital labor and benefits will decrease due to a shift to operating labor and benefits as the financial system replacement project is complete. Contract services are increasing primarily due to the cost-of-service study, which is conducted less than annually. Additional contract cost drivers include increased costs for District copier maintenance, annual audit expenses, and financial system support. Major drivers of other cost increases are insurance premiums, workers' compensation claims based on multi-year prior trends, bond counsel fees, and financial advisor fees.

FY 2025

Total labor and benefit costs will remain relatively stable in FY 2025 due to expectations for inflation-linked wage increases, offset in part by a decrease in costs due to a standard number of pay periods in the fiscal year. The primary reason contract services are expected to slightly increase is due to District copier maintenance and third party administration for workers' compensation and liability. Other costs are expected to increase due to insurance premiums, self-insured liability claims and workers' compensation claims based on multi-year prior trends.

Staffing Summary

The table below summarizes the staffing changes and transfers that have occurred among departments. There are no net changes in FTE in either FY 2024 or FY 2025. In FY 2024, two FTEs will be added, as detailed on the next page, however this is offset by position transfers to other departments.

Finance Department Staffing Summary

Department Staffing Summary and Comparison (FTE)							
Position Type	FY 2021	FY 2022	FY 2023	FY 2024	Change	FY 2025	Change
Full-Time	101.00	99.00	99.00	99.00	-	99.00	-
Limited-Term / Temp. Const.	1.00	-	-	-	-	-	-
Intermittent	-	-	-	-	-	-	-
Temporary / Part-Time	0.50	0.50	0.50	0.50	-	0.50	-
Total FTE	102.50	99.50	99.50	99.50	-	99.50	-

Staffing Changes

The table below summarizes the FTE changes excluding transfers among departments.

Finance Department Staffing Changes

FY 2024 & FY 2025 Department Staffing Changes								
FY	Board Action	From Classification	From Character	To Classification	To Character	Cost Change*	FTE Change	Purpose, Project or Program
2024	Add			Buyer I/II	REG	175,892	1.00	Support capital improvement program
2024	Add			Principal Management Analyst	REG	280,713	1.00	Grants writing

In FY 2024, two full-time FTEs will be added. One position will be devoted to supporting the Purchasing Division and increased workload due to the growing capital improvement program. The other position will be tasked with writing and coordinating grants District-wide, which is expected to increase external revenue, particularly focused on large capital investments. There are no new positions added in FY 2025.

HUMAN RESOURCES DEPARTMENT

Overview

The Human Resources Department (HRD) recruits, develops, and retains a diverse, well-qualified and professional workforce that reflects the values of EBMUD, supports the District's core mission, and leads the organization in positive employee relations, talent management, and succession planning.

Description of Services Provided

The department is comprised of the Employee Relations, Employee Services, and Recruitment and Classification divisions. These divisions administer the District's Employee Retirement System, deferred compensation programs, and employee and retiree benefits; provide guidance to effectively resolve grievances, as well as facilitate labor contract negotiations; work with the Office of Diversity, Equity & Culture on community outreach efforts to attract a diverse applicant pool; and create and implement workforce development programs to recruit and onboard highly qualified and diverse employees.

FY 2024 & FY 2025 Goals

The department is primarily responsible for leading the Workforce Planning and Development Strategic Plan goal. Key department goals include:

- Implementing a new retirement administration system for administration of the EBMUD Employee Retirement System;
- Identifying and implementing a new Human Resources Management System (HRMS) to modernize the management and support of the employee lifecycle;
- Supporting labor negotiations and implementing pay, benefit, and policy changes as needed;
- Completing recruitments and onboarding in a timely manner to expeditiously fill vacancies; and
- Updating the job classification descriptions.

Department Budget Summary

The department's projected spending is compared to prior years in the table below.

Human Resources Department Operating Budget Detail

Department Operating Budget Detail and Historical Comparison (\$ Thousands)							
Category	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Actuals	Budget	Budget	% Change	Budget	% Change
Total Labor and Benefits	8,300	8,937	8,621	10,141	17.6%	10,260	1.2%
<i>Less: Capital Labor and Benefits</i>	535	781	182	621	240.5%	638	2.7%
Operating Labor and Benefits	7,765	8,157	8,439	9,520	12.8%	9,622	1.1%
Contract Services	1,108	1,006	1,160	1,430	23.2%	1,444	1.0%
Other Costs	194	226	1,332	1,995	49.8%	2,037	2.1%
Operating Total	9,067	9,389	10,931	12,945	18.4%	13,103	1.2%

Budget Highlights

The department's operating budget in FY 2024 is increasing \$2.0 million, or 18.4 percent, compared to FY 2023. In FY 2025, the budget will decrease slightly, or 1.2 percent, compared to the first year of the biennial budget. Significant changes include:

FY 2024

Operating labor is increasing due to an increase in staff, driven in part by implementation of new pension and human resources software systems. Additionally, salary and benefit costs will increase due to inflation-linked wage increases negotiated with labor groups, as well as one additional pay period in the fiscal year compared to most other fiscal years. Contract services are expected to increase because of a new contract for Health Insurance Benefit Administration and other existing service vendors increasing fees 3 percent to 4 percent per year. Major drivers of increases in other costs are software contracts returning to the department instead of centralized in ISD, increased costs for the 415 supplemental benefit, and increased advertising costs for recruitments.

FY 2025

Total labor and benefit costs will grow slightly in FY 2025 due to expectations for inflation-linked wage increases, offset in part by a decrease in costs due to a standard number of pay periods in the fiscal year. Contract services and other costs are expected to remain relatively stable compared to FY 2024.

Staffing Summary

The table below summarizes the staffing changes and transfers that have occurred among departments. In FY 2024, two new full-time positions will be added, as well as three limited-term (L/T) positions. One Temporary Construction (T/C) position will be deleted. Note that the drop in FTE from FY 2021 to FY 2022 is due to transferring staff to the newly created Office of Diversity, Equity and Culture in the Office of the General Manager.

Human Resources Department Staffing Summary

Department Staffing Summary and Comparison (FTE)							
Position Type	FY 2021	FY 2022	FY 2023	FY 2024	Change	FY 2025	Change
Full-Time	49.00	39.00	38.00	40.00	2.00	40.00	-
Limited-Term / Temp. Const.	8.00	5.00	4.00	6.00	2.00	6.00	-
Intermittent	-	-	-	-	-	-	-
Temporary / Part-Time	4.50	0.50	0.50	0.50	-	0.50	-
Total FTE	61.50	44.50	42.50	46.50	4.00	46.50	-

Staffing Changes

The table below summarizes the FTE changes excluding transfers among departments.

Human Resources Department Staffing Changes

FY 2024 & FY 2025 Department Staffing Changes								
FY	Board Action	From Classification	From Character	To Classification	To Character	Cost Change*	FTE Change	Purpose, Project or Program
2024	Add			Information Systems Administrator II	REG	254,617	1.00	Product owner for new HRIS, including implementation
2024	Add			Human Resources Analyst I/II / Human Resources Technician	REG	180,275	1.00	Improve onboarding and communication
2024	Add			Senior Administrative Clerk, Confidential	L/T	140,833	1.00	Support peak workload and efficiency improvements
2024	Add			Human Resources Analyst I/II	L/T	180,275	1.00	Support peak workload and efficiency improvements
2024	Add			HRIS Analyst I	L/T	171,549	1.00	Support peak workload and efficiency improvements
2024	Delete	Principal Management Analyst	T/C			(280,713)	(1.00)	REG ISA position is better suited for long-term HRIS project

In FY 2024, five new positions will be added, and one Temporary Construction (T/C) position will be deleted. The new REG (full-time) Information Systems Administrator II position will be added to be the product owner for the new Human Resources Information System (HRIS), and in exchange the T/C Principal Management Analyst position will be deleted. An additional REG position is being added to improve new employee onboarding and communication. And three L/T positions are being added to support peak workload and efficiency improvements.

INFORMATION SYSTEMS DEPARTMENT

Overview

The Information Systems Department (ISD) is responsible for the strategic oversight, including the planning, acquiring, developing, deploying, operating, and maintaining information technology and services in support of District planning and operations. These responsibilities include providing security and recoverability for business systems and data critical to the operations of the District.

Description of Services Provided

The department includes the Project Management Office, IT Applications, IT Operations, and IT Security divisions. Together, these divisions support the lifecycle of the District's technology and communication needs, including initial planning, acquisition, development, deployment, and ongoing maintenance. The department also manages and supports: District websites; desktop, mobile, and cloud computing; remote access; network connectivity; telephone, radio, and microwave communications; application development and integration for a wide range of business functions; risk identification in computing and network environments; guidance to ensure District systems and data are properly secured and available; and planning to ensure business continuity of District computing resources.

FY 2024 & FY 2025 Goals

The department serves a key role in the Long-Term Financial Stability Strategic Plan goal. Key department goals include:

- Developing a five-year Technology Strategic Plan;
- Reviewing and aligning IT Governance and Project Implementation Processes with District mission, vision, values, and processes;
- Continuing efforts to advance the District's Cybersecurity and Personally-Identifiable Information plans, including the continued efforts toward the implementation of the Center for Internet Security Controls and shared governance;
- Ensuring project and maintenance work is performed in a manner that supports the achievement of goals outlined in the District's Strategic Plan, IT Master Plan, and the upcoming IT Strategic Plan;
- Facilitating the implementation of key District projects, which includes the replacement of the human resources core and pension systems;
- Completing implementation of the new financial information system and decommissioning of the previous system; and
- Implementing the IT Governance FY 2024 – FY 2025 Project Portfolio.

Department Budget Summary

The department’s projected spending is compared to prior years in the table below.

Information Systems Department Operating Budget Detail

Department Operating Budget Detail and Historical Comparison (\$ Thousands)							
Category	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Actuals	Budget	Budget	% Change	Budget	% Change
Total Labor and Benefits	23,364	24,423	22,883	26,927	17.7%	27,217	1.1%
<i>Less: Capital Labor and Benefits</i>	587	588	-	-	0.0%	-	0.0%
Operating Labor and Benefits	22,777	23,834	22,883	26,927	17.7%	27,217	1.1%
Contract Services	2,199	2,069	2,875	2,687	-6.5%	2,828	5.3%
Other Costs	6,288	7,156	9,078	7,896	-13.0%	8,348	5.7%
Operating Total	31,264	33,060	34,836	37,510	7.7%	38,393	2.4%

Budget Highlights

The department’s operating budget in FY 2024 is increasing \$2.7 million, or 7.7 percent, compared to FY 2023. In FY 2025, the budget will increase \$0.9 million, or 2.4 percent, compared to the first year of the biennial budget. Significant changes include:

FY 2024

Total labor and benefit costs are increasing in FY 2024 as the District will be adding new positions to support cyber security initiatives. Additionally, salary and benefit costs will increase due to inflation-linked wage increases negotiated with labor groups, as well as one additional pay period in the fiscal year compared to most other fiscal years. Contract services are decreasing due to no longer needing the outside consultant for decommissioned financial systems. Major drivers of other cost decreases are because ISD transferred a significant amount of its computer software budgets to other departments and increased its own computer software budget to support District-wide software. Across the District, software costs are increasing substantially.

FY 2025

Total labor and benefit costs will grow slightly in FY 2025 due to expectations for inflation-linked wage increases, offset in part by a decrease in costs due to a standard number of pay periods in the fiscal year. The primary reason contract services are expected to increase is due to software and hardware management and support license renewals. Other costs are expected to increase due to increases in computer software costs, cloud computing, telephone expenses, and data center lease for disaster recovery.

Staffing Summary

The table below summarizes the staffing changes and transfers that have occurred among departments. In FY 2024, two new full-time positions will be added, including one transfer from the Finance Department. Additionally, one new Temporary Construction (T/C) position will be added, however two Limited-Term (L/T) positions will be transferred to the Office of Diversity, Equity and Culture in the Office of the General Manager in order to support a coordinated internship and workforce development program.

Information Systems Department Staffing Summary

Department Staffing Summary and Comparison (FTE)							
Position Type	FY 2021	FY 2022	FY 2023	FY 2024	Change	FY 2025	Change
Full-Time	92.00	92.00	92.00	95.00	3.00	95.00	-
Limited-Term / Temp. Const.	2.00	2.00	2.00	1.00	(1.00)	1.00	-
Intermittent	-	-	-	-	-	-	-
Temporary / Part-Time	-	-	-	-	-	-	-
Total FTE	94.00	94.00	94.00	96.00	2.00	96.00	-

Staffing Changes

The table below summarizes the FTE changes excluding transfers among departments.

Information Systems Department Staffing Changes

FY 2024 & FY 2025 Department Staffing Changes								
FY	Board Action	From Classification	From Character	To Classification	To Character	Cost Change*	FTE Change	Purpose, Project or Program
2024	Add			Management Analyst I/II	REG	208,969	1.00	Support cybersecurity
2024	Add			Senior Information Technology Engineer / Information Technology Engineer I/II	REG	236,572	1.00	Support cybersecurity
2024	Add			Senior Software Engineer / Software Engineer I/II	T/C	230,722	1.00	Support HRIS Implementation

In FY 2024, two new positions will be added to support a coordinated cybersecurity program, a key Board priority and part of the District’s Strategic Plan. An additional T/C software engineer position will be added to support the HRIS implementation.

MAINTENANCE AND CONSTRUCTION DEPARTMENT

Overview

The Maintenance and Construction Department (MCD) is responsible for installing, replacing, rehabilitating, and maintaining the local water distribution system infrastructure, reading, and maintaining the nearly 400,000 water meters, providing support services, and maintaining over 1,300 vehicles and heavy equipment in the District's fleet.

Description of Services Provided

The department includes the Distribution Maintenance and Construction, Pipeline Construction and Equipment, and Maintenance Support divisions. Distribution Maintenance and Construction installs new services and pipelines and supports the maintenance, replacement, and installation of the water distribution system by identifying and repairing leaks, maintaining valves and hydrants, and replacing pipeline appurtenances. Pipeline Construction and Equipment installs replacement pipelines and provides paving services. Maintenance Support provides District-wide construction support and janitorial services, and is responsible for: vehicle and equipment procurement, maintenance and replacement; meter testing, maintenance, repair, and reading; and backflow prevention.

FY 2024 & FY 2025 Goals

The department has a key role in the Long-Term Infrastructure Investment Strategic Plan goal. Key department goals include:

- Replacing 22.5 miles of distribution pipe in FY 2024 and 25 miles in FY 2025;
- Reading, testing, and replacing revenue-generating water meters;
- Leading the industry in water loss control through using new and innovative technology, effective maintenance practices, and efficient operations;
- Maintaining and procuring the District's fleet of vehicles and equipment to support District operations and meet greenhouse gas reduction goals; and
- Implementing preventive, predictive, and corrective maintenance plans for infrastructure such as pipelines, valves, hydrants, and meters to improve safety, reliability, and efficiency.

Department Budget Summary

Maintenance and Construction Department Budget Table

Department Operating Budget Detail and Historical Comparison (\$ Thousands)							
Category	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Actuals	Budget	Budget	% Change	Budget	% Change
Total Labor and Benefits	93,677	100,563	106,274	121,701	14.5%	124,066	1.9%
<i>Less: Capital Labor and Benefits</i>	41,625	42,450	47,487	52,333	10.2%	53,446	2.1%
Operating Labor and Benefits	52,052	58,113	58,787	69,368	18.0%	70,619	1.8%
Contract Services	1,219	925	952	1,632	71.4%	1,707	4.6%
Other Costs	18,438	17,714	20,407	22,558	10.5%	23,368	3.6%
Operating Total	71,709	76,752	80,146	93,557	16.7%	95,695	2.3%

Budget Highlights

The department’s operating budget in FY 2024 is increasing \$13.4 million, or 16.7 percent, compared to FY 2023. In FY 2025, the budget will increase \$2.1 million, or 2.3 percent, compared to the first year of the biennial budget.

FY 2024

Total labor and benefit costs are increasing in FY 2024 as the Department is adding new positions, discussed below, to support key strategic priorities. Additionally, salary and benefit costs will increase due to inflation-linked wage increases negotiated with labor groups, as well as one additional pay period in the fiscal year compared to most other fiscal years. Contract costs are increasing due to inflationary pressures. Other Costs are increasing because of the increase in costs for chemicals, energy, and petroleum, oil and lubricants (fuel).

FY 2025

Total labor and benefit costs will grow slightly in FY 2025 due to expectations for inflation-linked wage increases, offset in part by a decrease in costs due to a standard number of pay periods in the fiscal year. Contract services are expected to increase slightly due to expected continued inflationary pressures. Other costs are expected to increase slightly due to the increase in fuel costs.

Staffing Summary

In FY 2024, a net total of 19 FTE are being added. Among those are 24 new positions less five existing Limited-Term (L/T) positions, which will be transferred to the Office of Diversity, Equity and Culture in the Office of the General Manager to support a coordinated internship and workforce development program.

Maintenance and Construction Department Staffing Summary

Department Staffing Summary and Comparison (FTE)							
Position Type	FY 2021	FY 2022	FY 2023	FY 2024	Change	FY 2025	Change
Full-Time	596.00	598.00	598.00	615.00	17.00	615.00	-
Limited-Term / Temp. Const.	17.00	13.00	11.00	13.00	2.00	13.00	-
Intermittent	-	-	-	-	-	-	-
Temporary / Part-Time	2.50	2.50	2.50	2.50	-	2.50	-
Total FTE	615.50	613.50	611.50	630.50	19.00	630.50	-

Staffing Changes

Maintenance and Construction Department Staffing Changes

FY 2024 & FY 2025 Department Staffing Changes

FY	Board Action	From Classification	From Character	To Classification	To Character	Cost Change*	FTE Change	Purpose, Project or Program
2024	Add			Heavy Transport Operator	REG	758,398	5.00	Aging infrastructure and reduce FM&O and contracting out
2024	Add			Water Distribution Plumber I/II/III	REG	621,948	4.00	Aging infrastructure and reduce FM&O and contracting out
2024	Add			Heavy Equipment Operator	REG	163,379	1.00	Aging infrastructure and reduce FM&O and contracting out
2024	Add			Water Distribution Plumber I/II/III	REG	310,974	2.00	Aging infrastructure and reduce FM&O and contracting out
2024	Add			Water Distribution Plumber I/II/III	REG	310,974	2.00	Aging infrastructure and reduce FM&O and contracting out
2024	Add			General Pipe Supervisor	REG	224,971	1.00	Aging infrastructure and reduce FM&O and contracting out
2024	Add			Heavy Equipment Operator	REG	163,379	1.00	Aging infrastructure and reduce FM&O and contracting out
2024	Add			Heavy Transport Operator	REG	151,680	1.00	Aging infrastructure and reduce FM&O and contracting out
2024	Add			Water Distribution Plumber I/II/III	L/T	382,521	3.00	Replace meters with highest rates of underbilling
2024	Add			Water Distribution Plumber I/II/III	T/C	255,014	2.00	Aging infrastructure and reduce FM&O and contracting out
2024	Add			Water Distribution Crew Foreman	T/C	194,195	1.00	Aging infrastructure and reduce FM&O and contracting out
2024	Add			Heavy Equipment Operator	T/C	163,379	1.00	Aging infrastructure and reduce FM&O and contracting out
2024	Convert Character	Concrete Finisher I/II & Gardener I/II	L/T & REG	Concrete Finisher I/II	REG	-	-	4.0 FTE; Aging infrastructure and reduce FM&O and contracting out
2024	Convert Character	Paving Raker A & Janitor	L/T & REG	Paving Raker A	REG	-	-	2.0 FTE; Aging infrastructure and reduce FM&O and contracting out

Twenty-one new FTE will be added related to aging infrastructure and reducing Fully Maintained and Operated (FM&O) contracts and other contracting out. An additional six FTEs are having their L/T classifications converted to full-time (regular) positions to in order to support aging infrastructure and reducing FM&O and contracting out, for a total of 27 FTEs affected for this purpose. Among the new full-time (regular) positions for this priority, a new pipeline rebuild service crew will be added, consisting of a General Pipe Supervisor, two Water Distribution Plumbers (WDPs), one Heavy Equipment Operator (HEO), and one Heavy Transport Operator (HTO). An additional full-time (regular) six WDPs, five HTOs, and one HEO will be added as well, which will reduce contracting out. Additionally, four new Temporary Construction (T/C) positions (Water Distribution Crew Foreman, two WDPs, one HEO) will be added to address copper service lateral corrosion, which will also reduce contracting out.

Additionally, three new Limited-Term (L/T) positions will be added to support a project to replace water meters that have been identified as having the highest rates of underbilling customers. Improved accuracy is expected to slightly increase revenue enough to pay for these positions over a two-to-four-year period, depending on speed of replacement and the level of inaccuracy of the current meters.

NATURAL RESOURCES DEPARTMENT

Overview

The Natural Resources Department (NRD) develops and implements plans, policies, and programs necessary to manage over 50,000 acres of water, watershed lands and related facilities. The department develops and implements programs for water quality, fisheries and wildlife enhancement and protection, natural resource management and monitoring, wildfire suppression and fuels management, and public recreation areas and trails on these lands, reservoirs, rivers, and streams.

Description of Services Provided

The department includes the East Bay Watershed and Recreation, Mokelumne Watershed and Recreation, and Fisheries and Wildlife divisions. Both the East Bay and Mokelumne Watershed and Recreation divisions manage and protect the local and upcountry watershed lands owned by the District, including overseeing environmental, recreation, and public education programs. The Fisheries and Wildlife Division develops and maintains the scientific information necessary to manage and protect wildlife and fisheries on District-owned lands and the fisheries resources of the lower Mokelumne River, conducts monitoring to comply with water right agreements, provides biological support for capital projects, and responds to service area water discharge incidents. Together the divisions support each other with planning, grant execution, regional collaborations, and new initiatives.

FY 2024 & FY 2025 Goals

The department has a key role in the Water Quality and Environmental Protection Strategic Plan goal. Key department goals include:

- Implementing the water quality protection, environmental stewardship, and recreation and public use programs consistent with the East Bay and Mokelumne Watershed Master Plans;
- Continuing to build on the successful fisheries program for the Mokelumne River including expansion of the science programs on outmigration survival, juvenile barging, hatchery genetics management, and working collaboratively with public organization, non-profit, and local landowner partners along the lower Mokelumne River;
- Continuing to implement the East Bay Habitat Conservation Plan through pond maintenance, fencing, invasive species management, and monitoring in the East Bay Watershed covered areas; and the Mokelumne Safe Harbor Agreement through enhancement and maintenance of pond habitat, elderberry bush habitat, and enhancing federally listed species on the Mokelumne Watershed;
- Participating and collaborating in addressing fire and fuels management and forest health issues in the East Bay and Mokelumne watersheds; and
- Partnering with the Operations and Maintenance Department on collaboratively managing the Joint Settlement Agreement flows on the Lower Mokelumne river and in ongoing water quality monitoring in the Mokelumne watershed.

Department Budget Summary

The department's projected spending is compared to prior years in the table below.

Natural Resources Department Operating Budget Detail

Department Operating Budget Detail and Historical Comparison (\$ Thousands)							
Category	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Actuals	Budget	Budget	% Change	Budget	% Change
Total Labor and Benefits	10,373	11,048	11,443	13,239	15.7%	13,425	1.4%
<i>Less: Capital Labor and Benefits</i>	155	79	72	84	16.5%	85	0.3%
Operating Labor and Benefits	10,218	10,969	11,371	13,155	15.7%	13,341	1.4%
Contract Services	2,772	2,907	3,194	3,271	2.4%	3,347	2.3%
Other Costs	3,108	3,133	4,121	4,443	7.8%	4,617	3.9%
Operating Total	16,098	17,009	18,685	20,868	11.7%	21,305	2.1%

Budget Highlights

The department's operating budget in FY 2024 is increasing \$2.2 million, or 11.7 percent, compared to FY 2023. In FY 2025, the budget will increase \$0.4 million, or 2.1 percent, compared to the first year of the biennial budget. Significant changes include:

FY 2024

Labor and benefit costs will increase due to inflation-linked wage increases negotiated with labor groups, as well as one additional pay period in the fiscal year compared to most other fiscal years. For contract services, the largest dollar increase was due to the cost of security contracts. Other major drivers include the increased costs of operating contracts with California Department of Fish and Wildlife for the Mokelumne River Fish Hatchery.

FY 2025

Total labor and benefit costs will grow slightly in FY 2025 due to expectations for inflation-linked wage increases, offset in part by a decrease in costs due to a standard number of pay periods in the fiscal year. Other costs such as rent and operating costs for the hatchery are expected to increase modestly.

Staffing Summary

The table below summarizes the staffing changes and transfers that have occurred among departments. In FY 2024, a position will transfer into the Fisheries and Wildlife Lodi Office from Water Supply Improvements in the Water Resources Department. There are no net new positions.

Natural Resources Department Staffing Summary

Department Staffing Summary and Comparison (FTE)							
Position Type	FY 2021	FY 2022	FY 2023	FY 2024	Change	FY 2025	Change
Full-Time	64.00	64.00	64.00	65.00	1.00	65.00	-
Limited-Term / Temp. Const.	-	-	-	-	-	-	-
Intermittent	-	-	-	-	-	-	-
Temporary / Part-Time	2.50	2.50	2.50	2.50	-	2.50	-
Total FTE	66.50	66.50	66.50	67.50	1.00	67.50	-

OFFICE OF THE GENERAL COUNSEL

Overview

The Office of the General Counsel (OGC) provides the legal advice and assistance necessary to implement the District's mission, policies, and programs in a manner consistent with the law and to take charge of litigation and other legal matters in which the District is a party or in which it is legally interested.

Description of Services Provided

The department provides legal assistance and litigation support to the Board, General Manager, and staff in such areas as: resources law; municipal and public law; environmental law; public works contracting; construction and real estate law; personnel, benefits, retirement and labor law; risk management and insurance; public finance and governmental law; tort law; and rates, regulations, and public policy matters.

FY 2024 & FY 2025 Goals

Key department goals include:

- Providing the District, its officers, and its employees with competent, responsible, and effective representation in all proceedings in which the District is a party or has an interest, and obtaining the best results possible given the facts and law applicable to the specific case;
- Ensuring that all documents with legal significance presented to the OGC for review, or are originally prepared by OGC, accomplish the purpose for which they are intended, protect the District from legal risk to the full extent staff considers appropriate for the transaction, and are written in clear and understandable language in an appropriate legal form;
- Providing accurate, clear, and practical oral legal advice that is responsive to the questions and facts presented;
- Providing accurate, clear, and practical written legal memoranda and opinions that are thoroughly researched timely and in an appropriately professional form;
- Providing forceful and persuasive advocacy on behalf of the District in non-judicial settings when requested to do so;
- Ensuring that all legal services provided to the District are cost-effective, responsive to the directions of the Board, and professionally competent; and
- Adhering to the highest standards of professional conduct and legal ethics including those standards set forth in the Rules of Professional Conduct.

Department Budget Summary

The department’s projected spending is compared to prior years in the table below.

Office of the General Counsel Operating Budget Detail

Department Operating Budget Detail and Historical Comparison (\$ Thousands)							
Category	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Actuals	Budget	Budget	% Change	Budget	% Change
Total Labor and Benefits	3,836	3,483	4,659	4,935	5.9%	4,982	1.0%
<i>Less: Capital Labor and Benefits</i>	-	-	-	-	0.0%	-	0.0%
Operating Labor and Benefits	3,836	3,483	4,659	4,935	5.9%	4,982	1.0%
Contract Services	806	979	750	750	0.0%	750	0.0%
Other Costs	80	158	188	250	33.4%	251	0.3%
Operating Total	4,721	4,620	5,597	5,935	6.0%	5,983	0.8%

Budget Highlights

The department’s operating budget in FY 2024 is increasing \$0.3 million, or 6.0 percent, compared to FY 2023. In FY 2025, the budget will increase slightly, or 0.8 percent, compared to the first year of the biennial budget. Changes include:

FY 2024

Salary and benefit costs will increase due to inflation-linked wage increases negotiated with labor groups, as well as one additional pay period in the fiscal year compared to most other fiscal years. Major drivers of other cost increases are software contracts returning to the department instead of centralized in ISD and funding for two external law clerk interns.

FY 2025

Total labor and benefit costs will grow slightly in FY 2025 due to expectations for inflation-linked wage increases, offset in part by a decrease in costs due to a standard number of pay periods in the fiscal year. Other costs are expected to remain relatively stable compared to FY 2024.

Staffing Summary

The table below summarizes the staffing changes and transfers that have occurred among departments. There are no changes to the department’s staffing.

Office of the General Counsel Staffing Summary

Department Staffing Summary and Comparison (FTE)							
Position Type	FY 2021	FY 2022	FY 2023	FY 2024	Change	FY 2025	Change
Full-Time	16.00	16.00	16.00	16.00	-	16.00	-
Limited-Term / Temp. Const.	-	-	-	-	-	-	-
Intermittent	-	-	-	-	-	-	-
Temporary / Part-Time	1.00	0.50	0.50	0.50	-	0.50	-
Total FTE	17.00	16.50	16.50	16.50	-	16.50	-

OFFICE OF THE GENERAL MANAGER

Overview

The Office of the General Manager (OGM) manages the overall operations of the District and implements the policies and priorities of the elected Board of Directors with an emphasis on effectively communicating with all stakeholders and advancing EBMUD's policy objectives with the state legislature and congress.

Description of Services Provided

The department includes five divisions: Office of the General Manager, Inter-Governmental Affairs, Public Affairs, Office of the Secretary, and the Office of Diversity, Equity, and Culture. The Office of the General Manager provides several District-wide functions including: legislative and intergovernmental agency advocacy; public and community education and outreach; support to the Board of Directors and District-wide records management including managing responses to public records requests; and work on initiatives related to diversity, equity, and inclusion.

FY 2024 & FY 2025 Goals

The department supports all the Strategic Plan goals. Key department goals include:

- Providing cross-departmental direction to cohesively and effectively manage operations and implement Board policies and priorities;
- Supporting water and wastewater program goals through engaging and communicating with the public, key stakeholders, and employees about operations and infrastructure, Board policy proposals and decisions, and stewardship of the District's natural, financial, and human resources;
- Educating stakeholders on the need for investment in infrastructure and innovation, water supply planning, climate and infrastructure resiliency, and other priorities as expressed through the District's Strategic Plan;
- Supporting the District's workforce planning and development goals through the implementation of the Diversity, Equity, and Inclusion Strategic Plan;
- Supporting water and wastewater program goals through legislative efforts to advance policy objectives, secure state and federal funding, and proactively influence legislation through effective advocacy; and
- Exploring ways to work better together to continue providing administrative and ministerial support to the Board of Directors, the General Manager, and staff in carrying out the District's mission.

Department Budget Summary

The department’s projected spending is compared to prior years in the table below.

Office of the General Manager Operating Budget Detail

Department Operating Budget Detail and Historical Comparison (\$ Thousands)							
Category	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Actuals	Budget	Budget	% Change	Budget	% Change
Total Labor and Benefits	8,625	10,045	10,248	15,861	54.8%	16,129	1.7%
<i>Less: Capital Labor and Benefits</i>	7	4	-	-	0.0%	-	0.0%
Operating Labor and Benefits	8,617	10,041	10,248	15,861	54.8%	16,129	1.7%
Contract Services	990	914	1,069	1,865	74.5%	1,747	-6.3%
Other Costs	793	1,202	2,055	2,536	23.4%	2,834	11.8%
Operating Total	10,400	12,157	13,371	20,262	51.5%	20,710	2.2%

Budget Highlights

The department’s operating budget in FY 2024 is increasing \$6.9 million, or 51.5 percent, compared to FY 2023. In FY 2025, the budget will increase \$0.4 million, or 2.2 percent, compared to the first year of the biennial budget. Significant changes include:

FY 2024

Total labor and benefit costs are increasing in FY 2024 as the District will be adding new intern positions and consolidating nearly all intern and special employment program positions into the Office of Diversity, Equity and Culture. This will lead to a more organized and effective program that is expected to grow the pipeline for a more diverse workforce. Additionally, salary and benefit costs will increase due to inflation-linked wage increases negotiated with labor groups, as well as one additional pay period in the fiscal year compared to most other fiscal years. Major drivers of other cost include contracts for outside services to fulfill DEI Strategic Plan action items, increased funding for training, the new Clear Channel billboard lease credits reimbursement to Wastewater, and software contracts returning to the department instead of centrally managed in ISD.

FY 2025

Total labor and benefit costs will grow slightly in FY 2025 due to expectations for inflation-linked wage increases, offset in part by a decrease in costs due to a standard number of pay periods in the fiscal year. The primary reason contract costs are expected to decrease is the completion of one-time Crisis Communications Training and centennial activities in FY 2024. Operating costs will increase because of increased costs for filings, legal notices, mailing and courier services associated with the California Environmental Quality Act, and increased printing costs for the Annual Water Quality Report.

Staffing Summary

The table on the next page summarizes the staffing changes and transfers that have occurred among departments. In FY 2024, the department’s full-time staff is growing by three, including two new positions, detailed below, as well as a transfer from the Finance Department. An additional 14.0 limited-term and 7.5 part-time Full-Time Equivalent (FTE) will be added either through transfers from other departments, primarily, or through new positions, which are detailed on the next page.

Office of the General Manager Staffing Summary

Department Staffing Summary and Comparison (FTE)							
Position Type	FY 2021	FY 2022	FY 2023	FY 2024	Change	FY 2025	Change
Full-Time	28.00	45.00	49.00	52.00	3.00	52.00	-
Limited-Term / Temp. Const.	-	2.00	1.00	15.00	14.00	15.00	-
Intermittent	-	-	-	-	-	-	-
Temporary / Part-Time	0.50	6.50	6.00	13.50	7.50	13.50	-
Total FTE	28.50	53.50	56.00	80.50	24.50	80.50	-

Staffing Changes

The table below summarizes the FTE changes excluding transfers among departments.

Office of the General Manager Staffing Changes

FY 2024 & FY 2025 Department Staffing Changes								
FY	Board Action	From Classification	From Character	To Classification	To Character	Cost Change*	FTE Change	Purpose, Project or Program
2024	Add			Community Affairs Representative I/II	REG	208,969	1.00	Support outreach on expanded capital plan
2024	Add			Community Affairs Representative III	REG	230,623	1.00	Consolidate and increase education programs and outreach
2024	Add			Ranger/Naturalist I/II	L/T	130,779	1.00	Support workforce diversity
2024	Add			Engineering Aide	P/T	112,753	1.00	Support workforce diversity
2024	Add			Student Intern	P/T	112,753	1.00	Support workforce diversity
2024	Add			Information Technology Intern I/II	P/T	134,090	1.00	Support workforce diversity
2024	Add			Engineering Aide	P/T	112,753	1.00	Support workforce diversity
2024	Delete	Worker Trainee	P/T			-	(1.00)	Replaced by Engineering Aides

Two new positions will be added to the Office of Public Affairs, including one to outreach on the growing CIP and another to consolidate and increase the District’s educational resources and community outreach, a key Board priority and part of the District’s Strategic Plan.

Five new FTEs are being added to support workforce diversity and the hiring pipeline, while one FTE, comprising two Part-Time positions, will be deleted and replaced with one FTE, also two Part-Time, Engineering Aides, which is better suited for workforce development goals.

OPERATIONS AND MAINTENANCE SUPPORT DEPARTMENT

The Operations and Maintenance Support Department (OSD) is responsible for managing and improving the operational information systems, water system infrastructure, processes, and assets, and providing District-wide support and leadership in health and safety, environmental compliance, emergency preparedness, business continuity, and facility security.

Description of Services Provided

The department includes the Regulatory Compliance Office, Water Quality Office, and Asset Management Division. The Regulatory Compliance Office provides environmental compliance guidance and assistance, security services, emergency preparedness support, and workplace health and safety support to the entire District. The Water Quality Office provides technical review and oversight of water quality issues at the treatment plants and in the distribution system, as well as review of upcoming legislative and regulatory changes that may impact water quality. The Asset Management Division develops and maintains work management systems and tools, including mobile and GIS technologies for field operations and staff; coordinates technical training and educational programs for department staff; and provides leadership and guidance for knowledge retention efforts.

FY 2024 & FY 2025 Goals

The department has primary responsibility for leading the Water Quality and Environmental Protection Strategic Plan goal and supporting the Customer and Community Services and Workforce Planning and Development goals. Key department goals include:

- Ensuring compliance with water discharge, air emission, and land disposal requirements to protect and preserve the environment;
- Supporting the accelerated pipeline infrastructure renewal capital program;
- Providing technical input and guidance in the development of the capital program for the water treatment plants (WTPs);
- Reviewing water quality data on a regular basis and assessing strategies for improvements;
- Operating and maintaining District facilities to anticipate and meet all water discharge, air emission, and land disposal regulations to protect and preserve the environment;
- Minimizing impacts to the environment by reducing, recycling, reusing and reclaiming waste, and by conserving natural resources;
- Supporting a safe and healthy workplace for all employees; and
- Maintaining active Emergency Preparedness and Business Continuity Programs to plan for and manage the District's functions during and following an emergency.

Department Budget Summary

The department's projected spending is compared to prior years in the table below.

Operations and Maintenance Support Department Operating Budget Detail

Department Operating Budget Detail and Historical Comparison (\$ Thousands)							
Category	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Actuals	Budget	Budget	% Change	Budget	% Change
Total Labor and Benefits	12,640	12,805	13,102	15,375	17.4%	15,536	1.0%
<i>Less: Capital Labor and Benefits</i>	723	890	618	598	-3.2%	604	1.0%
Operating Labor and Benefits	11,917	11,915	12,483	14,777	18.4%	14,932	1.0%
Contract Services	4,643	5,595	4,767	5,540	16.2%	5,443	-1.7%
Other Costs	6,374	6,457	6,924	8,927	28.9%	9,495	6.4%
Operating Total	22,933	23,968	24,175	29,244	21.0%	29,869	2.1%

Budget Highlights

The department's operating budget in FY 2024 is increasing \$5.1 million, or 21.0 percent, compared to FY 2023. In FY 2025, the budget will increase \$0.6 million, or 2.1 percent, compared to the first year of the biennial budget. Significant changes include:

FY 2024

Operating labor and benefits costs will increase due to inflation-linked wage increases negotiated with labor groups, as well as one additional pay period in the fiscal year compared to most other fiscal years. Contract services costs are increasing due to a significant increase in a few of the professional services contracts. Specifically, with the contractors handling COVID-19 case management and assistance with the COVID-19 hotline. Other operating costs are increases primarily because of increased costs in energy, chemicals, fuel, and spoils and sludge disposals. The latter category in particular is growing for the department as these costs were previously budgeted in the Maintenance and Construction and Water Operations departments and have been consolidated and are now budgeted within OSD.

FY 2025

Total labor and benefit costs will grow slightly in FY 2025 due to expectations for inflation-linked wage increases, offset in part by a decrease in costs due to a standard number of pay periods in the fiscal year. The primary reason contract services are expected to decrease is due to the COVID-19 related expenses being completed. Other costs are expected to increase due to an increase of more in-person training and travel, which was previously cancelled due to COVID-19. Additionally, fees and licenses also continue to increase significantly, driven in part by increased reviews related to environmental protection.

Staffing Summary

The table below summarizes the staffing changes and transfers that have occurred among departments. In FY 2024, one Temporary Construction (T/C) FTE will be added, as detailed below.

Operations and Maintenance Support Department Staffing Summary

Department Staffing Summary and Comparison (FTE)							
Position Type	FY 2021	FY 2022	FY 2023	FY 2024	Change	FY 2025	Change
Full-Time	53.00	55.00	55.00	55.00	-	55.00	-
Limited-Term / Temp. Const.	-	-	-	1.00	1.00	1.00	-
Intermittent	-	-	-	-	-	-	-
Temporary / Part-Time	-	-	-	-	-	-	-
Total FTE	53.00	55.00	55.00	56.00	1.00	56.00	-

Staffing Changes

The table below summarizes the FTE changes excluding transfers among departments.

Operations and Maintenance Support Department Staffing Changes

FY 2024 & FY 2025 Department Staffing Changes								
FY	Board Action	From Classification	From Character	To Classification	To Character	Cost Change*	FTE Change	Purpose, Project or Program
2024	Add			Information Systems Support Analyst I/II	T/C	204,031	1.00	Support new assets in capital improvement program

In FY 2024, one new T/C FTE will be added to support new assets being added in the CIP.

WATER OPERATIONS DEPARTMENT

Overview

The Water Operations Department (WOD) is responsible for the operation and maintenance of all water and power generation facilities spanning six counties, including Freeport Regional Water Authority facilities. Duties include oversight over all raw and treated water operations, dam operation and maintenance, support for water supply projects, support for water rights negotiation and interpretation, and management of the District's federal Central Valley Project supply.

Description of Services Provided

The department includes Facilities Maintenance and Construction, Water Quality Office, Water Treatment and Distribution, and Water Supply divisions. Facilities Maintenance and Construction provides support for the water treatment and distribution infrastructure and other facilities including the computer systems used to operate the water system. Water Treatment and Distribution Division is responsible for providing high quality water by meeting or exceeding public health and water quality standards. Water Supply Division is responsible for raw water operation including flood control and Mokelumne River regulation, maintaining the District's aqueduct rights of way, operation and maintenance of upcountry water and wastewater systems and facilities, water system regulatory compliance and monitoring, water customer complaint investigation, and emergency response preparedness. The Water Quality Office provides technical review and oversight of water quality issues at the treatment plants and in the distribution system, as well as review of upcoming legislative and regulatory changes that impact water quality.

FY 2024 & FY 2025 Goals

The department has a key role in implementing the Water Quality and Environmental Protection Strategic Plan goal. Key department goals include:

- Implementing OP/NET system improvements and cyber security controls for the industrial control systems and centralized security systems;
- Operating the water system to meet multiple objectives including municipal water supply, water quality, power generation, river flow regulation, environmental protection, and flood control;
- Meeting Joint Settlement Agreement (JSA) Mokelumne River minimum flow releases 100 percent of the time;
- Improving maintenance programs and asset management;
- Meeting water quality regulations and water quality goals 100 percent of the time;
- Managing Freeport Regional Water Facilities and other supplemental supply projects and supporting development of new supply projects;
- Operating the water system efficiently to minimize costs; and
- Leading the District's Energy Management Strategy.

Department Budget Summary

The department's projected spending is compared to prior years in the table below.

Water Operations Department Operating Budget Detail

Department Operating Budget Detail and Historical Comparison (\$ Thousands)							
Category	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Actuals	Budget	Budget	% Change	Budget	% Change
Total Labor and Benefits	62,319	67,019	67,177	77,360	15.2%	78,414	1.4%
<i>Less: Capital Labor and Benefits</i>	6,100	4,851	4,839	5,264	8.8%	5,337	1.4%
Operating Labor and Benefits	56,219	62,168	62,338	72,096	15.7%	73,077	1.4%
Contract Services	3,327	3,949	5,110	5,680	11.2%	5,831	2.7%
Other Costs	29,108	30,217	29,848	42,690	43.0%	47,022	10.1%
Operating Total	88,654	96,334	97,296	120,466	23.8%	125,930	4.5%

Budget Highlights

The department's operating budget in FY 2024 is increasing \$23.2 million, or 23.8 percent, compared to FY 2023. In FY 2025, the budget will increase \$5.5 million, or 4.5 percent, compared to the first year of the biennial budget. Significant changes include:

FY 2024

Total labor and benefit costs are increasing in FY 2024 primarily due to inflation-linked wage increases negotiated with labor groups, as well as one additional pay period in the fiscal year compared to most other fiscal years. Major drivers for the increase in both contract services and other costs is due to substantial increases in the cost of:

- Energy due to wholesale and commercial / industrial energy rates;
- Petroleum, oil and lubricants due to market pricing;
- Chemicals due to supply chain constraints and limited supplier options;
- Spoils and sludge disposal due to market trends;
- Laboratory supplies due to inflationary cost increases and supply chain issues; and
- Increased number of equipment leases, particularly while waiting for equipment purchases that have been slowed due to the supply chain delay in commercial and heavy equipment.

FY 2025

Total labor and benefit costs will grow slightly in FY 2025 due to expectations for inflation-linked wage increases, offset in part by a decrease in costs due to a standard number of pay periods in the fiscal year. Contract services are expected to be nearly flat, with only small increases for continued inflation. Other costs are expected to increase due to the same reasons as FY 2024 and ongoing expectation for somewhat constrained energy and chemical supplies.

Staffing Summary

The table below summarizes the staffing changes and transfers that have occurred among departments. In FY 2024, three new full-time FTEs and one temporary construction FTE will be added, however 2.50 FTEs will be transferred to the Office of Diversity, Equity and Culture in the Office of the General Manager to support a coordinated internship and workforce development program.

Water Operations Department Operating Staffing Summary

Department Staffing Summary and Comparison (FTE)							
Position Type	FY 2021	FY 2022	FY 2023	FY 2024	Change	FY 2025	Change
Full-Time	335.00	333.00	333.00	336.00	3.00	336.00	-
Limited-Term / Temp. Const.	5.00	4.00	4.00	3.00	(1.00)	3.00	-
Intermittent	0.75	0.75	0.75	0.75	-	0.75	-
Temporary / Part-Time	2.50	2.00	2.00	1.50	(0.50)	1.50	-
Total FTE	343.25	339.75	339.75	341.25	1.50	341.25	-

Staffing Changes

The table below summarizes the FTE changes excluding transfers among departments.

Water Operations Department Operating Staffing Changes

FY 2024 & FY 2025 Department Staffing Changes								
FY	Board Action	From Classification	From Character	To Classification	To Character	Cost Change*	FTE Change	Purpose, Project or Program
2024	Add			Instrument Technician / Instrument Worker I/II/III	REG	184,796	1.00	Meet increased need for instrument maintenance
2024	Add			Hydroelectric Power Plant Supervisor	REG	224,971	1.00	Improve support for operating staff at Pardee
2024	Add			Water System Inspector I/II	REG	167,464	1.00	Meet increased need for water quality monitoring

In FY 2024, three new full-time (REG) positions will be added to support various critical operating needs.

WATER RECYCLING PROGRAM

Overview

The Water Recycling Program (WRP) develops and implements projects that provide recycled water for appropriate uses by the District and its customers to reduce the demand on high-quality drinking water supplies.

Description of Services Provided

The program operates and maintains the North Richmond Water Reclamation Plant and the Richmond Advance Recycled Expansion (RARE) facility that provide recycled water for use in the Chevron refinery, and the East Bayshore Recycled Water treatment facility that provides recycled water to customers for irrigation applications. While this program is managed and budgeted under the Water System, the Wastewater Department is responsible for the ongoing operations and maintenance of the facilities that produce recycled water.

FY 2024 & FY 2025 Goals

The department supports the Long-Term Water Supply Strategic Plan goal. Key goals include:

- Continuing to operate and maintain the three recycled water treatment facilities (RARE, North Richmond, and East Bayshore) to meet regulatory standards for recycled water and to maximize production;
- Maintaining contractual obligations with Chevron; and
- Continuing to offset the use of drinking water for non-potable applications as part of the District's water recycling goal.

Department Budget Summary

The department’s projected spending is compared to prior years in the table below.

Water Recycling Program Operating Budget Detail

Department Operating Budget Detail and Historical Comparison (\$ Thousands)							
Category	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Actuals	Budget	Budget	% Change	Budget	% Change
Total Labor and Benefits	1,861	2,017	1,905	2,317	21.7%	2,341	1.1%
<i>Less: Capital Labor and Benefits</i>	1	0	57	-	-100.0%	19	0.0%
Operating Labor and Benefits	1,859	2,017	1,848	2,317	25.4%	2,322	0.2%
Contract Services	184	93	162	205	26.9%	207	0.9%
Other Costs	4,315	3,553	4,348	5,273	21.3%	5,634	6.8%
Operating Total	6,358	5,663	6,357	7,795	22.6%	8,163	4.7%

Budget Highlights

The department’s operating budget in FY 2024 is increasing \$1.4 million, or 22.6 percent, compared to FY 2023. In FY 2025, the budget will increase \$0.4 million, or 4.7 percent, compared to the first year of the biennial budget. Significant changes include:

FY 2024

Total labor and benefit costs are increasing in FY 2024 due to inflation-linked wage increases negotiated with labor groups, as well as one additional pay period in the fiscal year compared to most other fiscal years. Contract services are increasing primarily to complete a tracer study at the North Richmond Water Reclamation Plant required for compliance with Title 22 Regulations and the California State Water Resources Control Board Division of Drinking Water's Recycled Water Unit regulations. Other costs are expected to increase due to processing more recycled water for the Chevron Refinery resulting in higher chemicals, energy, and discharge fees.

FY 2025

Total labor and benefit costs will grow slightly in FY 2025 due to expectations for inflation-linked wage increases, offset in part by a decrease in costs due to a standard number of pay periods in the fiscal year. Contract services are essentially flat. Other costs are expected to increase primarily due to price increases in chemicals, energy, and fees and licenses.

Staffing Summary

The table below summarizes the staffing changes and transfers that have occurred among departments. There are no staffing changes in either fiscal year.

Water Recycling Program Staffing Summary

Department Staffing Summary and Comparison (FTE)							
Position Type	FY 2021	FY 2022	FY 2023	FY 2024	Change	FY 2025	Change
Full-Time	8.00	8.00	8.00	8.00	-	8.00	-
Limited-Term / Temp. Const.	-	-	-	-	-	-	-
Intermittent	-	-	-	-	-	-	-
Temporary / Part-Time	-	-	-	-	-	-	-
Total FTE	8.00	8.00	8.00	8.00	-	8.00	-

WATER RESOURCES DEPARTMENT

Overview

The Water Resources Department (WRD) develops and administers the plans, policies, and programs necessary to protect existing District water resources, develop additional water supplies, and assure the availability of physical facilities to meet future needs.

Description of Services Provided

The department includes the Environmental Affairs Office, and the Water Resources Planning and Water Supply Improvements divisions. The Environmental Affairs Office provides technical and policy evaluation and advocacy on state and federal plans to restore the San Francisco Bay-Delta ecosystem, and technical support, legislative review, and policy development related to sustainability and climate change. The Water Resources Planning Division administers the District's licenses, permits, and agreements for current water supplies and hydropower facilities; conducts water resource modeling to support operations and planning; performs hydrologic and hydraulic analysis of the District's facilities; and prepares reports and plans needed to comply with state and federal regulations. The Water Supply Improvements Division plans and implements supplemental supply and water recycling projects needed to meet current and future water supply needs.

FY 2024 & FY 2025 Goals

The department is primarily responsible for the Long-Term Water Supply Strategic Plan goal. Key department goals include:

- Preserving and managing the District's Mokelumne and East Bay water rights entitlements and agreements, and complying with Federal Energy Regulatory Commission (FERC) hydropower license requirements and U.S. Bureau of Reclamation Central Valley Project contract entitlements;
- Continuing collaborative partnerships for ensuring dry-year water supply including a long-term water transfer agreement with Placer County Water Agency, potential participation in an expanded Los Vaqueros Reservoir, development of a groundwater banking demonstration project with San Joaquin County, and regional water supply reliability partnerships in the Bay Area and with upcountry agencies;
- Preparing the 2025 Urban Water Management Plan, a comprehensive five-year water supply plan that incorporates the state mandated Water Shortage Contingency Plan;
- Continuing to evaluate use of recycled water to further reduce demand on Mokelumne River and East Bay water supplies and updating the Recycled Water Strategic Plan;
- Participating in State Water Resources Control Board hearings on the Water Quality Control Plan and development of the associated Voluntary Agreements, and review of the state's Delta Conveyance Project; and
- Continuing to work collaboratively with other departments to incorporate Climate Change adaptation and mitigation strategies into key District planning efforts and initiatives.

Department Budget Summary

The department's projected spending is compared to prior years in the table below.

Water Resources Department Operating Budget Detail

Department Operating Budget Detail and Historical Comparison (\$ Thousands)

Category	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Actuals	Budget	Budget	% Change	Budget	% Change
Total Labor and Benefits	9,363	9,497	9,340	10,016	7.2%	10,118	1.0%
<i>Less: Capital Labor and Benefits</i>	2,252	1,837	1,890	1,836	-2.9%	1,858	1.2%
Operating Labor and Benefits	7,111	7,660	7,449	8,179	9.8%	8,260	1.0%
Contract Services	32	125	365	270	-26.0%	190	-29.6%
Other Costs	2,263	2,122	2,209	3,300	49.4%	3,389	2.7%
Operating Total	9,405	9,907	10,023	11,750	17.2%	11,840	0.8%

Budget Highlights

The department's operating budget in FY 2024 is increasing \$1.7 million, or 17.2 percent, compared to FY 2023. In FY 2025, the budget will increase \$0.1 million, or 0.8 percent, compared to the first year of the biennial budget. Significant changes include:

FY 2024

The major driver of contract cost decreases are the completion of projects and a FERC requirement that was budgeted in 2023 that only needs to be met every five years. The major driver of increases are costs of fees to outside agencies such as DERWA. Additionally, salary and benefit costs will increase due to inflation-linked wage increases negotiated with labor groups, as well as one additional pay period in the fiscal year compared to most other fiscal years.

FY 2025

Total labor and benefit costs will grow slightly in FY 2025 due to expectations for inflation-linked wage increases, offset in part by a decrease in costs due to a standard number of pay periods in the fiscal year. Department costs are expected to remain relatively stable compared to FY 2024 as costs of fees to outside agencies such as DERWA increases are offset by a decrease in contract services as a result of completion of Water Resources contracts.

Staffing Summary

The table below summarizes the staffing changes and transfers that have occurred among departments. In FY 2024, there is a reduction of three FTEs. One full-time position is being transferred from Water Supply Improvements to the Fisheries and Wildlife Lodi Office in the Natural Resources Department. Additionally, two Limited-Term (L/T) positions will be transferred to the Office of Diversity, Equity and Culture in the Office of the General Manager in order to support a coordinated internship and workforce development program.

Water Resources Department Staffing Summary

Department Staffing Summary and Comparison (FTE)

Position Type	FY 2021	FY 2022	FY 2023	FY 2024	Change	FY 2025	Change
Full-Time	36.00	36.00	36.00	35.00	(1.00)	35.00	-
Limited-Term / Temp. Const.	1.00	2.00	2.00	-	(2.00)	-	-
Intermittent	-	-	-	-	-	-	-
Temporary / Part-Time	0.50	-	-	-	-	-	-
Total FTE	37.50	38.00	38.00	35.00	(3.00)	35.00	-

Staffing

Appointment Types

The majority of the workforce is comprised of full-time civil service or full-time civil service exempt positions. Limited-term positions are intended to augment regular staff to accomplish extra work or other operational programs or activities of a limited duration, with appointments for a maximum of four years. Temporary construction positions are also of a limited and specified duration typically associated with capital projects. Intermittent positions represent the smallest number of appointment types and typically work 32 hours instead of 40 hours per week. Part-time positions are typically restricted to 832 hours per year. Temporary positions are limited to a six-month duration and are full-time during that duration.

DEPARTMENT STAFFING SUMMARY

The table below provides the full-time equivalent (FTE) by department and compares the changes from year-to-year. Depending upon the appointment type, the FTE value will be different.

- Full-time, limited-term and temporary construction appointment types equal 1.0 FTE;
- Intermittent appointment types equal 0.75 FTE; and
- Part-time and temporary appointment types equal 0.5 FTE.

Water System Department Staffing Summary

FY 2024 & FY 2025 Department Staffing (FTE)					
Department	FY 2023	FY 2024		FY 2025	
	Budget	Budget	FTE Change	Budget	FTE Change
Administration	1.00	1.00	-	1.00	-
Customer & Community Services	138.50	139.50	1.00	139.50	-
Engineering & Construction	288.00	293.00	5.00	294.00	1.00
Drought	15.00	15.00	-	15.00	-
Finance	99.50	99.50	-	99.50	-
Human Resources	42.50	46.50	4.00	46.50	-
Information Systems	94.00	96.00	2.00	96.00	-
Maintenance & Construction	611.50	630.50	19.00	630.50	-
Natural Resources	66.50	67.50	1.00	67.50	-
Office of the General Counsel	16.50	16.50	-	16.50	-
Office of the General Manager	56.00	80.50	24.50	80.50	-
Operations & Maintenance Support	55.00	56.00	1.00	56.00	-
Water Operations	339.75	341.25	1.50	341.25	-
Water Recycling Program	8.00	8.00	-	8.00	-
Water Resources	38.00	35.00	(3.00)	35.00	-
Total FTE	1,869.75	1,925.75	56.00	1,926.75	1.00

In FY 2024, a net total of 56.0 FTEs are being added to the Water System. In FY 2025, one full-time FTE will be added in the Engineering & Construction Department. For a more detail description of the staffing changes, please see the specific department sections in this chapter.

BARGAINING UNIT CHANGES

Tables below show the net change in bargaining unit status of authorized FTEs represented by different unions, management/confidential, non-represented groups, and civil service exempt positions. The tables reflect Board of Directors authorized additions and deletions in FY 2024 and FY 2025 and correspond to the staffing changes table in each department.

FY 2024 vs FY 2023 Water System Department Changes in Bargaining Units

FY 2024 vs FY 2023 Department Net Change in Bargaining Unit Status (FTE)							
Department	Local 2019	Local 444	Local 21	Local 39	MGR / CONF	NRP	EXMPT
Administration	-	-	-	-	-	-	-
Customer & Community Services	1.00	-	-	-	-	-	-
Engineering & Construction	3.00	-	1.00	-	1.00	-	-
Drought	-	-	-	-	-	-	-
Finance	-	-	(1.00)	-	1.00	-	-
Human Resources	-	-	1.00	-	3.00	-	-
Information Systems	-	-	2.00	-	-	-	-
Maintenance & Construction	-	23.00	1.00	-	-	(5.00)	-
Natural Resources	1.00	-	-	-	-	-	-
Office of the General Counsel	-	-	-	-	-	-	-
Office of the General Manager	16.50	-	2.00	-	1.00	5.00	-
Operations & Maintenance Support	1.00	-	-	-	-	-	-
Water Operations	1.50	1.00	1.00	-	-	(2.00)	-
Water Recycling Program	-	-	-	-	-	-	-
Water Resources	(3.00)	-	-	-	-	-	-
Total FTE	21.00	24.00	7.00	-	6.00	(2.00)	-

FY 2025 vs FY 2024 Water System Department Changes in Bargaining Units

FY 2025 vs FY 2024 Department Net Change in Bargaining Unit Status (FTE)							
Department	Local 2019	Local 444	Local 21	Local 39	MGR / CONF	NRP	EXMPT
Administration	-	-	-	-	-	-	-
Customer & Community Services	-	-	-	-	-	-	-
Engineering & Construction	1.00	-	-	-	-	-	-
Drought	-	-	-	-	-	-	-
Finance	-	-	-	-	-	-	-
Human Resources	-	-	-	-	-	-	-
Information Systems	-	-	-	-	-	-	-
Maintenance & Construction	-	-	-	-	-	-	-
Natural Resources	-	-	-	-	-	-	-
Office of the General Counsel	-	-	-	-	-	-	-
Office of the General Manager	-	-	-	-	-	-	-
Operations & Maintenance Support	-	-	-	-	-	-	-
Water Operations	-	-	-	-	-	-	-
Water Recycling Program	-	-	-	-	-	-	-
Water Resources	-	-	-	-	-	-	-
Total FTE	1.00	-	-	-	-	-	-

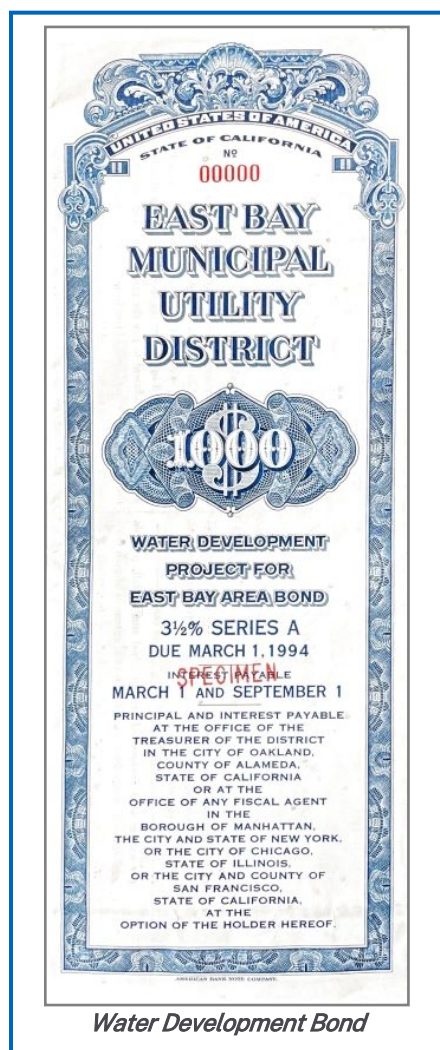
Debt Service and Financing

OVERVIEW

This section describes the Water System's current and projected debt obligations, current credit ratings, and adherence to the District's debt financing policies.

The District incurs debt to finance capital projects or purchase, repair or replace assets which will have useful lives equal to or greater than the related debt. Issuance of revenue supported debt is authorized by the Board of Directors, subject to a referendum process. Individual revenue bond issues are authorized by the Board of Directors.

The annual debt service principal and interest payments are charged to the operating budget. However, debt is only issued to finance capital investment activities.



OUTSTANDING DEBT

The Water System's total outstanding debt is projected to be \$2.61 billion as of June 30, 2023. This figure incorporates an anticipated partial pay down of Water System commercial paper (CP) in FY 2023. The District's debt issues are summarized on the following page and discussed in detail thereafter.

Water System Debt Outstanding

Debt Outstanding Projected as of June 30, 2023				
Issue	Date of Issue	Last Maturity	Issued (\$ Thousands)	Outstanding (\$ Thousands)
Long-Term Debt				
Revenue Bonds				
Series 2010B (Build America Bonds)	2/23/2010	6/1/2040	400,000	400,000
Series 2014A	6/11/2014	6/1/2035	128,315	128,315
Series 2014B	6/11/2014	6/1/2030	242,730	153,665
Series 2014C	6/26/2014	6/1/2044	75,000	75,000
Series 2015A	3/3/2015	6/1/2037	429,360	410,845
Series 2015B	6/17/2015	6/1/2045	74,335	72,010
Series 2015C	6/17/2015	6/1/2045	110,715	110,715
Series 2017A	6/22/2017	6/1/2045	185,355	185,355
Series 2017B	6/22/2017	6/1/2037	309,665	296,160
Series 2019A	6/27/2019	6/1/2049	161,820	151,475
Series 2022A	6/21/2022	6/1/2052	133,950	133,950
Series 2022B-1	6/21/2022	6/1/2037	72,105	71,915
Series 2022B-2	6/21/2022	6/1/2034	103,850	101,580
Total Revenue Bonds			2,427,200	2,290,985
% of Total Outstanding Debt				87.9%
Loans				
State Loan (parity)	5/22/2008	4/1/2028	20,100	5,872
State Loan (parity)	12/14/2017	7/1/2048	13,998	12,738
State Loan (parity)	4/18/2018	7/1/2049	12,045	11,007
Total Loans			46,143	29,617
% of Total Outstanding Debt				1.1%
Total Long-Term Debt			2,473,343	2,320,602
Short-Term Debt				
Commercial Paper				
Commercial Paper	Various	Various	N/A	285,000
Total Commercial Paper			-	285,000
% of Total Outstanding Debt				10.9%
Total Short-Term Debt				285,000
Total Outstanding Debt				2,605,602

The District plans to issue \$275 million in revenue bonds in FY 2024, which generates \$269.5 million in proceeds after assumed costs of issuance. In FY 2025, the District plans to issue \$275 million in revenue bonds, which generates \$269.5 million in proceeds after assumed costs of issuance.

DEBT SERVICE

The Water System's total outstanding debt of \$2.61 billion as of June 30, 2023 is projected to cost \$1.46 billion in interest as shown in the table below. The principal includes the planned annual pay down of CP. However, CP has no final maturity and the CP principal pay down schedule could differ. Interest on CP is assumed to be 4.0 percent in FY 2024 and FY 2025 and will decline to 3.0 percent starting in FY 2026.

Water System Projected Debt Service on Current Debt

Projected Debt Service on Current Outstanding Debt (\$ Thousands)			
Fiscal Year	Principal	Interest	Debt Service
2024	91,254	127,593	218,847
2025	95,184	123,267	218,451
2026	99,314	116,085	215,399
2027	103,715	111,383	215,098
2028	108,297	106,504	214,801
2029	113,150	101,347	214,497
2030	118,253	95,945	214,199
2031	123,642	90,259	213,902
2032	129,296	84,305	213,601
2033	135,231	78,067	213,298
2034	141,185	71,812	212,998
2035	147,395	65,302	212,698
2036	154,145	58,255	212,401
2037	161,516	50,582	212,098
2038	169,481	42,319	211,801
2039	167,767	33,133	200,901
2040	84,243	23,866	108,109
2041	68,475	19,677	88,152
2042	71,257	16,595	87,852
2043	74,179	13,380	87,559
2044	77,156	10,103	87,259
2045	59,119	6,687	65,805
2046	20,427	4,181	24,607
2047	20,915	3,395	24,309
2048	21,428	2,585	24,013
2049	21,650	1,748	23,398
2050	11,102	892	11,994
2051	10,890	546	11,436
2052	5,935	199	6,134
Total	2,605,602	1,460,013	4,065,615

The debt service in the table is less than the budgeted debt service because the latter includes:

- Payments on new debt issues in FY 2024 and FY 2025; and
- Costs for liquidity fees, remarketing fees, and debt service administration.

DEBT RATINGS

Credit risk is the risk that the issuer of a financial obligation, such as a revenue bond, will not fulfill its payment obligations to the holder of the investment. Credit ratings are assigned to bonds by Nationally Recognized Statistical Credit Rating Organizations based on published methodologies. The ratings reflect the organizations’ opinions about the issuer’s ability and willingness to meet its financial obligations on time and in full.

The Water System’s strong credit ratings provide tangible benefits to ratepayers in the form of reduced debt service costs. A strong credit rating provides better access to capital markets, lower interest rates, better terms on debt, and access to a greater variety of debt products. Prudent financial management policies have contributed to the Water System’s strong ratings.

Water System Debt Ratings

Water System Debt Ratings			
As of January 1, 2023			
Debt by Type	S&P	Moody's	Fitch
Fixed Rate Revenue Bonds	AAA	Aaa	AA+
Commercial Paper	A-1+	P-1	F1+

Definitions of the District’s fixed rate and long-term debt ratings are shown below.

S&P

An obligation rated 'AAA' has the highest rating assigned by S&P Global Ratings. The obligor's capacity to meet its financial commitments on the obligation is extremely strong.

Moody’s

Obligations rated ‘Aaa’ by Moody’s are judged to be of the highest quality, with minimal risk.

Fitch

The ‘AA’ rating by Fitch denotes expectations of very low default risk. The rating indicates very strong capacity for payment of financial commitments. This capacity is not significantly vulnerable to foreseeable events. The modifiers "+" or "-" may be appended to a rating to denote relative status within major rating categories.

DEBT MANAGEMENT POLICY

The District is subject to legal debt limits prescribed in the Municipal Utility District (MUD) Act which describes three types of legal limitations: general debt limits, revenue bond limits, and short-term borrowing limits.

The District's general debt indebtedness cannot exceed the ordinary annual income and revenue of the District without a two-thirds approval of the voters. However, revenue bonds are not included in general debt limits.

The District is authorized to issue revenue bonds with the approval of a resolution from the Board of Directors, subject to a 60-day referendum period. The resolution specifies the maximum principal amount of bonds that may be issued pursuant to the authorization. The Board of Directors also approves individual series of revenue bonds issued under the broader authorization.

The MUD Act authorizes the District to issue short-term indebtedness without an election of the voters. The amount of short-term borrowing cannot exceed the lesser of: 1) the annual average total revenue of the three preceding years; or, 2) 25 percent of the District's total outstanding bonds. This provision is substantially the same as the District's internal policy discussed below.

The District has also established its own policy regarding debt management (Policy 4.27 – Debt Management). The purpose of the debt policy is to maintain a balance between current funding sources and debt financing over each five-year plan horizon to retain financing flexibility and achieve the lowest cost of financing.

The District's debt management policy is to:

- Maintain an annual revenue bond debt service coverage ratio of at least 1.60x;
- Limit debt-funded capital to no more than 65 percent of the total capital program over each five-year planning period; and
- Limit commercial paper / variable-rate debt to 25 percent of outstanding long-term debt.

DEBT SERVICE COVERAGE RATIO

The debt service coverage policy ensures that the District has sufficient annual operating revenues to pay its operating expenses and meet its debt service obligations on its revenue bonds and other parity debt. The revenue bond debt service coverage ratio is defined as the District's net operating revenue (current year's operating revenue less the current year's operating expenses) divided by the current year's debt service on all revenue bonds and other parity debt. Net revenues are reduced by any Rate Stabilization Fund deposits and increased by any withdrawals.

In FY 2024 and FY 2025, the projected debt coverage ratios are 1.94x and 2.06x, respectively.

DEBT-FUNDED CAPITAL

The percentage of the capital program that is funded by debt over the five-year planning period FY 2024 to FY 2028 is projected at 45.5 percent, which is below the financial policy maximum target of 65 percent. The debt percentage funding levels for FY 2024 and FY 2025 are shown in the table below.

Water System Debt Funded Capital

Projected Debt Funding of Capital (\$ Thousands)		
	FY 2024	FY 2025
Capital Expenses		
Capital Cash Flow	426,131	468,545
Capital Support	52,000	52,000
Total Capital Expenses	478,131	520,545
Funding Sources		
New Bond Proceeds	269,500	269,500
Other Sources	208,631	251,045
Total Sources	478,131	520,545
Debt Percentage of Capital Funding	56.4%	51.8%

COMMERCIAL PAPER AND VARIABLE RATE DEBT RATIO

The District has authorized a short-term CP borrowing program consistent with the MUD Act and the District's debt management policy. Under this program, the District may issue CP notes at prevailing interest rates for periods of not more than 270 days from the date of issuance. The program is supported by liquidity agreements. The Water System CP is subordinate to the Water System's revenue bonds.

As of June 30, 2023, \$285.0 million of Water System CP is projected to be outstanding after an anticipated partial pay down of principal in FY 2023. Water System CP comprises about 10.9 percent of the \$2.61 billion in total outstanding debt.

As of June 30, 2022, the Water System no longer had any outstanding long-term variable rate debt. Between FY 2014 and FY 2022, the District converted all of its variable rate revenue bonds into fixed rate debt by terminating existing interest rate swap contracts and replacing the underlying variable rate bonds with fixed rate bonds.

Capital Improvement Program

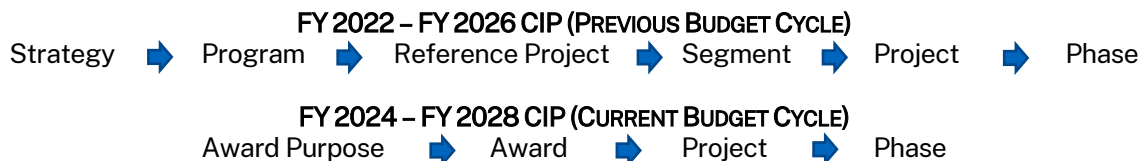
OVERVIEW

CIP Structure

The Capital Improvement Program (CIP), an iterative process that involves the Office of Budget and Performance, project managers and Senior Management staff, communicates the District’s planned infrastructure investments for the next five years by identifying and prioritizing capital needs. Developed biennially and incorporated into the District-wide budget, the CIP is the District’s opportunity to address new and ongoing capital needs.

For the FY 2024 and FY 2025 budget, the District restructured the organization of the CIP. The following flow charts and table illustrate the changes to the structure of the District’s capital work.

Capital Improvement Program Organization Flowchart (from highest level to lowest level)



Under this new structure, the top organizing feature are considered the Award Purposes, which are a group of related Awards, combined to facilitate planning, reporting and decision-making. The 18 Water System Award Purposes are listed below.

Water System CIP Award Purposes

CIP Award Purposes
Water
District-Wide Building Facility Improvements
Environmental Resources & Remediation
New Business Infrastructure
Pipelines - Distribution System
Pipelines - Transmission
Pressure Zone Studies
Process & System-Wide Improvements
Raw Water System
Recreation Areas & Facilities
Regulators & Rate Control Stations
Reservoirs - Distribution
Reservoirs - Supply
Supplemental Supply & Regional Agreements
Sustainable Energy
Vehicles, Equipment & Related Facilities
Water Recycling & Conservation
Water Treatment
Contingency

APPROPRIATION AND CASH FLOW OVERVIEW

There are two ways that the District considers the financial planning for the CIP: appropriations and cash flows.

- Capital appropriations are funds approved biennially by the Board to be spent on capital projects. While appropriations are approved biennially, their use may extend over multiple years. Appropriations are controlled at the Award level and vary from year-to-year depending upon the funding needs of the projected work and existing appropriations at the end of the prior year.
- Capital cash flows are a projection of the annual costs of each project over the planning horizon, on a year-by-year basis. Cash flows have typically been reported in the budget for five years, but in the current planning cycle, the District began more seriously considering the full ten-year cash-flow projection in order to better understand long-term project needs. Staff will continue to work to broaden the planning and reporting horizon to increase transparency of long-term infrastructure needs.

Each of these two concepts will be discussed in further detail throughout this section.

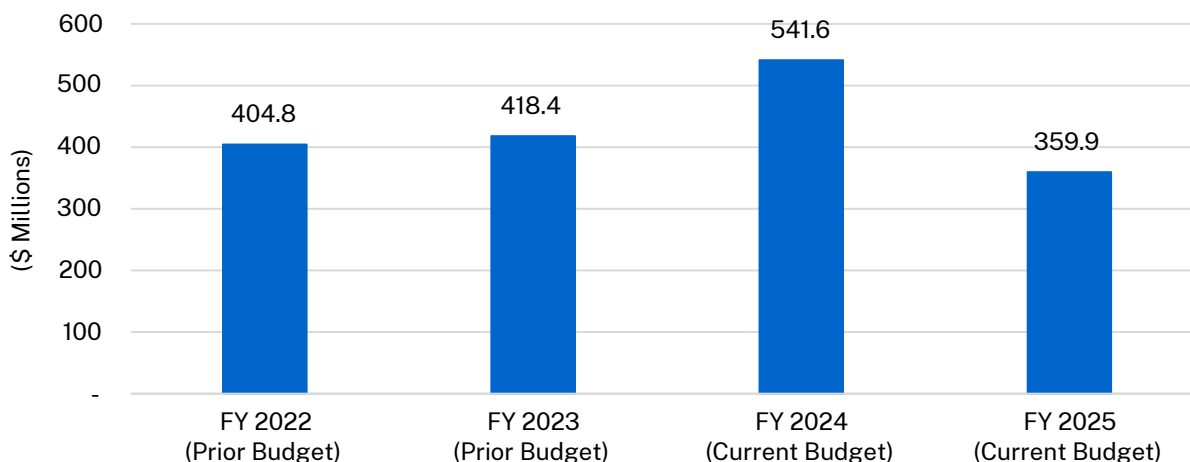
APPROPRIATIONS

Overview

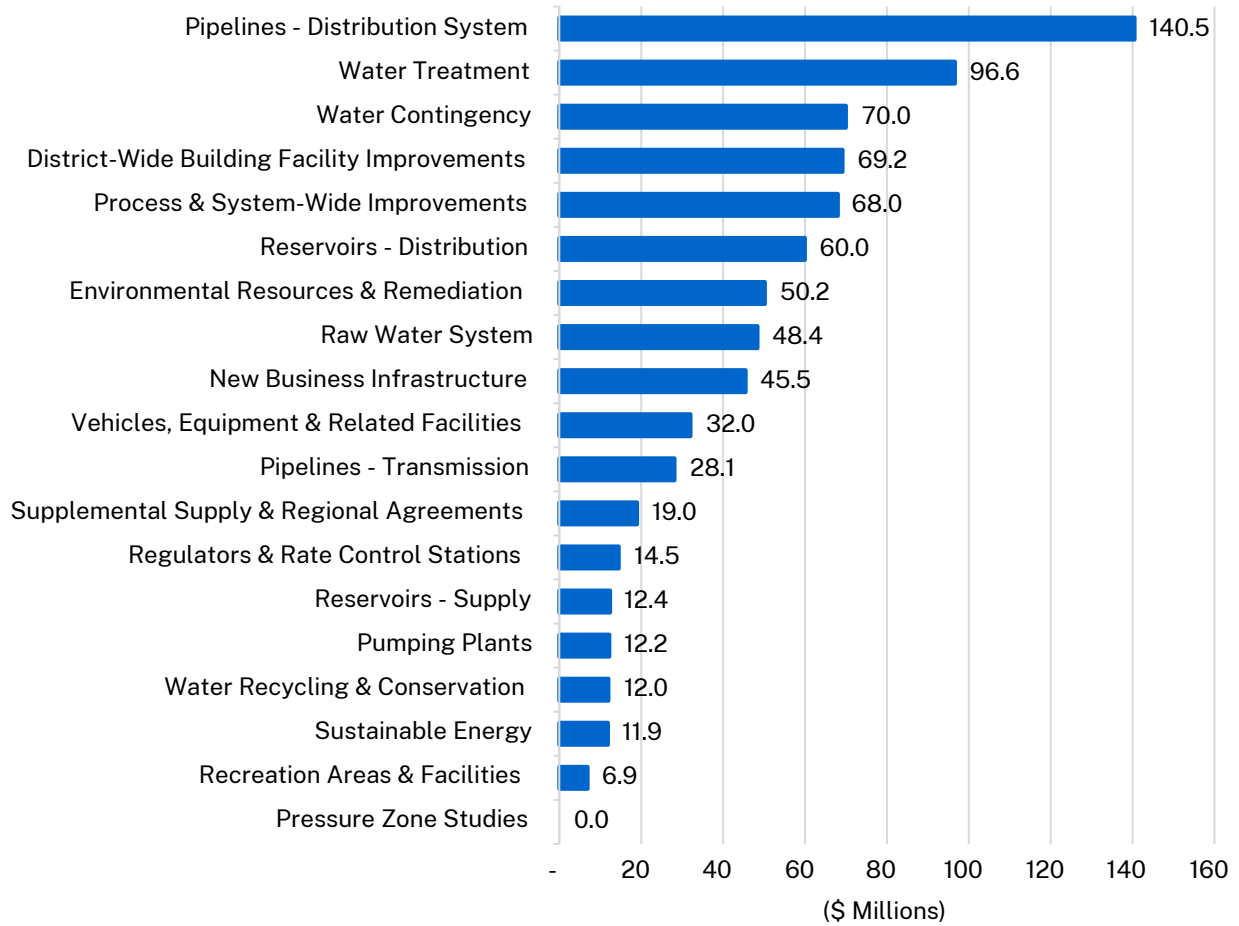
Supported by robust capital cash flow spending projections, adequate appropriations are necessary to complete the initiatives outlined in the CIP. Since appropriations are often spent over multiple years, the amounts appropriated for each fiscal year will vary depending upon project scope and timing, and any unspent appropriation a project may already have.

The Water System’s FY 2024 capital appropriation will increase by \$123.2 million or 29.5 percent from FY 2023. In FY 2025, the appropriation decreases by 33.5 percent from FY 2024. The first year’s increase aligns with the CIP’s increasing size and scope and is particularly high due to several notable multi-year contracts that will be advertised for bid in FY 2024, while the work will be completed in FY 2025 and later. Appropriations for multi-year contracts are typically appropriated in the first year of the contract, to ensure funds are available when contracts are awarded. While the FY 2025 appropriations decrease, important work continues in the second year. Appropriations are summarized in the below two charts.

Water System Appropriations Current Budget Compared to Prior Budget (by Fiscal Year)



Water System FY 2024 & FY 2025 Appropriations by Award Purpose



Appropriations shown by Award Purpose excludes Capital Support as it is not for a specific Award Purpose and instead is part of all Award Purposes.

CASH FLOW

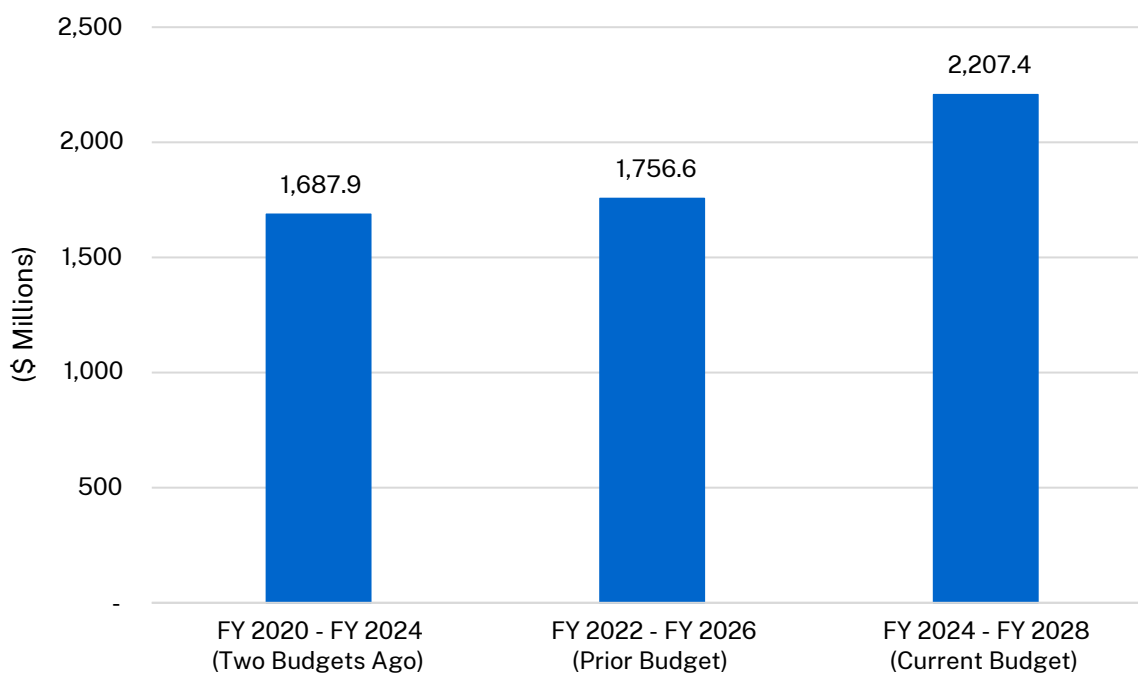
Overview

The FY 2024 – FY 2028 CIP is supported by capital cash flows that incorporate the following changes from previous CIP development processes:

- Cash flows are reported in the budget for five years, but this year there was an increased focus on the full 10-year projection of expenses. Forecasting out-years allows management and project managers to anticipate the funding needs for critical infrastructure initiatives. This is especially true as some key capital work will not be completed in the five-year horizon, so a longer-term scenario allows greater insight into needs. The longer-term outlook for rate increases also becomes clearer by extending the projection window.
- Multiple scenarios, with varied cash flow projections and associated rate increases, were developed to represent a projection of the annual costs of the CIP for long-term projects. This allowed for experimentation in the development phase with different approaches to completing a vast amount of critical infrastructure improvements. In most cases projects were deferred for the proposed CIP, as opposed to changed in their scope or canceled.

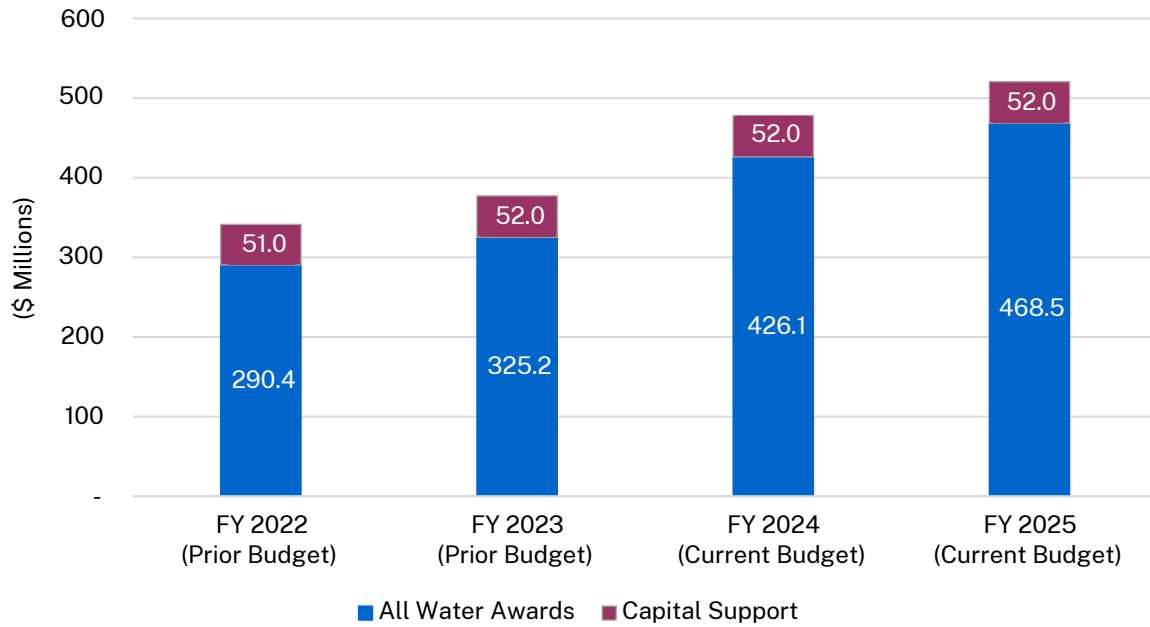
The FY 2024 – FY 2028 CIP is \$450.8 million, or 25.7 percent, larger than the previous five-year CIP, excluding Capital Support. This change is driven by the combination of increasing investments to replace and rehabilitate aging infrastructure, working towards meeting Board-set priorities, and increased labor and construction costs. Capital Support, the indirect costs associated with capital work, is in line with the previous CIP, staying the same at \$52 million for both FY 2024 and FY 2025.

Water System Cash Flows Comparison by Budget Cycle / CIP (Excluding Capital Support)



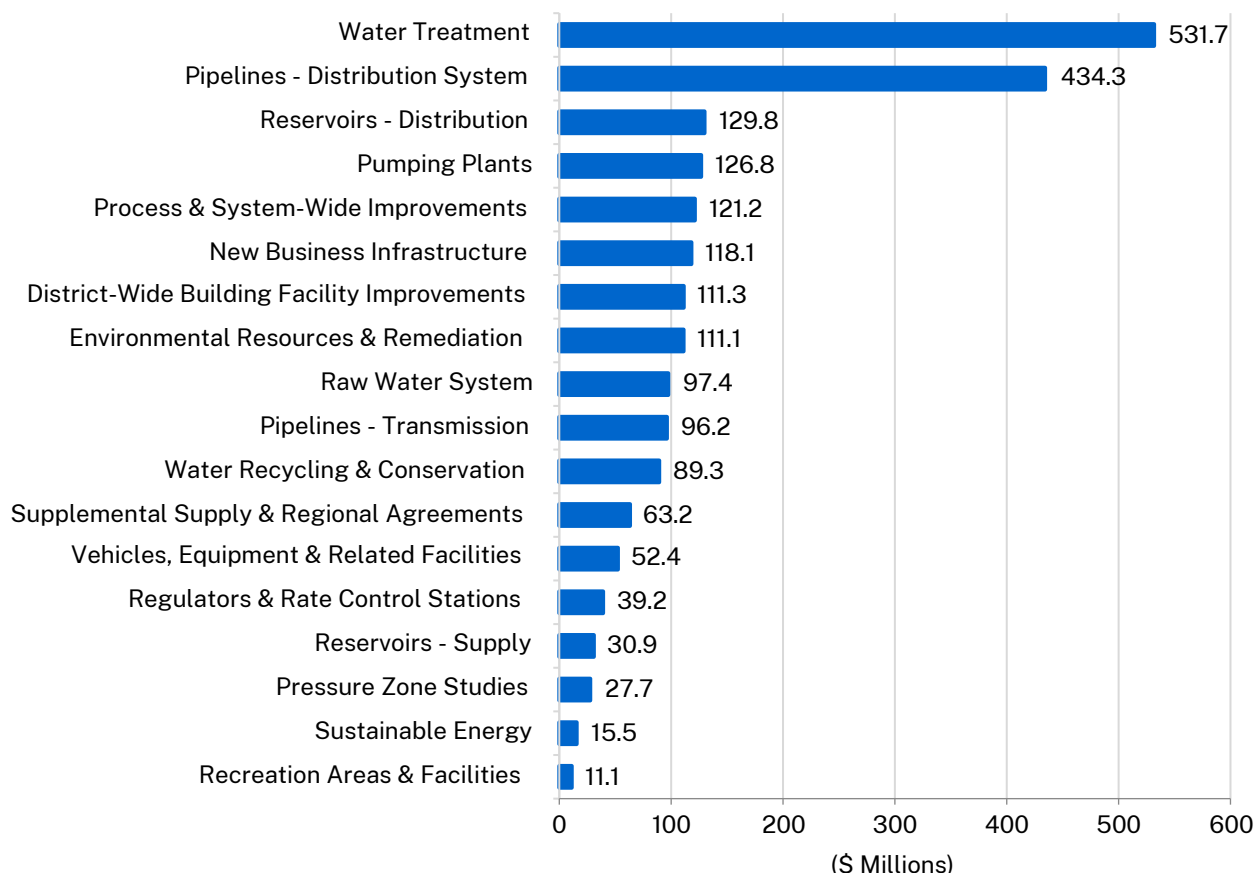
The four-year summary of capital cash flows highlights a 26.8 percent increase from FY 2023 planned cash flows to FY 2024, and an additional 8.9 percent increase from FY 2024 to FY 2025.

Water System Cash Flows Four-Year Summary



The next table showcases the current CIP by award purpose, highlighting the increasing investment contained in this CIP. Water Treatment plant work represents 24 percent of the total planned capital expenses over the five-year CIP, followed by Distribution System Pipelines at 20 percent, which includes Pipeline Rebuild.

Water System FY 2024 – FY 2028 Cash Flows by Award Purpose



Appropriations shown by Award Purpose excludes Capital Support as it is not for a specific Award Purpose and instead is part of all Award Purposes.

CAPITAL LABOR

The capital labor component of the Water System’s CIP totals \$111.2 million in FY 2024, an increase of \$10.6 million or 10.5 percent from FY 2023. This is due to an increase in the number of employees, many of whom will be working on the growing CIP. Additionally, salary and benefit costs will increase due to inflation-linked wage increases negotiated with labor groups, as well as one additional pay period in the fiscal year compared to most other fiscal years.

In the second year of the biennial budget, FY 2025, capital labor is projected to increase to \$113.2 million, for an increase of \$2.0 million or 1.8 percent over FY 2024 due to expectations for inflation-linked wage increases negotiated with labor groups, offset in part by a decrease in costs due to a standard number of pay periods in the fiscal year.

The following table shows the capital labor and benefits budget by department. Note that the Finance Department’s capital labor budget is decreasing due to the end of the financial system replacement

project. The Human Resources Department’s capital labor budget is increasing to match actual experience as a portion of the department’s staff time is devoted to the ongoing human resources software replacement projects.

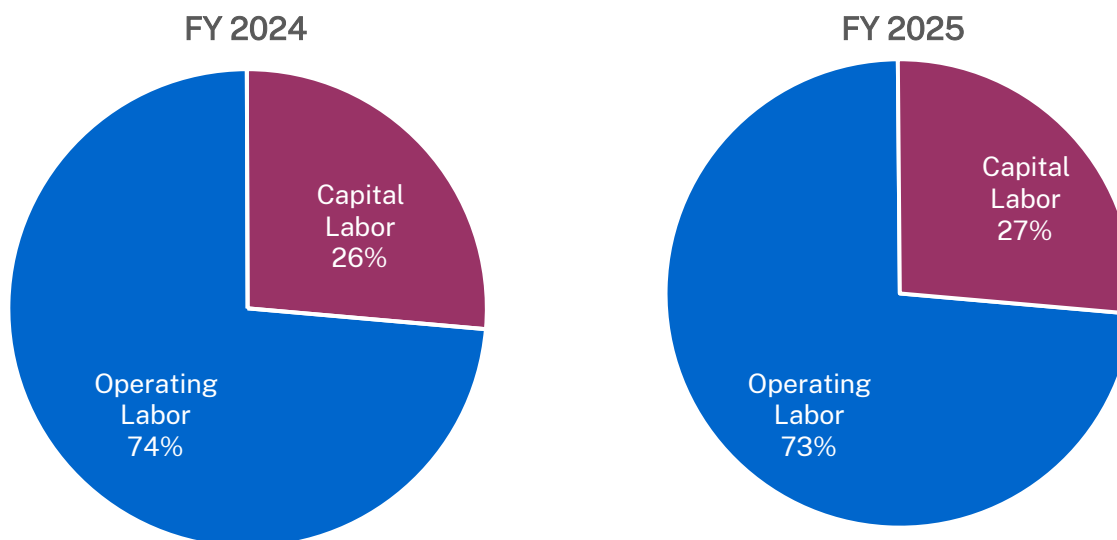
Water System Capital Labor Budget by Department

Capital Labor by Department (\$ Thousands)						
	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Budget	Budget	% Change	Budget	% Change
Administration	-	-	-	0.0%	-	0.0%
Customer & Community Services	610	438	634	44.6%	642	1.3%
Drought*	-	-	-	0.0%	-	0.0%
Engineering & Construction	42,920	43,271	49,464	14.3%	50,220	1.5%
Finance	1,945	1,755	363	-79.3%	355	-2.4%
Human Resources	781	182	621	240.5%	638	2.7%
Information Systems	588	-	-	0.0%	-	0.0%
Maintenance & Construction	42,450	47,487	52,323	10.2%	53,435	2.1%
Natural Resources	79	72	84	16.5%	85	0.3%
Office of the General Counsel	-	-	-	0.0%	-	0.0%
Office of the General Manager	4	-	-	0.0%	-	0.0%
Operations & Maintenance Support	890	618	598	-3.2%	604	1.0%
Water Operations	4,851	4,839	5,264	8.8%	5,337	1.4%
Water Recycling	0	57	-	-100.0%	19	0.0%
Water Resources	1,837	1,890	1,836	-2.9%	1,858	1.2%
Total Departments	96,954	100,611	111,188	10.5%	113,193	1.8%

*Drought Department is only budgeted during declared droughts, and only under Board direction.

Relative to operating labor, capital labor represents 26.4 percent of the FY 2024 total labor budget, and 26.5 percent of the FY 2025 total labor budget. The following pie charts show the relative size of the capital and operating labor budgets.

Water System Operating and Capital Labor Split



CASH FLOWS AND APPROPRIATIONS BY AWARD PURPOSE

The following section outlines the CIP's capital cash flows and appropriations by award purpose and award. Select projects are discussed in detail to provide a sense of the work that is projected to take place in the following years.

District-Wide Building Facility Improvements

This CIP will witness the completion of several facility renovations, including the Mokelumne and Orinda Watershed headquarters, and ongoing and new improvements to the Administrative Building (AB) and Adeline Maintenance Complex (AMC), which house the majority of the District's offices and employees. Enhancements include roofing, mechanicals and technology, as well as workspace and parking reconfigurations.

District-Wide Building Facility Improvements - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Arc Flash, Mitigate, Proj. Mgn	Cash Flow	600	120	120	120	120	120
Arc Flash, Mitigate, Proj. Mgn	Approp.	300	150	150			
Building Facilities Improve	Cash Flow	70,750	6,130	22,098	22,327	10,805	9,390
Building Facilities Improve	Approp.	50,096	38,833	11,263			
Facilities Cathodic Protection	Cash Flow	1,947	65	434	447	71	930
Facilities Cathodic Protection	Approp.	980	-	980			
Facility Paving	Cash Flow	13,680	2,904	2,408	3,064	2,256	3,048
Facility Paving	Approp.	6,640	3,630	3,010			
Minor Facilities Work	Cash Flow	8,419	2,817	1,131	1,198	1,397	1,877
Minor Facilities Work	Approp.	4,963	3,550	1,413			
Mok Watershed HQ - Phase 2	Cash Flow	2,317	280	2,037	-	-	-
Mok Watershed HQ - Phase 2	Approp.	-	-	-			
Mokelumne Watershed Headqtrs	Cash Flow	68	20	48	-	-	-
Mokelumne Watershed Headqtrs	Approp.	-	-	-			
Orinda Watershed HQ	Cash Flow	220	80	140	-	-	-
Orinda Watershed HQ	Approp.	200	100	100			
Small Capital Improvements	Cash Flow	13,257	2,485	2,566	2,648	2,734	2,824
Small Capital Improvements	Approp.	6,000	2,900	3,100			
Total	Cash Flow	111,258	14,901	30,982	29,804	17,383	18,188
Total	Approp.	69,179	49,163	20,016			

Environmental Resources & Remediation

This award purpose focuses on maintaining the District’s watershed locations – the backbone of the high-quality water system. The work is focused on implementing wastewater treatment for the communities adjacent to Pardee (Upcountry) Reservoir, caring for the Mokelumne River Hatchery, and restoring mining locations.

Environmental Resources & Remediation - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
East Bay Watershed Mgmt	Cash Flow	5,768	1,248	1,168	1,088	1,008	1,256
East Bay Watershed Mgmt	Approp.	-	-	-			
Mine Restorations	Cash Flow	314	58	58	64	64	70
Mine Restorations	Approp.	146	73	73			
Moke River Hatchery	Cash Flow	3,568	1,040	1,320	64	264	880
Moke River Hatchery	Approp.	2,500	1,000	1,500			
Mokelumne Watershed Mgmt	Cash Flow	924	172	152	292	136	172
Mokelumne Watershed Mgmt	Approp.	-	-	-			
River and Watershed	Cash Flow	2,360	538	594	640	396	192
River and Watershed	Approp.	1,500	750	750			
Trench Soils Management	Cash Flow	60,215	16,515	7,604	18,476	5,562	12,058
Trench Soils Management	Approp.	30,159	20,644	9,515			
Upcountry WW Trmt Imprvmts	Cash Flow	37,960	800	10,320	14,800	9,240	2,800
Upcountry WW Trmt Imprvmts	Approp.	15,900	2,700	13,200			
Total	Cash Flow	111,110	20,372	21,216	35,424	16,670	17,427
Total	Approp.	50,205	25,167	25,038			

New Business Infrastructure

New Business continues to be prioritized, as new customers represent opportunities to capture additional revenue as well as upgrade customer-specific infrastructure, such as mains, laterals, meters, and hydrants. The awards below support the District’s ability to support larger populations in the future.

New Business Infrastructure - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Hydrants Installed by DF	Cash Flow	8,750	1,648	1,698	1,748	1,801	1,855
Hydrants Installed by DF	Approp.	2,246	124	2,122			
New Service Installations	Cash Flow	65,622	12,360	12,731	13,113	13,506	13,911
New Service Installations	Approp.	26,664	10,750	15,914			
Pipeline System Extensions	Cash Flow	43,748	8,240	8,487	8,742	9,005	9,274
Pipeline System Extensions	Approp.	16,603	5,994	10,609			
Total	Cash Flow	118,119	22,248	22,916	23,603	24,312	25,040
Total	Approp.	45,513	16,868	28,645			

Pipelines – Distribution

One of the District’s flagship endeavors, Pipeline Rebuild, already replaces more than 20 miles of pipeline annually and could replace 30 miles of pipeline annually by FY 2028. Other awards in Pipelines – Distribution also work to improve the distribution system’s pipelines, a critical part of the District’s operations.

Pipelines – Distribution - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Annual Appurtenance Work	Cash Flow	6,123	1,142	1,182	1,223	1,266	1,310
Annual Appurtenance Work	Approp.	2,800	1,400	1,400			
Distr Sys Cathodic Protection	Cash Flow	11,864	2,638	1,678	2,798	1,780	2,970
Distr Sys Cathodic Protection	Approp.	-	-	-			
Pipeline Rebuild	Cash Flow	323,470	53,931	61,002	63,454	71,143	73,939
Pipeline Rebuild	Approp.	113,279	37,027	76,252			
Pipeline Relocations	Cash Flow	19,598	3,692	3,801	3,916	4,034	4,154
Pipeline Relocations	Approp.	5,240	489	4,751			
Pipeline System Improvements	Cash Flow	18,966	3,090	3,316	3,421	5,660	3,478
Pipeline System Improvements	Approp.	-	-	-			
Service Lateral Replacements	Cash Flow	54,272	9,888	10,609	10,927	11,255	11,593
Service Lateral Replacements	Approp.	19,174	5,913	13,261			
Total	Cash Flow	434,292	74,382	81,586	85,740	95,139	97,445
Total	Approp.	140,492	44,828	95,664			

Pipelines – Transmission

Sibling to its distribution counterpart, Pipelines – Transmission includes only three awards, but is critical to the system’s functioning. This award purpose is driven by improvements to the large diameter pipelines that comprise the backbone of the system, in addition to two cathodic protection projects.

Pipelines – Transmission - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Aqueduct Cathodic Protection	Cash Flow	2,174	410	422	434	448	461
Aqueduct Cathodic Protection	Approp.	-	-	-			
Large Diameter Pipelines	Cash Flow	89,637	29,416	24,974	17,884	13,119	4,243
Large Diameter Pipelines	Approp.	28,140	27,984	156			
Trans Main Cathodic Protection	Cash Flow	4,402	1,330	79	1,411	84	1,497
Trans Main Cathodic Protection	Approp.	-	-	-			
Total	Cash Flow	96,213	31,156	25,475	19,730	13,651	6,201
Total	Approp.	28,140	27,984	156			

Pressure Zone Studies

This award purpose includes studying individual pressure zones to provide data to aid in planning for water distribution system projects, such as upgrading or replacing reservoirs, pumping plants, or pipelines to optimize storage capacity and improve water quality. Additionally, the Delta Tunnel initiative seeks to envision a crucial artery of our system across a vast and unique habitat.

Pressure Zone Studies - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Delta Tunnel	Cash Flow	14,900	1,792	1,846	1,902	3,986	5,375
Delta Tunnel	Approp.	-	-	-	-	-	-
Distribution System Upgrades	Cash Flow	3,459	537	1,656	439	408	419
Distribution System Upgrades	Approp.	-	-	-	-	-	-
Miscellaneous Planning Studies	Cash Flow	2,034	289	59	262	450	974
Miscellaneous Planning Studies	Approp.	-	-	-	-	-	-
Pressure Zone Improvements	Cash Flow	3,729	1,680	853	470	364	362
Pressure Zone Improvements	Approp.	-	-	-	-	-	-
West of Hills Master Plan	Cash Flow	3,558	1,407	642	743	766	-
West of Hills Master Plan	Approp.	-	-	-	-	-	-
Total	Cash Flow	27,680	5,705	5,056	3,817	5,973	7,130
Total	Approp.	-	-	-	-	-	-



Old 1890-Style Fire Hydrant



Current Model-64 Fire Hydrants

Process & System-Wide Improvements

The following awards unearth areas for improvement and implement corrective maintenance programs, including technology, workplace and system enhancements, such as leak detection, meter upgrades, and security.

Process & System-Wide Improvements - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Data & Telecom Infrastructure	Cash Flow	600	200	200	200	-	-
Data & Telecom Infrastructure	Approp.	241	121	121			
Engineering IT	Cash Flow	11,174	2,841	2,087	2,009	2,080	2,157
Engineering IT	Approp.	6,258	3,649	2,609			
ERF Current DSS/Server/Network	Cash Flow	5,267	684	1,344	1,963	812	464
ERF Current DSS/Server/Network	Approp.	591	199	392			
ERF Current PCs/Desktop/Laptop	Cash Flow	716	28	216	148	176	148
ERF Current PCs/Desktop/Laptop	Approp.	305	35	270			
ERF Purchases for Copiers	Cash Flow	200	40	40	40	40	40
ERF Purchases for Copiers	Approp.	-	-	-			
ERF Smoothg DSS/Server/Network	Cash Flow	1,228	716	-	512	-	-
ERF Smoothg DSS/Server/Network	Approp.	272	272	-			
ERF Smoothg PCs/Desktop/Laptop	Cash Flow	2,376	2,376	-	-	-	-
ERF Smoothg PCs/Desktop/Laptop	Approp.	1,822	1,822	-			
HRIS Replacement	Cash Flow	9,600	800	800	4,000	4,000	-
HRIS Replacement	Approp.	4,000	2,000	2,000			
Op/Net Sys Improvements	Cash Flow	7,335	1,570	2,618	742	768	1,637
Op/Net Sys Improvements	Approp.	5,236	2,663	2,573			
Planned Meter Replacements	Cash Flow	25,713	5,667	5,667	4,751	4,751	4,876
Planned Meter Replacements	Approp.	14,168	7,084	7,084			
Security Improvements	Cash Flow	19,292	2,159	3,178	3,173	5,070	5,713
Security Improvements	Approp.	14,483	3,906	10,577			
Water Loss Control	Cash Flow	21,710	5,964	6,925	3,319	2,371	3,131
Water Loss Control	Approp.	16,109	7,455	8,654			
Work Mgmt Systems Replacement	Cash Flow	15,990	-	2,807	10,142	1,506	1,534
Work Mgmt Systems Replacement	Approp.	4,546	985	3,561			
Total	Cash Flow	121,201	23,046	25,882	30,999	21,574	19,699
Total	Approp.	68,031	30,191	37,840			

Pumping Plants

The Distribution Pumping Plant (PP) Infrastructure Rehabilitation Plan was updated in 2020 and identifies the highest priority pumping plants for rehabilitation, replacement, or demolition. There are 130 distribution pumping plants across the system and the CIP seeks to rehabilitate at least two pumping plants annually.

Pumping Plants - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Pumping Plant Rehabilitation	Cash Flow	126,820	29,219	30,223	18,886	21,301	27,190
Pumping Plant Rehabilitation	Approp.	12,222	7,014	5,208			
Total	Cash Flow	126,820	29,219	30,223	18,886	21,301	27,190
Total	Approp.	12,222	7,014	5,208			

Raw Water System

One of the District’s key objectives is to ensure a reliable, high-quality water supply for the future. This award purpose evaluates and makes improvements to the raw water aqueduct system, and includes replacing the deteriorated cement motor lining in the Mokelumne Aqueducts that protects the steel pipeline from internal corrosion.

Raw Water System - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Mok Aqueduct No 2 & 3 Relining	Cash Flow	48,554	10,094	17,840	14,744	5,236	640
Mok Aqueduct No 2 & 3 Relining	Approp.	41,871	41,871	-			
Mokelumne Aqueducts Recoating	Cash Flow	6,924	1,648	1,698	1,748	810	1,020
Mokelumne Aqueducts Recoating	Approp.	3,294	3,294	-			
Raw Water Infrastructure	Cash Flow	36,027	3,366	3,710	4,950	5,010	18,992
Raw Water Infrastructure	Approp.	-	-	-			
Raw Wtr Aqueduct Imprvmts	Cash Flow	5,923	1,189	1,436	1,214	971	1,113
Raw Wtr Aqueduct Imprvmts	Approp.	3,242	1,449	1,793			
Total	Cash Flow	97,428	16,298	24,683	22,656	12,027	21,765
Total	Approp.	48,407	46,614	1,793			

Recreation Areas & Facilities

Work under this award purpose focuses on making improvements to recreational facilities at Camanche, Pardee and East Bay Reservoirs, and the Mokelumne fish hatchery. The facilities require periodic replacements and upgrades to the roads, parking lots, fuel docks, launch ramps, docks, boat berths, stores, campgrounds, and restrooms.

Recreation Areas & Facilities - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Camanche Hills Hunting Preserv	Cash Flow	320	120	120	80	-	-
Camanche Hills Hunting Preserv	Approp.	300	150	150			
Camanche Rec Area Improvement	Cash Flow	800	400	400	-	-	-
Camanche Rec Area Improvement	Approp.	1,000	1,000	-			
Lafayette Rec Infrastructure	Cash Flow	2,080	1,240	440	320	40	40
Lafayette Rec Infrastructure	Approp.	1,000	1,000	-			
Mokelumne River Day Use Area	Cash Flow	460	-	-	120	180	160
Mokelumne River Day Use Area	Approp.	-	-	-			
Pardee Recreation Area	Cash Flow	1,360	-	200	280	880	-
Pardee Recreation Area	Approp.	-	-	-			
Rec Area Cap Maint & Imprvmt	Cash Flow	5,030	1,564	2,156	560	383	367
Rec Area Cap Maint & Imprvmt	Approp.	4,619	1,925	2,694			
San Pablo Rec Infrastructure	Cash Flow	1,076	796	20	220	20	20
San Pablo Rec Infrastructure	Approp.	-	-	-			
Total	Cash Flow	11,126	4,120	3,336	1,580	1,503	587
Total	Approp.	6,919	4,075	2,844			

Regulators & Rate Control Stations

The District’s assets include multiple rate control stations and regulators, and the following awards are dedicated to maintaining the locations on an ongoing basis.

Regulators & Rate Control Stations - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Rate Control Station Rehab	Cash Flow	25,603	3,873	8,546	1,609	8,329	3,246
Rate Control Station Rehab	Approp.	14,523	11,808	2,715			
Regulator Rehabilitation	Cash Flow	13,565	74	666	4,472	2,314	6,038
Regulator Rehabilitation	Approp.	-	-	-			
Total	Cash Flow	39,168	3,947	9,213	6,081	10,643	9,284
Total	Approp.	14,523	11,808	2,715			

Reservoirs – Distribution

This work includes the rehabilitation, replacement, and demolition of steel and concrete distribution reservoirs, along with open-cut reservoirs. In particular, the Reservoir Rehabilitation and Maintenance project extends the service lives of the steel and reinforced concrete distribution tanks by replacing coating systems, repairing or replacing roofs, and performing structural upgrades to improve water quality and enhance worker safety.

Reservoirs – Distribution - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Chloramine Boosting Stations	Cash Flow	2,320	960	760	600	-	-
Chloramine Boosting Stations	Approp.	2,150	1,200	950			
Distrib Sys Wtr Quality Imprv	Cash Flow	6,564	4,272	1,481	289	257	266
Distrib Sys Wtr Quality Imprv	Approp.	7,164	5,827	1,338			
Open-Cut Reservoir Program	Cash Flow	47,780	5,356	2,716	5,158	19,306	15,245
Open-Cut Reservoir Program	Approp.	48,621	45,244	3,377			
Reservoir Leak Repair	Cash Flow	440	120	80	80	80	80
Reservoir Leak Repair	Approp.	250	150	100			
Reservoir Mixing System	Cash Flow	200	40	40	40	40	40
Reservoir Mixing System	Approp.	60	30	30			
Reservoir Rehab/Maintenance	Cash Flow	72,534	20,328	18,358	14,104	7,100	12,644
Reservoir Rehab/Maintenance	Approp.	1,740	-	1,740			
Total	Cash Flow	129,838	31,076	23,434	20,270	26,782	28,274
Total	Approp.	59,985	52,450	7,534			

Reservoirs – Supply

In conjunction with Reservoirs – Distribution, multiple dams and monitoring systems are scheduled to be upgraded in the next CIP, contributing to safeguarding the supply in the District’s reservoirs.

Reservoirs – Supply - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Dam Operational Upgrades	Cash Flow	9,972	2,497	2,781	929	2,838	928
Dam Operational Upgrades	Approp.	5,518	5,359	159			
Dam Seismic Upgrades	Cash Flow	1,741	496	44	68	510	623
Dam Seismic Upgrades	Approp.	-	-	-			
Dam Surveillance Improvements	Cash Flow	4,642	338	849	699	1,226	1,530
Dam Surveillance Improvements	Approp.	-	-	-			
Reservoir Tower Modifications	Cash Flow	13,470	9,731	2,546	-	450	742
Reservoir Tower Modifications	Approp.	6,151	6,151	-			
Wtr Supply Monitoring System	Cash Flow	1,084	598	144	86	79	177
Wtr Supply Monitoring System	Approp.	743	599	144			
Total	Cash Flow	30,908	13,660	6,364	1,782	5,103	3,999
Total	Approp.	12,411	12,108	303			

Supplemental Supply, Regional Agreements

The District’s strategic plan includes the goal to attain additional supply by 2040 in order to provide 85 percent reliability under drought conditions and diversify through regional partnerships. The projects under this award purpose support this goal, channeling opportunities with groundwater, imported water, and transfers, all via partnerships and while maintaining compliance.

Supplemental Supply, Regional Agreements - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
GroundwaterResourceDevelopment	Cash Flow	9,890	931	1,454	771	616	6,118
GroundwaterResourceDevelopment	Approp.	1,000	1,000	-			
Imported Water Facilities	Cash Flow	39,847	4,942	7,222	6,658	4,954	16,070
Imported Water Facilities	Approp.	10,000	6,000	4,000			
Local Regional Partnerships	Cash Flow	904	127	131	209	215	222
Local Regional Partnerships	Approp.	-	-	-			
SGMA Compliance	Cash Flow	1,709	226	612	699	40	131
SGMA Compliance	Approp.	1,000	1,000	-			
Water Rights, Licenses & Plans	Cash Flow	9,020	2,312	2,548	2,160	1,000	1,000
Water Rights, Licenses & Plans	Approp.	7,000	3,000	4,000			
Water Transfers	Cash Flow	1,857	817	534	178	114	214
Water Transfers	Approp.	-	-	-			
Total	Cash Flow	63,227	9,355	12,502	10,675	6,939	23,755
Total	Approp.	19,000	11,000	8,000			

Sustainable Energy

The District’s principles include minimizing waste, and conserving energy and natural resources. This award purpose shepherds the District toward these goals.

Sustainable Energy - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Enhanced Power Revenue	Cash Flow	2,877	2,381	176	160	80	80
Enhanced Power Revenue	Approp.	3,196	2,976	220			
FSCC Capital Improvements	Cash Flow	4,649	1,114	2,492	443	275	326
FSCC Capital Improvements	Approp.	4,863	1,596	3,267			
Powerhouse Improvements	Cash Flow	8,015	2,064	995	835	2,097	2,024
Powerhouse Improvements	Approp.	3,822	2,579	1,243			
Total	Cash Flow	15,540	5,558	3,663	1,438	2,451	2,430
Total	Approp.	11,881	7,151	4,730			

Vehicles, Equipment & Related Facilities

The District closely monitors vehicles, equipment, and their related costs. These awards supply new and replace existing assets on a formalized schedule, supporting projects system-wide.

Vehicles, Equipment & Related Facilities - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Diesel Engine Retrofit	Cash Flow	5,218	1,680	582	619	1,536	802
Diesel Engine Retrofit	Approp.	2,700	2,000	700			
Fleet & Equip Additions	Cash Flow	9,812	3,600	292	2,880	80	2,960
Fleet & Equip Additions	Approp.	4,780	4,500	280			
Fleet & Equip Repl/Purchases	Cash Flow	25,002	6,814	4,109	4,640	4,640	4,800
Fleet & Equip Repl/Purchases	Approp.	13,437	8,517	4,920			
Fuel Facility Improvements	Cash Flow	12,380	7,700	1,200	1,160	1,160	1,160
Fuel Facility Improvements	Approp.	11,125	9,625	1,500			
Total	Cash Flow	52,413	19,794	6,182	9,299	7,416	9,722
Total	Approp.	32,042	24,642	7,400			

Water Recycling & Conservation

To help reduce potable water demand, the District has undertaken a variety of recycled water projects, including the East Bayshore Recycled Water Project (Albany, Berkeley, Emeryville, Oakland, and Alameda), North Richmond Water Reclamation Plant (NRWRP), Richmond Advance Recycled Expansion (RARE) project, in partnership with Chevron, and the Dublin San Ramon Services District/EBMUD Recycled Water Authority (DERWA) partnership. The award purpose also includes Water Conservation Services.

Water Recycling & Conservation - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
DERWA	Cash Flow	1,422	642	470	94	106	110
DERWA	Approp.	-	-	-			
East Bayshore	Cash Flow	55,415	2,915	4,700	7,734	8,776	31,290
East Bayshore	Approp.	7,000	4,500	2,500			
NRWRP	Cash Flow	3,334	426	1,234	1,355	320	-
NRWRP	Approp.	-	-	-			
NRWRP Routine Capital Maint	Cash Flow	2,166	408	420	433	446	459
NRWRP Routine Capital Maint	Approp.	-	-	-			
RARE - Chevron Funded	Cash Flow	4,649	2,255	470	1,081	405	438
RARE - Chevron Funded	Approp.	5,000	2,500	2,500			
RARE - EBMUD Funded	Cash Flow	120	22	23	24	25	26
RARE - EBMUD Funded	Approp.	-	-	-			
San Ramon Valley RW	Cash Flow	7,662	86	353	363	3,539	3,320
San Ramon Valley RW	Approp.	-	-	-			
Water Conservation Services	Cash Flow	6,061	1,904	1,236	954	973	994
Water Conservation Services	Approp.	-	-	-			
Water Recycling Planning	Cash Flow	8,492	528	286	1,320	2,807	3,551
Water Recycling Planning	Approp.	-	-	-			
Total	Cash Flow	89,321	9,186	9,192	13,359	17,397	40,186
Total	Approp.	12,000	7,000	5,000			

Water Treatment

The Treatment Plant Upgrades project spearheads this award purpose, with the aim to address compliance with water quality regulations and improve the safety, operation and reliability of the five Water Treatment Plants (WTPs). The award purpose also includes improvements to the Pardee Center, found at the system’s water source, and ongoing WTP capital improvements.

Water Treatment - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Pardee Ctr Cap Maint & Imprvmt	Cash Flow	8,031	2,353	3,482	720	662	814
Pardee Ctr Cap Maint & Imprvmt	Approp.	7,293	2,940	4,353			
Treatment Plant Upgrades	Cash Flow	520,817	89,215	122,598	127,394	112,664	68,946
Treatment Plant Upgrades	Approp.	87,953	87,953	-			
WTP Capital Improvements	Cash Flow	2,895	540	559	578	598	619
WTP Capital Improvements	Approp.	1,374	675	699			
Total	Cash Flow	531,743	92,108	126,639	128,693	113,925	70,379
Total	Approp.	96,620	91,568	5,052			

Water Contingency

Contingency provides funding for unanticipated needs that may arise before the next budget cycle, such as replacement or repairs to facilities and equipment as a result of failures or safety deficiencies, unanticipated new projects, or the acceleration of planned projects requiring funding before the next budget cycle. Funds may also be set aside for projects where grants are being sought in the event that the grant application is successful as most grants require the District to fund the project and then apply for reimbursement of allowable costs. For this budget cycle, approximately 7.5 percent of the FY 2024 – FY2025 cash flows are reserved as contingency funds.

Water Contingency - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Water Contingency	Cash Flow	-	-	-	-	-	-
Water Contingency	Approp.	70,000	20,000	50,000			
Total	Cash Flow	-	-	-	-	-	-
Total	Approp.	70,000	20,000	50,000			

IMPACT OF CAPITAL INVESTMENTS ON OPERATIONS

The CIP is unique in that nearly all capital funding is derived from operating revenue and debt; this creates a direct relationship between the operating budget and capital investment: capital investment increases at the expense of revenues and debt, but in many cases decreases operating expenses over time. The FY 2024 – FY 2028 CIP includes several significant nonrecurring capital projects that will affect the operating budget and the services that the District provides. The exact benefits of specific projects are vast, but potential impacts include:

- Increased maintenance of rehabilitated facilities;
- Decreased operating costs due to technological advancement;
- Additional staff training cost to manage new assets; and
- More efficient labor practices with the advent of modernized systems.

Five-Year Financial Forecast

SUMMARY

The five-year financial forecast presents the estimated impact of operations, debt service requirements and reserve balances on corresponding rate projections over the five-year period. This forecast is built using adopted financial policies, Board goals for long-term financial stability, and the necessary capital investments in the FY 2024 – FY 2028 Capital Improvement Program (CIP).

This forecast identifies a projected series of rate increases for the Water System based on estimated increases in operating and capital expenses to maintain service levels, meet mandated program requirements, and pay increased debt service to fund capital expenditures.

Water System Five-Year Financial Forecast

Five-Year Financial Forecast (\$ Millions)							
	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
	Actuals	Projection	Budget		Forecast		
Beginning Balance	-	-	463.3	461.1	455.9	488.1	503.3
Water Charges	634.1	620.0	668.3	742.4	807.2	869.8	930.0
Property Taxes	45.5	46.0	47.0	48.1	49.2	50.3	51.5
Power Sales	6.5	17.0	8.0	8.0	7.0	7.0	7.0
Interest Income	2.2	10.0	13.9	13.8	9.5	10.0	10.3
SCC Revenue	33.4	35.0	35.0	36.2	37.5	38.8	40.2
Reimbursements	14.0	14.0	14.0	14.4	14.9	15.3	15.8
All Other	21.4	23.0	21.0	21.4	20.7	20.9	21.1
Drought Revenues*	-	21.6	-	-	-	-	-
Total Revenues	757.0	786.6	807.2	884.3	945.9	1,012.0	1,075.8
Operating Expenses	298.8	343.2	397.4	413.2	427.5	443.4	459.8
Drought Expenses	10.6	21.5	-	-	-	-	-
Debt Service	209.3	235.1	238.7	256.3	270.6	281.4	290.8
Capital Expenses	323.1	384.9	478.1	520.5	517.4	475.4	485.5
Total Expenses	841.9	984.7	1,114.2	1,190.0	1,215.5	1,200.1	1,236.2
Debt Proceeds	150.0	-	269.5	269.5	269.5	171.5	147.0
Reimbursements	13.3	29.4	35.4	31.1	32.2	31.8	31.9
Other Capital Revenue	-	-	-	-	-	-	-
Ending Balance	-	-	461.1	455.9	488.1	503.3	521.8
Policy Reserves	-	-	263.8	267.1	270.7	274.7	278.8
Capital Reserves	-	-	197.3	188.8	217.3	228.6	243.0

On average over the five-year period, revenues are forecast to increase 7.4 percent per year to cover the increases in operating and capital expenses and maintain a minimum of 1.6 times coverage on revenue bond debt service. Forecasted operating expenses are expected to grow by 3.7 percent per year over the five-year period, while debt service grows 5.1 percent per year.

For all five years, the cash reserves exceed the cash reserve targets. Reserves in excess of those needed to meet financial reserve targets are available to pay for a significant portion of the capital program expenses with cash, a positive financial metric.

Capital cash flow spending, including capital support, is projected at \$2.5 billion over the five-year period. Major projects during this period include Water Treatment Plant Upgrades, Pipeline Rebuild, Large Diameter Pipelines, Reservoir Rehabilitation, and Pumping Plant Rehabilitation.

The projected average percentage of capital funded from debt will be 42.9 percent over the five-year period, significantly lower than the financial policy target maximum of 65 percent. In FY 2024 and FY 2025, the debt coverage ratio is projected at 1.94x and 2.06x, respectively, and for all five years the ratio exceeds the target coverage ratio of 1.60.

FIVE-YEAR PROJECTION OF REVENUE

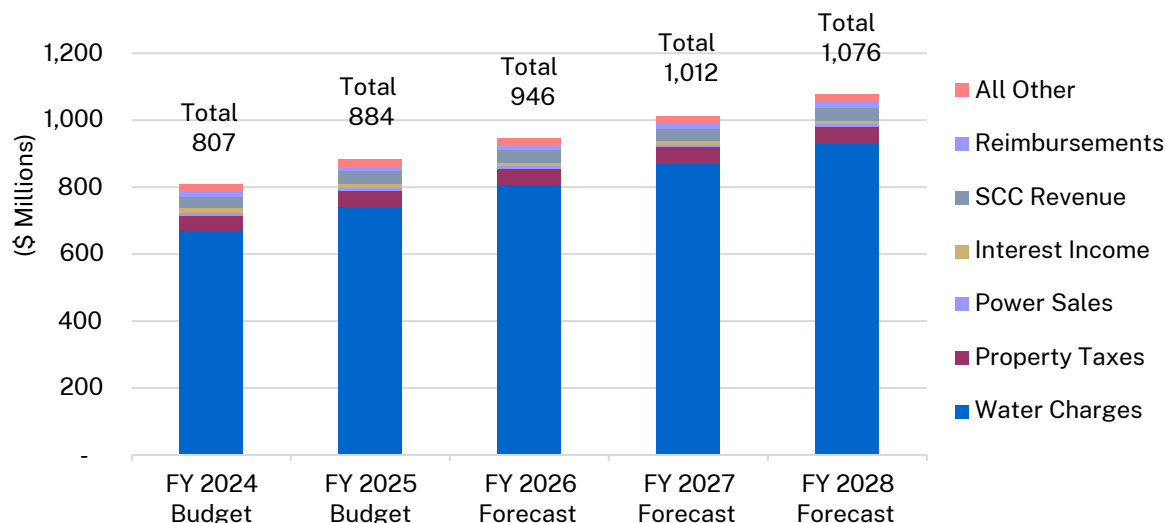
The following table shows the key assumptions used to create the revenue forecast. The debt service coverage ratio is projected to exceed the policy target of 1.60 by over 20 percent every year.

Water System Key Assumptions in Five-Year Forecast

Key Assumptions							
	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
	Actuals	Budget	Budget		Forecast		
Water Sales Volume (MGD)	143.9	145.8	139.7	143.9	148.2	151.2	152.8
% Rate Increase	4.00%	4.00%	8.50%	8.50%	6.00%	6.00%	6.00%
Average Monthly Single-Family Residential Bill*	\$66.00	\$68.66	\$74.49	\$80.79	\$85.64	\$90.78	\$96.22
Debt Service Coverage	2.35x	2.02x	1.94x	2.06x	2.10x	2.20x	2.30x

The key factors driving the need for increased Water System revenues are: Increased investments in aging infrastructure and building a more resilient water system; increased labor and benefit costs to keep up with inflation; and inflation on non-labor costs, such as energy, chemicals, and software.

Water System Five-Year Revenue Projection



Projected annual operating revenues are expected to increase from \$807 million in FY 2024 to \$1.08 billion by FY 2028, an increase of \$269 million, or 7.4 percent compounded growth per year. The increase in revenue over the five-year period is to cover increased revenue-funding for capital projects, increased debt service requirements to pay for debt issued to fund capital, and increased costs in operations and maintenance.

The major components of the increases in operating revenue over the five-year period are revenue from Water Charges which is projected to increase from \$668 million in FY 2024 to \$930 million in FY 2028 based on water rate increases shown on the prior page. Property taxes are projected to grow by \$4 million, and SCC Revenue is expected to grow by \$5 million, offset by decreases in interest income and power sales, which are subject to market conditions and are therefore budgeted conservatively.

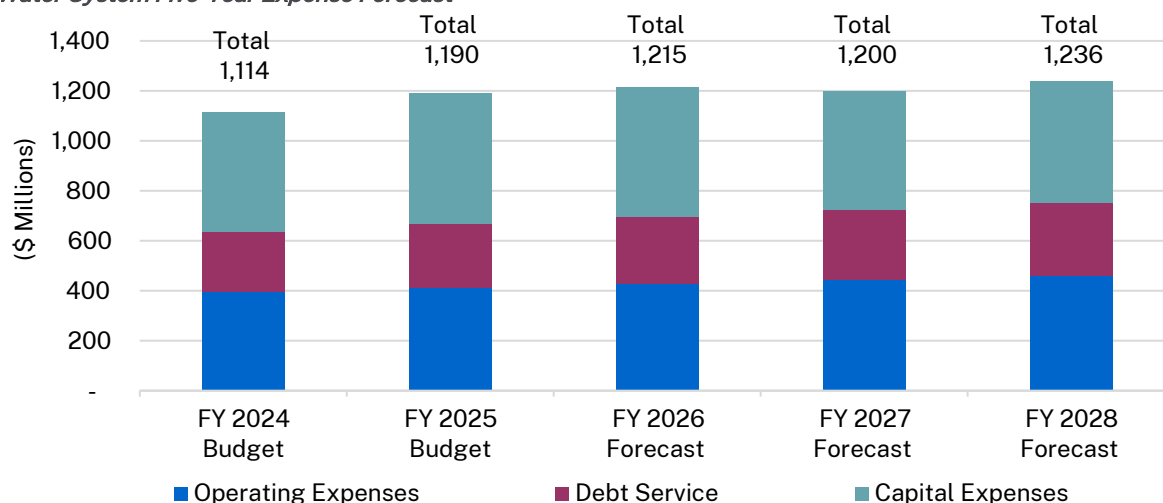
FIVE-YEAR PROJECTION OF TOTAL EXPENSES

Water System expenses are projected to increase from \$1.11 billion in FY 2024 to \$1.24 billion in FY 2028, an increase of 2.6 percent per year. This is primarily driven by a 5.1 percent annual growth in debt service – from \$239 million to \$291 million by FY 2028 – driven by the need to fund capital using a mix of revenue and debt. Debt-funding of capital is discussed later in the five-year forecast.

Operating expenses have a slower growth rate of 3.7 percent year, from \$397 million to \$460 million, reflecting typical inflationary trends in major costs, including labor. Capital expenses will have slower growth, from \$478 million to \$486 million in FY 2028, though the peak year is FY 2025, the second year of the budget, at \$521 million.

This chart summarizes projected Water System budget by category for the next five years.

Water System Five-Year Expense Forecast



FIVE-YEAR PROJECTION OF RESERVES

Reserves consist of:

- Working capital reserves equal to three months operating and maintenance expenses;
- Self-Insured Liability reserve based on the actuarial Self-Insured Retention (SIR) funding recommendation;
- Workers' Compensation reserve based on the actuarial SIR funding recommendation; and
- Rate stabilization reserve of a minimum of 20 percent of projected annual water volume revenues.

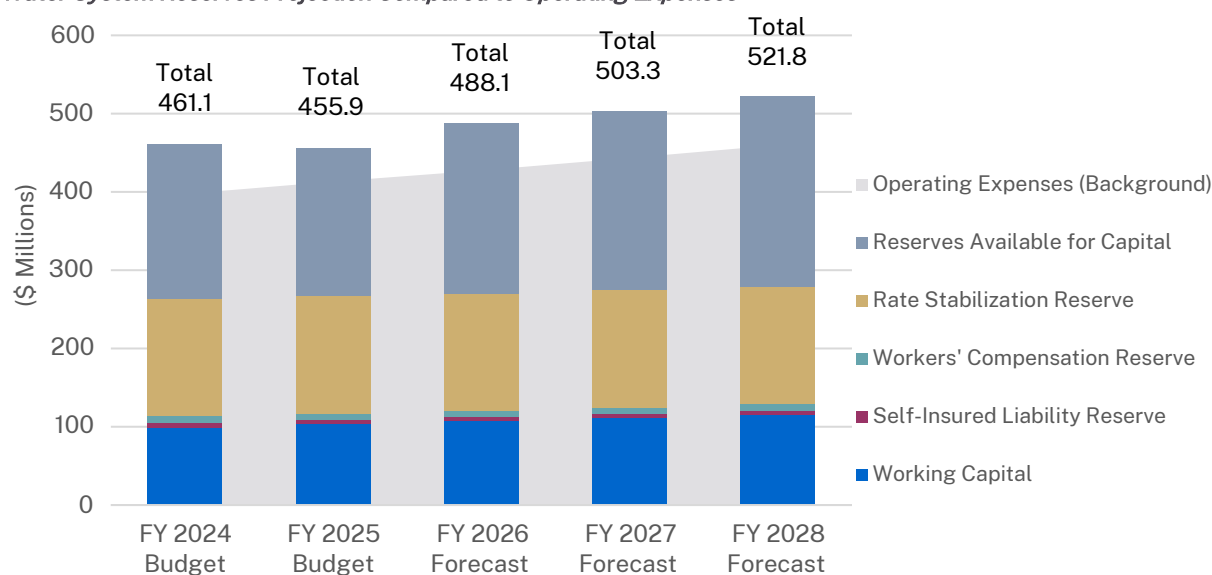
The table below shows the changes to reserve components over the five-year period. Reserve balances meet or exceed the policy reserve levels for the entire period.

Water System Five-Year Projection of Reserves

Reserve Components (\$ Millions)					
	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
	Budget		Forecast		
Total Reserves	461.1	455.9	488.1	503.3	521.8
Policy Reserves					
Working Capital	99.4	103.3	106.9	110.8	115.0
Self-Insured Liability Reserve	6.6	6.1	6.1	6.1	6.1
Workers' Compensation Reserve	7.8	7.8	7.8	7.8	7.8
Rate Stabilization Reserve	150.0	150.0	150.0	150.0	150.0
Total Policy Reserves	263.8	267.1	270.7	274.7	278.8
Reserves Available for Capital	197.3	188.8	217.3	228.6	243.0

The following chart shows Water System reserve levels projected at the end of each fiscal year, relative to operating expenses in the background.

Water System Reserves Projection Compared to Operating Expenses



CAPITAL INVESTMENTS AND FINANCING

The Five-Year CIP outlines Water System capital investment plans, the estimated cost of these investments, and the sources of funds. Appropriations reflect the amount that is authorized and budgeted over a multi-year period for each program. Cash flows are the amounts estimated to be spent on each program in a given year. The five-year program for the Water System includes \$2.5 billion in projected cash flow spending, inclusive of capital support expenses.

The focus of the CIP is the five-year period from FY 2024 to FY 2028. Capital needs have been estimated for a second five-year period from FY 2029 to FY 2033. Given the long-term nature of these capital improvement plans, by necessity they are preliminary estimates only and will be revised as studies are completed, priorities are redefined, and as new needs emerge. Therefore, the budget focuses on the first five years of the CIP. The following table shows the cash flow spending on capital improvements anticipated for the next five years.

Water System Five-Year Capital Cash Flows by Award Purposes, Including Capital Support

Capital Expenses (\$ Millions)					
Award Purpose & Capital Support	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
	Budget		Forecast		
District-Wide Building Facility Improvements	14.9	31.0	29.8	17.4	18.2
Environmental Resources & Remediation	20.4	21.2	35.4	16.7	17.4
New Business Infrastructure	22.2	22.9	23.6	24.3	25.0
Pipelines - Distribution System	74.4	81.6	85.7	95.1	97.4
Pipelines - Transmission	31.2	25.5	19.7	13.7	6.2
Pressure Zone Studies	5.7	5.1	3.8	6.0	7.1
Process & System-Wide Improvements	23.0	25.9	31.0	21.6	19.7
Pumping Plants	29.2	30.2	18.9	21.3	27.2
Raw Water System	16.3	24.7	22.7	12.0	21.8
Recreation Areas & Facilities	4.1	3.3	1.6	1.5	0.6
Regulators & Rate Control Stations	3.9	9.2	6.1	10.6	9.3
Reservoirs - Distribution	31.1	23.4	20.3	26.8	28.3
Reservoirs - Supply	13.7	6.4	1.8	5.1	4.0
Supplemental Supply, Regional Agreements	9.4	12.5	10.7	6.9	23.8
Sustainable Energy	5.6	3.7	1.4	2.5	2.4
Vehicles, Equipment & Related Facilities	19.8	6.2	9.3	7.4	9.7
Water Recycling & Conservation	9.2	9.2	13.4	17.4	40.2
Water Treatment	92.1	126.6	128.7	113.9	70.4
Capital Support	52.0	52.0	53.6	55.2	56.8
Total Capital Expenses	478.1	520.5	517.4	475.4	485.5

Funding for the CIP is drawn from the proceeds of debt, grants, reimbursements from developers and other agencies, and current reserves and revenues. Over the five-year period, the percentage of capital funded from debt will average 42.9 percent, under the target maximum of 65 percent contained in the District’s debt policy, and debt service will grow by 5.1 percent per year. Water System total outstanding debt will increase by \$590.8 million, or 22.7 percent, during the period. Total debt outstanding at the end of the five-year period will total \$3.2 billion.

Projected new bond issues, outstanding debt, debt service, and projected debt service coverage ratios are shown in the following table. Coverage will remain above the policy target of 1.60x and is expected to increase as the capital program becomes increasingly revenue-funded, which is positive for long-term financial stability.

Water System Five-Year Debt Projections

Outstanding Debt and Debt Service (\$ Millions)					
	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
	Budget		Forecast		
Beginning of Year Outstanding Debt	2,605.6	2,785.2	2,956.5	3,119.2	3,174.1
Debt Retired	95.4	103.7	112.4	120.1	127.7
New Bonds & Loans	275.0	275.0	275.0	175.0	150.0
Total Outstanding Debt	2,785.2	2,956.5	3,119.2	3,174.1	3,196.4
Debt Service, Existing Debt	218.8	218.5	215.4	215.1	214.8
Debt Service, New Debt	17.9	35.8	53.7	65.1	74.8
Debt Servicing Costs	1.9	2.0	1.5	1.2	1.2
Total Debt Service	238.6	256.3	270.6	281.4	290.8
Debt Service Coverage	1.94x	2.06x	2.10x	2.20x	2.30x

EBMUD Fun Fact:

EBMUD offers 126 miles of watershed trails in the East Bay and the Sierra Nevada foothills. That's almost exactly the same distance as if you walked from EBMUD's Administration Building in downtown Oakland to EBMUD's Pardee Reservoir Recreation Area in Lone.

Chapter 5: Wastewater System

Overview

This chapter provides a detailed discussion of the Wastewater System, including:

- Fund Summary
- Sources of Funds
- Use of Funds
- Staffed Department Operations
- Debt Service and Financing
- Capital Improvement Program
- Five-Year Financial Forecast



Lab Techs Perform Sample Extraction

The Wastewater System is an enterprise fund consisting of operating and capital budgets. The system treats wastewater discharged from residences and industries in the communities of Alameda, Albany, Berkeley, Emeryville, Oakland, Piedmont, and the Stege Sanitary District. The Wastewater System receives and pays for administrative, financial, and other support services provided by the Water System.

KEY ASSUMPTIONS

The following are key projections and assumptions used in the FY 2024 and FY 2025 budget.

Wastewater System Key Assumptions

Key Assumptions		
	FY 2024	FY 2025
% Rate Increase	8.50%	8.50%
Average Monthly Single-Family Residential Bill	\$ 26.98	\$ 29.24



Main Wastewater Treatment Plant – Oakland, CA

FUND SUMMARY

The following fund summary table shows the Wastewater System beginning and ending fund balance, and projected revenue and expenditure budgets for FY 2024 and FY 2025.

Wastewater System Detailed Fund Summary – Sources & Uses

Detailed Fund Summary - Sources & Uses (\$ Millions)			
	FY 2024	FY 2025	% Change
Beginning Balance (Projected)	102.4	106.4	4.0%
Sources of Funds			
Sources of Funds (Operating)			
Treatment Charges	93.2	101.8	9.2%
Wet Weather Facilities Charges	33.4	36.2	8.5%
Resource Recovery	11.0	10.0	-9.1%
Property Taxes	7.5	7.7	2.3%
Interest Income	3.1	3.2	4.5%
Laboratory Services	4.9	5.0	3.0%
Reimbursements	1.8	1.9	3.0%
Permit Fees	1.7	1.7	0.0%
Capacity Charges	3.5	3.6	3.5%
All Other Revenue	6.2	6.2	0.0%
Subtotal Sources of Funds (Operating)	166.2	177.3	6.7%
Sources of Funds (Capital)			
New Bond Proceeds	24.5	29.4	20.0%
Loan Proceeds	-	-	
Grants	-	-	
Reimbursements	-	-	
Subtotal Sources of Funds (Capital)	24.5	29.4	20.0%
Total Sources of Funds	190.7	206.7	8.4%
Uses of Funds			
Use of Funds (Operating)			
Labor	56.7	57.6	1.6%
Contract Services	5.2	5.2	-0.7%
Other	44.7	48.5	8.6%
Contingency (Non-Labor)	0.7	0.7	3.6%
Debt Service	32.9	34.8	5.8%
Capital Support	(3.6)	(3.6)	0.0%
Subtotal Use of Funds (Operating)	136.6	143.2	4.9%
Use of Funds (Capital)			
Capital Cash Flows	46.4	54.8	18.0%
Capital Support	3.6	3.6	0.0%
Subtotal Use of Funds (Capital)	50.0	58.4	16.7%
Total Uses of Funds	186.6	201.6	8.0%
Total Sources	190.7	206.7	8.4%
Total Uses	186.6	201.6	8.0%
All Sources less Uses	4.1	5.1	24.5%
Ending Balance*	106.4	111.5	4.8%

*Ending Balance includes all policy reserves and reserves for capital projects.

Sources of Funds

OVERVIEW

The Wastewater System has a variety of revenue sources to fund operations, and a portion of the capital expense. The remaining capital expense is funded primarily by new bond proceeds.

The table below shows actuals and budgets for operating revenues and capital funding sources.

Wastewater System Detailed Revenue Summary

Detailed Revenue Summary (\$ Millions)					
	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
	Actuals		Projection*	Budget	
Operating Revenues					
Treatment Charges	79.4	83.0	87.6	93.2	101.8
Wet Weather Facilities Charges	28.3	29.4	30.9	33.4	36.2
Resource Recovery	12.3	13.7	13.0	11.0	10.0
Property Taxes	6.9	7.4	7.4	7.5	7.7
Interest Income	0.2	0.2	2.5	3.1	3.2
Laboratory Services	4.7	4.7	4.8	4.9	5.0
Reimbursements	1.8	1.9	1.8	1.8	1.9
Permit Fees	1.6	1.6	1.6	1.7	1.7
Capacity Charges	7.2	6.4	6.0	3.5	3.6
All Other Revenue	5.8	6.5	6.3	6.2	6.2
Total Operating Revenues	148.2	154.9	161.9	166.2	177.3
Capital Funding Sources					
New Bond Proceeds	-	20.0	-	24.5	29.4
Loan Proceeds	-	-	-	-	-
Grants	-	-	-	-	-
Reimbursements	0.3	-	-	-	-
Total Capital Funding Sources	0.3	20.0	-	24.5	29.4
Total Funding Sources	148.5	174.9	161.9	190.7	206.7

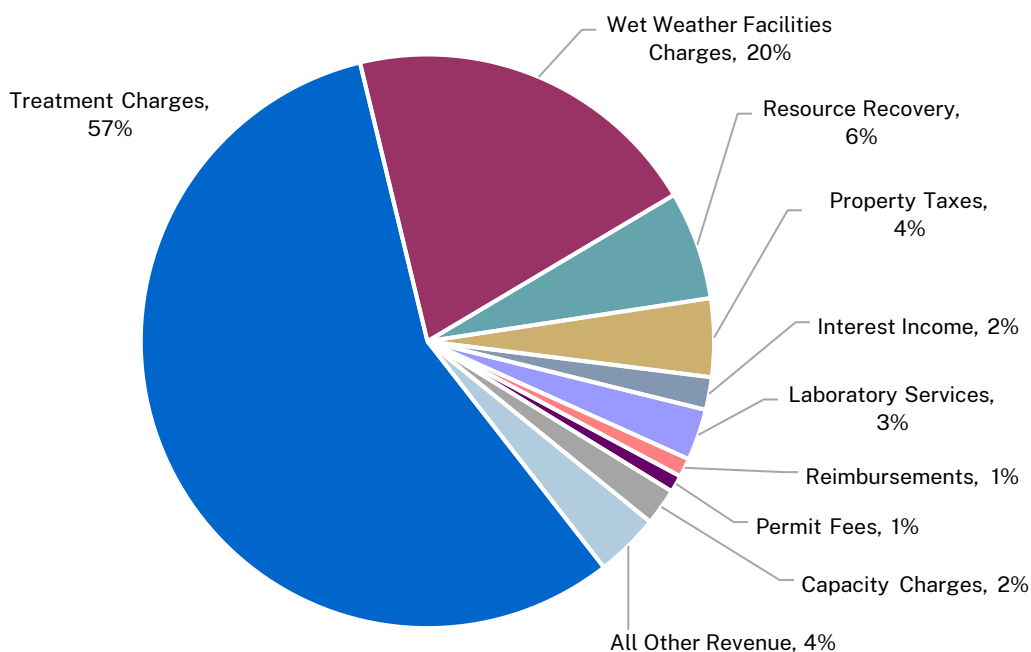
OPERATING REVENUE

Wastewater System operating revenues for FY 2024 are budgeted to increase \$4.3 million, or 2.7 percent compared to projections for year-end FY 2023, for a total of \$166.2 million. The Treatment Charges total \$93.2 million, an increase of \$5.6 million compared to the FY 2023 year-end projection. Resource Recovery revenue is decreasing \$2.0 million to reflect a conservative approach to budgeting for an uncommon revenue source. Wet Weather Facilities Charge revenue in FY 2024 is projected to increase \$2.5 million from the FY 2023 projection. Property Tax revenue is increasing \$0.1 million to reflect projected collections. Interest Income is increasing \$0.6 million due to higher projected interest rates for next fiscal year. Reimbursement income from the Water System is projected to remain essentially flat, as are permit fees. Capacity Charge revenue is expected to decline by \$2.5 million compared to projections for FY 2023 due to anticipated decrease in building activity in the service area.

In FY 2025, Wastewater System operating revenues are budgeted to increase \$11.1 million, or 6.6 percent, for a total of \$177.3 million. This increase is comprised primarily of the additional \$8.6 million from rate increases in the Treatment Charges, offset by further declines in projected Resource Recovery revenue of \$1 million.

The figure below illustrates the various sources of revenue and the percentage of each source. Wastewater Treatment Charges is the largest source of revenue comprising 57 percent of FY 2024 and FY 2025 total operating revenues, followed by the Wet Weather Facilities Charge at 20 percent.

Wastewater System Operating Revenue Components – Combined FY 2024 & FY 2025



OPERATING REVENUE SOURCES

The following are descriptions of the sources of operating revenue, including information about the projected revenues for FY 2024 and FY 2025.

Treatment Charges

The District provides treatment for discharges collected through city-owned sewers and transported through District interceptors and pump stations to the Main Wastewater Treatment Plant (MWWTP). Treatment Charges for all customers are based on the volume and strength of the wastewater discharged plus a service charge, and are collected on the water service bill. The revenue generated by the various Treatment Charges is projected to increase in FY 2024 by \$5.6 million or 6.4 percent to \$93.2 million from the FY 2023 projected year-end revenue. For FY 2025, the Treatment Charge will be \$101.8 million, an increase of \$8.6 million or 9.2 percent.

Wet Weather Facilities Charge

In June 1987, the Board of Directors established the Wet Weather Facilities Charge to pay for the costs associated with the District wet weather facilities. This charge is assessed on a per parcel basis and, while it is not a tax, the charge is collected on the county property tax bill. The charge is projected to collect approximately \$33.4 million in FY 2024, an 8.5 percent increase above the projected FY 2023 year-end revenues. In FY 2025, the projected revenue is \$36.2 million, an 8.5 percent increase.

Resource Recovery

Excess capacity at the MWWTP is utilized by accepting trucked waste. The Resource Recovery Program is projected to generate \$11.0 million in FY 2024 and \$10.0 million in FY 2025, which represents a decrease of \$2.0 million compared to revenue projections for FY 2023 year-end.

Property Taxes

The District receives a portion of the one percent county levy on properties within District boundaries. For FY 2024 and FY 2025, revenues are projected to be \$7.5 million, an increase of 1.4 percent or \$0.1 million above the FY 2023 year-end projection.

Interest Income

The District places funds not needed for current expenses in investment of various types, following the same procedures as the Water System. Interest Income in FY 2024 is projected to be \$3.09 million, an increase of \$0.6 million from the FY 2023 year-end projection due to continued expected increases in short-term interest rates as well as the lagging nature of earnings compared to the current interest environment. Note that the FY 2024 budgeted amount is 1,230 percent – or 12.3-times – more than the actual interest earnings in FY 2022 due to growing interest rates and improved management of the portfolio. Interest Income in FY 2025 is projected to be \$3.22 million, or an additional 4.5 percent increase.

Laboratory Services

The Wastewater laboratory provides testing and analysis services for the Water and Wastewater Systems and several outside agencies. The Water and Wastewater Systems share in the joint costs of operating the lab. Revenues from the Water System and outside agencies are projected to be \$4.9 million for FY 2024 and \$5.0 million for FY 2025, which is in-line with growth over prior years at 2 to 3 percent growth per year.

Reimbursements

The Wastewater System is reimbursed from the Water System for work performed by Wastewater staff on the recycled water programs. Included in reimbursements are Build America Bond subsidy payments, which in some years have been subject to sequestration. The estimated revenue from reimbursements is \$1.8 million for FY 2024 and \$1.9 million for FY 2025.

Permit Fees

The District collects fees to fund its pollution prevention programs and the discharge permit programs. In FY 2024 and in FY 2025, the estimated revenue from these permit fees will be \$1.7 million.

Capacity Charges

Wastewater Capacity Fees (WCF) are collected from customers requesting new wastewater service. Due to the increase in building activity in the service area, the WCF revenue collected has remained over \$5.0 million – and as high as \$7.2 million – in the past four years. While an updated water consumption analysis for capacity charges resulted in a reduction in the WCF adopted for FY 2022 and FY 2023, revenue is projected to end FY 2023 at \$6.0 million. However, with rising interest rates and uncertain economic conditions, the District is expecting building activity may slow and is conservatively budgeting for revenue of \$3.5 million and \$3.6 million for FY 2024 and FY 2025, respectively.

All Other Revenue

Included in this category are lease revenue of District properties, reimbursements from the U.S. Treasury under the Build America Bonds program, revenue from energy sales at the Power Generation Station (PGS), and private sewer lateral fees. All Other Revenue is expected to be approximately even at \$6.2 million for both FY 2024 and FY 2025, which is just \$0.1 million below expectations for FY 2023 year-end revenue.

CAPITAL FUNDING SOURCES

The following are descriptions of the sources of capital funding. The Capital Improvement Program (CIP) will be funded with bond proceeds, wastewater revenue, and reserves. It is anticipated that the District will receive \$24.5 million in new revenue bond proceeds in FY 2024 and \$29.4 million in FY 2025, with the remaining capital expenses funded using rate revenues.

New Bond Proceeds

The District has the ability to issue long-term bonds to fund its capital program. The proceeds of the bond sales can be used to pay for capital expenses over several years. The repayment of the bonds is generally over 30 years and is paid from wastewater rate revenues.

Grants and Loans Proceeds

The District pursues federal and state grants and low-interest loans to fund some of its capital projects when they meet the conditions of the grant and loan programs.

Reimbursements

Some of the capital projects in the Wastewater System are performed at the request of other agencies, and the District is reimbursed for its expenses. An example would be the relocation of a portion of the sewer interceptor at the request of a city or state agency.

Revenue Funded Capital

Annual capital expenses that are not paid from debt funding, grants, loans, or reimbursements must be paid from revenues, either from current year revenues or from reserves.

Please refer to the section Debt Service and Financing for additional details on debt funding of capital projects.

Use of Funds

OVERVIEW

The Wastewater System has three types of expenditures:

- **Operations** – the annual costs of providing all wastewater services;
- **Debt Service** – the repayment of bonds for making capital investments along with other debt-related expenses; and
- **Capital Cash Flow** – the annual costs of the CIP for long-term projects.

The following table shows the breakdown of expenses by the type of expenditure.

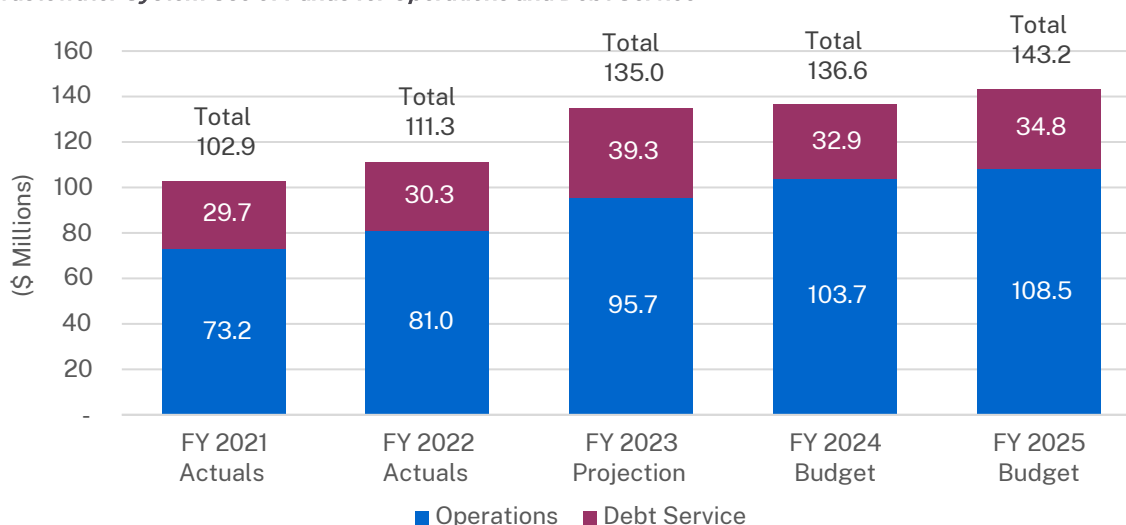
Wastewater System Use of Funds FY 2021 to FY 2025

Use of Funds (\$ Millions)					
	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025
	Actuals		Projection*	Budget	
Operations	73.2	81.0	95.7	103.7	108.5
Debt Service	29.7	30.3	39.3	32.9	34.8
Capital Cash Flow	41.0	41.7	47.9	50.0	58.4
Total Expenses	143.9	153.0	182.8	186.6	201.6

This section describes the major components of the Wastewater System operations budget. Typical expenditures include, but are not limited to labor, benefits, chemicals, energy, spoils/sludge disposal, parts, materials, and fees and licenses.

In FY 2024, the combined operations and debt service budgets are increasing \$1.6 million, or 1.2 percent compared to FY 2023 projected actual expenses. Those projected expenses included an increase in the debt budget to fully pay down the Wastewater System’s Extendible Commercial Paper program in FY 2023, a one-time expense. In FY 2025, the budgets will increase \$6.6 million or 4.8 percent compared to the first year of the biennial budget.

Wastewater System Use of Funds for Operations and Debt Service



DEPARTMENT OPERATING BUDGET

The operations portion of the Wastewater System budget is divided into four departments, which are staffed, contingency, intradistrict, and capital support. The staffed department includes all employees assigned to work in the Wastewater Department. The staffed department budget funds the day-to-day operations of the Wastewater System, and includes funding for labor, benefits, outside contract services and other non-labor expenses such as chemicals, energy, spoils and sludge disposal, parts, materials, fees, and licenses. A detailed description of the staffed department is included later in this chapter.

A small number of departments do not have personnel assigned to them and are referred to as non-staffed departments described as follows:

- **Contingency** – Funds are budgeted each fiscal year to cover projected labor-related expenses such as Pay for Performance. The contingency budget also includes funding for unanticipated needs which may arise before the next budget cycle.
- **Intradistrict** – Certain internal service accounts are included in balance sheets to assure that internal expenses are not counted twice within the operations budget. Examples of these accounts include warehouse stores overhead and fleet vehicle expenses. The Wastewater System typically has only very small amounts of actual expenses in these accounts by year-end, so they are not typically budgeted.
- **Capital Support** – Costs that are not directly attributable to specific capital projects, but indirectly support the CIP. Capital support costs in the operations budget are reallocated to the capital budget and will decrease operating expenses by a like amount.

The following table presents the total FY 2024 and FY 2025 Wastewater System operating budgets by department.

Wastewater System Staffed and Non-Staffed Department Operating Budgets

Operating Budget by Department (\$ Millions)							
Departments	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Actuals	Projected*	Budget	% Change	Budget	% Change
Wastewater	76.8	84.6	99.5	106.3	6.8%	111.0	4.4%
Staffed Department Subtotal	76.8	84.6	99.5	106.3	6.8%	111.0	4.4%
Contingency	-	-	0.3	1.0	246.2%	1.1	4.0%
Intradistrict	(0.0)	(0.0)	(0.5)	-	-100.0%	-	
Capital Support	(3.6)	(3.5)	(3.6)	(3.6)	-0.8%	(3.6)	0.0%
Total Operations	73.2	81.0	95.7	103.7	8.4%	108.5	4.6%
Debt Service	29.7	30.3	39.3	32.9	-16.3%	34.8	5.8%
Total Operating	102.9	111.3	135.0	136.6	1.2%	143.2	4.9%

DEPARTMENT OPERATING EXPENSE HIGHLIGHTS

The Wastewater System is comprised of one staffed department that performs all aspects of wastewater system operations. This section details the department's labor and non-labor budget, department goals and staffing.

The table below is a duplicate of the one in the Wastewater Department page later in this chapter, however it is displayed again here in millions (instead of thousands) for consistency with the Water System's budget and so the descriptive highlights below have a reference. Note that, similar to the Water System, this table excludes the capital support overhead allocated from operations to capital and other operating departments without assigned staff.

Wastewater System Staffed Department Budget Detail

Department Operating Budget Detail and Historical Comparison (\$ Millions)

Category	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Actuals	Budget	Budget	% Change	Budget	% Change
Total Labor and Benefits	55.0	58.7	60.4	70.2	16.2%	71.3	1.5%
<i>Less: Capital Labor and Benefits</i>	9.9	10.1	11.2	13.8	23.8%	14.0	1.5%
Operating Labor and Benefits	45.2	48.6	49.2	56.4	14.5%	57.2	1.5%
Contract Services	2.8	4.8	4.9	5.2	6.6%	5.2	-0.7%
Other Costs	28.9	31.1	36.8	44.7	21.5%	48.5	8.6%
Operating Total	76.8	84.6	90.9	106.3	16.9%	111.0	4.4%

Labor and Benefits

Operating labor and benefits costs are allocated to the single staffed department. Included in the labor budget are various assumptions, including cost-of-living adjustments, eligibility for promotions, turnover rates, the lead time to fill vacancies, and future benefit costs.

Total labor and benefit costs are expected to grow \$9.8 million, or 16.2 percent, compared to FY 2023. The significant growth in labor and benefit costs in FY 2024 are driven by several factors, including:

- Staff increases due to notable investments in several key areas, to support critical facilities maintenance, capital projects, the Asset Management Program, and Private Sewer Lateral inspections;
- Increasing personnel costs due to inflation-linked wage increases in labor agreements; and
- As happens every 12 to 13 years, in FY 2024 there is an additional pay period during the budget year, though employees will continue to receive paychecks biweekly and will not receive an additional paycheck.

These increases are offset, in part, by an increasing number and relative size of participants in the District's 2013 Plan for retirement, which has a lower employer contribution rate. Additionally, an expectation for continued high turnover and a significant number of new positions reduces the assumption for the time that positions will be filled throughout the year.

In FY 2025, total labor and benefit costs increase \$1.1 million, or 1.5 percent compared to FY 2024, primarily for scheduled step increases and assumptions for cost-of-living adjustments. This is offset by a standard number of pay periods in the fiscal year, as well as savings due to the time required to fill positions.

Non-Labor Operating Costs

The Wastewater staffed department non-labor costs are increasing by \$7.9 million or 21.5 percent in FY 2024 and will increase \$3.8 million or 8.6 percent in FY 2025 compared to the prior fiscal year due to operational cost increases for wastewater treatment. A detailed explanation of the significant changes is shown in the department budget highlights section later in this chapter.

DEPARTMENT OPERATING EXPENSES BY CATEGORY

The table below depicts the Wastewater System staffed department operations by expense category. It excludes capital labor which is shown later in this chapter. Operating labor is the largest cost at more than 50 percent of the operations budget.

Wastewater System Staffed Department Operations by Category

Staffed Department Operations by Category (\$ Millions)								
Department	FY 2024				FY 2025			
	Labor	Contracts	Other	Total	Labor	Contracts	Other	Total
Wastewater	56.4	5.2	44.7	106.3	57.2	5.2	48.5	111.0
Total	56.4	5.2	44.7	106.3	57.2	5.2	48.5	111.0

Staffed Department Operations

This section describes the staffed department and includes the following topics:

- **Overview** provides an overall statement about the key responsibilities of the department within the larger mission of the District.
- **Description of Services Provided** describes the responsibilities of the department, including services required to meet regulatory or legal requirements.
- **FY 2024 & FY 2025 Goals** highlight the highest priority tasks or projects related to the budget and the District’s Strategic Plan.
- **Department Budget Summary** is a table that shows the Department’s operating budget expenditures by category (Labor and Benefits, Contract Services, Other Costs). It also includes capital labor.
- **Budget Highlights** shows changes in cost relative to the previous fiscal year and describes reasons for those changes. This section focuses on the significant budget change.
- **Staffing Summary** is a table that shows the Full-Time Equivalency (FTE) for the department by appointment type (full-time, part-time, etc.).
- **Staffing Changes** is a section included only if the department has position changes that require Board approval. The table details the position changes, and provides a change in cost, which is an estimate based on typical salaries and benefit costs for the classification.

WASTEWATER DEPARTMENT

Overview

The Wastewater Department (WAS) operates and maintains District wastewater treatment facilities to comply with environmental and public health requirements. The primary goal of the department is to ensure public health and safety by meeting or surpassing federal, state, and local regulations regarding air, biosolids, and water quality. The department strives to protect the environment by reducing or eliminating the discharge of pollutants into the air, land and San Francisco Bay and recovering water, energy, and nutrients from wastes.

Description of Services Provided

The department includes the Wastewater Treatment, Wastewater Engineering, Laboratory & Technical Services, and Environmental Services divisions, as well as the Infiltration/Inflow Control group and Technical and Emerging Issues group. These groups work together to operate and maintain the wastewater interceptor system, Main Wastewater Treatment Plant (MWWTP), water recycling facilities, and three wet weather facilities. The department maintains compliance with all its permit regulations and plans for future regulatory changes, such as those related to nutrient, air emissions, contaminants of emerging concerns, and biosolids management; manages the Integrated MWWTP Master Plan; plans, designs, and manages the construction of capital projects; monitors discharges from all wastewater customers; issues commercial and industrial discharge permits; manages the Regional Private Sewer Lateral Program and implements projects to reduce infiltration and inflow; manages the Resource Recovery Program and energy generation; and tests environmental samples and reports analytical results to support the District's water, wastewater, and recycled water services.

FY 2024 & FY 2025 Goals

The department has a key role in the Water Quality and Environmental Protection, Long-Term Infrastructure Investment, and Long-Term Financial Stability Strategic Plan goals. The department also supports the Long-term Water Supply goals.

Key department goals include:

- Continuing to operate and maintain the District's Wastewater facilities to meet regulatory requirements and protect public health, the environment, and San Francisco Bay;
- Rehabilitating infrastructure to maximize utilization of existing capital investments and to ensure operational reliability for protecting public health and the environment;
- Implementing projects recommended from the Integrated MWWTP Master Plan, while ensuring best available current technologies, priorities, and approaches, to cost-effectively balance long-term infrastructure renewal needs with future regulatory requirements, improving resiliency, and meeting the District's sustainability goal;
- Reducing environmental impacts to the San Francisco Bay during wet weather events through reducing inflow and infiltration, maintaining, operating, and constructing facilities to improve wet weather flow management;
- Continuing a regional leadership role to ensure a collaborative, science-based approach to address potential nutrient impairment in San Francisco Bay; and
- Optimizing the Resource Recovery Program to recover energy from wastes.

Department Budget Summary

The department’s projected spending is compared to prior years in the table below.

Wastewater Department Operating Budget Detail

Department Operating Budget Detail and Historical Comparison (\$ Thousands)							
Category	FY 2021	FY 2022	FY 2023	FY 2024		FY 2025	
	Actuals	Actuals	Budget	Budget	% Change	Budget	% Change
Total Labor and Benefits	55,044	58,715	60,389	70,195	16.2%	71,274	1.5%
<i>Less: Capital Labor and Benefits</i>	9,888	10,098	11,162	13,820	23.8%	14,026	1.5%
Operating Labor and Benefits	45,156	48,616	49,227	56,375	14.5%	57,248	1.5%
Contract Services	2,754	4,828	4,909	5,235	6.6%	5,198	-0.7%
Other Costs	28,926	31,143	36,774	44,695	21.5%	48,537	8.6%
Operating Total	76,836	84,587	90,910	106,304	16.9%	110,984	4.4%

Budget Highlights

The department’s operating budget in FY 2024 is increasing \$15.4 million, or 16.9 percent, compared to FY 2023. In FY 2025, the budget will increase \$4.7 million, or 4.4 percent, compared to the first year of the biennial budget. Significant changes include:

FY 2024

Total labor and benefit costs are increasing in FY 2024 as the District will be adding new positions to support critical facilities maintenance, capital projects, the Asset Management Program, and Private Sewer Lateral inspections. Additionally, salary and benefit costs will increase due to inflation-linked wage increases negotiated with labor groups, as well as one additional pay period in the fiscal year compared to most other fiscal years. Contract services are increasing primarily due to electrical services in support of the Electrical Integrity Program, shifting gas conditioning system maintenance from capital to operating, process-critical climate control system maintenance, and laboratory services. Major drivers of other cost increases are chemical and energy price increases.

FY 2025

Total labor and benefit costs will grow slightly in FY 2025 due to expectations for inflation-linked wage increases, offset in part by a decrease in costs due to a standard number of pay periods in the fiscal year. Contract services are decreasing primarily due to on-call support with the power generation station consultant ending in FY 2024 and because programmable logic controller software support renewal costs are due every five years and will be paid in FY 2024. Other cost increases are expected primarily in chemicals, energy, reimbursable expenses to the Water System, and spoils and sludge disposal.

Staffing Summary

The table below summarizes the staffing changes and transfers that have occurred among departments. In FY 2024, there are 14.50 new FTEs, as detailed on the next page. There are no changes in FY 2025.

Wastewater Department Staffing Summary

Department Staffing Summary and Comparison (FTE)							
Position Type	FY 2021	FY 2022	FY 2023	FY 2024	Change	FY 2025	Change
Full-Time	283.00	285.00	286.00	294.00	8.00	294.00	-
Limited-Term / Temp. Const.	5.00	3.00	3.00	9.00	6.00	9.00	-
Intermittent	-	-	-	-	-	-	-
Temporary / Part-Time	0.50	0.50	0.50	1.00	0.50	1.00	-
Total FTE	288.50	288.50	289.50	304.00	14.50	304.00	-

Staffing Changes

The table below summarizes FTE changes. Most changes reflect a growing Wastewater CIP or addressing maintenance backlogs, which includes reducing contracting out for critical maintenance work.

*Wastewater Department Staffing Changes***FY 2024 & FY 2025 Department Staffing Changes**

FY	Board Action	From Classification	From Character	To Classification	To Character	Cost Change*	FTE Change	Purpose, Project or Program
2024	Add			Electrical Technician / Electrical Worker I/II/III	REG	372,489	2.00	Aging infrastructure and reduce contracting out
2024	Add			Power Plant Mechanic / Operator	REG	177,333	1.00	Support improved Operator coverage for power-generating facilities
2024	Add			Assistant Engineer / Junior Engineer	REG	210,698	1.00	Improve capital program planning and asset management
2024	Add			Assistant Engineer / Junior Engineer	REG	210,698	1.00	Support baseline growth in capital plan
2024	Add			Senior Construction Inspector	REG	205,530	1.00	Support baseline growth in capital plan
2024	Add			Engineering Designer I/II	REG	186,245	1.00	Support baseline growth in capital plan
2024	Add			Associate Electrical Engineer	REG	238,466	1.00	Support baseline growth in capital plan
2024	Add			Wastewater Control Inspector I/II	L/T	164,678	1.00	Support potential partnership on private sewer laterals
2024	Add			Facility Specialist II	L/T	160,661	1.00	Aging infrastructure and reduce contracting out
2024	Add			Painter	L/T	156,605	1.00	Aging infrastructure and reduce contracting out
2024	Add			Associate Civil Engineer	T/C	697,905	3.00	Construction management for CIP workload above baseline
2024	Add			Engineering Aide	TEMP	55,439	0.50	Support workforce diversity

Staffing

Appointment Types

The majority of the workforce is comprised of full-time civil service or full-time civil service exempt positions. Limited-term positions are intended to augment regular staff to accomplish extra work or other operational programs or activities of a limited duration, with appointments for a maximum of four years. Temporary construction positions are also of a limited and specified duration typically associated with capital projects. Intermittent positions represent the smallest number of appointment types and typically work 32 hours instead of 40 hours per week. Part-time positions are normally restricted to 832 hours per year. Temporary positions are limited to a 6-month duration and are full-time during that duration.

The table below provides the full-time equivalent (FTE) for the Wastewater department and compares the changes from year-to-year. The FTE value varies by appointment type.

- Full-time, limited-term and temporary construction appointment types equal 1.0 FTE;
- Intermittent appointment types equal 0.75 FTE; and
- Part-time and temporary appointment types equal 0.5 FTE.

Wastewater System Department Staffing Summary

FY 2024 & FY 2025 Department Staffing (FTE)					
Department	FY 2023	FY 2024		FY 2025	
	Budget	Budget	FTE Change	Budget	FTE Change
Wastewater	289.50	304.00	14.50	304.00	-
Total FTE	289.50	304.00	14.50	304.00	-

In FY 2024, a net total of 14.5 FTEs are being added to the Wastewater System. In FY 2025, there are no changes in FTE.

BARGAINING UNIT CHANGES

Tables below show the net change in bargaining unit status of authorized FTEs represented by different unions, management/confidential, non-represented groups, and civil service exempt positions. The tables reflect Board of Directors authorized additions and deletions in FY 2024 and FY 2025 and correspond to the staffing changes table in each department.

FY 2024 vs FY 2023 Wastewater System Department Changes in Bargaining Units

FY 2024 vs FY 2023 Department Net Change in Bargaining Unit Status (FTE)							
Department	Local 2019	Local 444	Local 21	Local 39	MGR / CONF	NRP	EXMPT
Wastewater	9.50	5.00	-	-	-	-	-
Total FTE	9.50	5.00	-	-	-	-	-

FY 2025 vs FY 2024 Wastewater System Department Changes in Bargaining Units

FY 2025 vs FY 2024 Department Net Change in Bargaining Unit Status (FTE)							
Department	Local 2019	Local 444	Local 21	Local 39	MGR / CONF	NRP	EXMPT
Wastewater	-	-	-	-	-	-	-
Total FTE	-	-	-	-	-	-	-



Setting Up Samples for Analysis in the Wastewater Lab

Debt Service and Financing

OVERVIEW

This section describes the Wastewater System's current and projected debt obligations, current credit ratings, and adherence to the District's debt financing policies.

Debt is incurred to finance projects or purchase, repair or replace assets which will have useful lives equal to or greater than the related debt. Issuance of revenue supported debt is authorized by the Board of Directors, subject to a referendum process. Individual revenue bond issues are authorized by the Board of Directors.

The annual debt service principal and interest payments are charged to the operating budget. However, debt is only issued to finance capital investment activities.

OUTSTANDING DEBT

The Wastewater System's total outstanding debt is projected to be \$338.3 million as of June 30, 2023.

Wastewater System Debt Outstanding

Debt Outstanding Projected as of June 30, 2023				
Issue	Date of Issue	Last Maturity	Issued (\$ Thousands)	Outstanding (\$ Thousands)
Long-Term Debt				
Revenue Bonds				
Series 2010B (Build America Bonds)	10/20/2010	6/1/2040	\$ 150,000	\$ 150,000
Series 2014A	8/28/2014	6/1/2030	82,150	36,515
Series 2015A-1	3/3/2015	6/1/2037	54,805	54,805
Series 2015A-2	3/3/2015	6/1/2038	13,565	13,565
Series 2015B	3/3/2015	6/1/2037	2,795	1,440
Series 2017A	6/14/2017	6/1/2045	69,420	48,075
Series 2022A	6/16/2022	6/1/2045	18,140	16,555
Series 2022B	6/16/2022	6/1/2037	17,345	17,345
Total Revenue Bonds			408,220	338,300
% of Total Outstanding Debt				100.0%
Total Long-Term Debt			408,220	338,300
Total Outstanding Debt				338,300

The District plans to issue \$25 million in revenue bonds in FY 2024, which is anticipated to generate \$24.5 million in proceeds to support capital funding after assumed costs of issuance. In FY 2025, the District plans to issue \$30 million in revenue bonds, generating an anticipated \$29.4 million in proceeds after assumed costs of issuance.

DEBT SERVICE

The Wastewater System's total outstanding debt will cost approximately \$178.2 million in interest payments, as detailed in the table below.

Wastewater System Projected Debt Service on Current Debt

Projected Debt Service on Current Outstanding Long-Term Debt (\$ Thousands)			
Fiscal Year	Principal	Interest	Debt Service
2024	14,310	16,905	31,215
2025	14,975	16,194	31,169
2026	15,670	15,450	31,120
2027	14,030	14,669	28,699
2028	14,730	13,971	28,701
2029	15,465	13,238	28,703
2030	16,230	12,477	28,707
2031	17,030	11,673	28,703
2032	17,875	10,828	28,703
2033	18,760	9,944	28,704
2034	19,690	9,010	28,700
2035	20,670	8,033	28,703
2036	21,695	7,007	28,702
2037	22,770	5,931	28,701
2038	24,365	4,801	29,166
2039	26,250	3,546	29,796
2040	27,610	2,187	29,797
2041	2,945	758	3,703
2042	3,080	620	3,700
2043	3,230	476	3,706
2044	3,380	324	3,704
2045	3,540	166	3,706
Total	338,300	178,209	516,509

The debt service in the table is less than the budgeted debt service because the latter includes:

- Payments on new debt issues in FY 2024 and FY 2025; and
- Costs for debt service administration.

DEBT RATINGS

Credit risk is the risk that the issuer of an investment, such as a revenue bond, will not fulfill its payment obligations to the holder of the investment. Credit ratings are assigned to bonds by Nationally Recognized Statistical Credit Rating Organizations based on published methodologies. The ratings reflect the organizations' opinions about the issuer's ability and willingness to meet its financial obligations on time and in full.

The Wastewater System’s strong credit ratings provide tangible benefits to ratepayers in the form of reduced debt service cost. A strong credit rating provides better access to capital markets, lower interest rates, better terms on debt, and access to a greater variety of debt products. Prudent financial management policies have contributed to the Wastewater System’s strong ratings shown in the table below.

Wastewater System Debt Ratings

Wastewater System Debt Ratings			
As of January 1, 2023			
Debt by Type	S&P	Moody's	Fitch
Fixed Rate Revenue Bonds	AAA	Aa1	AA+

Definitions of the District’s fixed rate and long-term debt ratings are shown below.

S&P

An obligation rated 'AAA' has the highest rating assigned by S&P Global Ratings. The obligor’s capacity to meet its financial commitments on the obligation is extremely strong.

Moody’s

Obligations rated ‘Aa’ by Moody’s are judged to be of high quality and are subject to very low credit risk. The modifier 1 indicates that the obligation ranks at the highest end of the ‘Aa’ rating category.

Fitch

The ‘AA’ rating denotes expectations of very low default risk. The rating indicates very strong capacity for payment of financial commitments. This capacity is not significantly vulnerable to foreseeable events. The modifiers "+" or "-" may be appended to a rating to denote relative status within major rating categories.

DEBT MANAGEMENT POLICY

The District is subject to legal debt limits prescribed in the Municipal Utility District (MUD) Act regarding general debt limits, revenue bond limits, and short-term borrowing limits.

The District’s general debt indebtedness cannot exceed the ordinary annual income and revenue of the District without a two-thirds approval of the voters. However, revenue bonds are not included in general debt limits.

The District is authorized to issue revenue bonds with the approval of a resolution from the Board of Directors, subject to a 60-day referendum period. The resolution specifies the maximum principal amount of bonds that may be issued pursuant to the authorization. The Board of Directors also approves individual series of revenue bonds issued under the broader authorization.

The MUD Act authorizes the District to issue short-term indebtedness without an election of the voters. The amount of short-term borrowing cannot exceed the lesser of 1) the annual average total revenue of the three preceding years or 2) 25 percent of the District’s total outstanding bonds. This provision is substantially the same as the District’s internal policy discussed below.

The District has also established its own policy regarding debt management (Policy 4.27 – Debt Management). The purpose of the debt policy is to maintain a balance between current funding sources and debt financing over each five-year plan horizon in order to retain the District's financing flexibility and achieve the lowest cost of financing.

The District's debt management policy is to:

- Maintain an annual revenue bond debt service coverage ratio of at least 1.6 times;
- Limit debt-funded capital to no more than 65 percent of the total capital program over each five-year planning period; and
- Limit commercial paper/variable rate debt to 25 percent of outstanding long-term debt.

DEBT SERVICE COVERAGE RATIO

The debt service coverage policy ensures that the District has sufficient annual operating revenues to pay its operating expenses and meet its debt service obligations on its revenue bonds and other parity debt. The revenue bond debt service coverage ratio is defined as the District's net operating revenue (current year's operating revenue less the current year's operating expenses) divided by the current year's debt service on all revenue bonds and other parity debt. Net revenues are reduced by any Rate Stabilization Fund deposits and increased by any withdrawals. In FY 2024 and FY 2025, the projected debt coverage ratios are 1.98x and 2.06x, respectively.

DEBT-FUNDED CAPITAL

The percentage of the capital program that is funded by debt over the five-year planning period is projected at 51.2 percent, which is below the financial policy maximum target of 65 percent. The debt percentage funding levels for FY 2024 and FY 2025 are shown in the table below.

Wastewater System Debt-Funded Capital

Projected Debt Funding of Capital (\$ Thousands)		
	FY 2024	FY 2025
Expenses		
Capital Cash Flow	46,430	54,774
Capital Support	3,600	3,600
Total Expenses	50,030	58,374
Funding Sources		
New Bond Proceeds	24,500	29,400
Other Sources	25,530	28,974
Total Sources	50,030	58,374
Debt Percentage of Capital Funding	49.0%	50.4%

COMMERCIAL PAPER AND VARIABLE RATE DEBT

As of January 1, 2023, the District no longer has any Wastewater System commercial paper or variable rate debt and does not anticipate issuing any during FY 2024 or FY 2025.

Capital Improvement Program

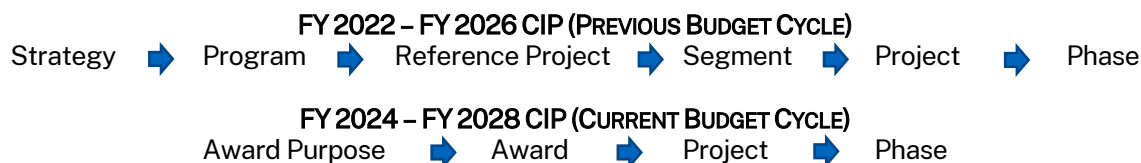
OVERVIEW

CIP Structure

Like the Water System, the Wastewater System’s Capital Improvement Program (CIP) communicates the District’s planned infrastructure investments for the next five years by identifying and prioritizing capital needs. Developed biennially and incorporated into the District-wide budget, the CIP is the District’s opportunity to address new and ongoing capital needs.

For the FY 2024 – FY 2025 budget, the District restructured the organization of the CIP for both systems. The following flow charts and table illustrate the changes to the structure of the District’s capital endeavors.

Capital Improvement Program Organization Flowchart (from highest level to lowest level)



Wastewater System CIP Award Purposes

CIP Award Purposes
Wastewater
Main Wastewater Treatment Plant
Wastewater Remote Facilities
Wastewater System-wide Improvements
Wastewater Contingency

APPROPRIATION AND CASH FLOW OVERVIEW

There are two ways that the District considers the financial planning for the CIP: appropriations and cash flows.

- Capital appropriations are funds approved biennially by the Board to be spent on capital projects. While appropriations are approved biennially, their use may extend over multiple years. Appropriations are controlled at the Award level and vary from year-to-year depending upon the funding needs of the projected work and existing appropriations at the end of the prior year.
- Capital cash flows are a projection of the annual costs of each project over the planning horizon, on a year-by-year basis. Cash flows have typically been reported in the budget for five years, but in the current planning cycle, the District gave additional consideration to the full ten-year cash-flow projection in order to better understand long-term project needs. Staff will continue to work to broaden the planning and reporting horizon to increase transparency of long-term infrastructure needs.

Each of these two concepts will be discussed in further detail throughout this section.

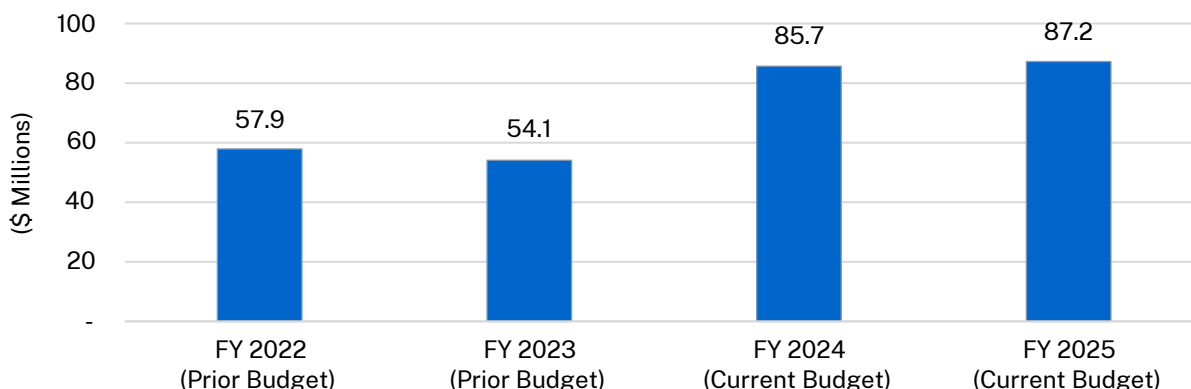
APPROPRIATIONS

Overview

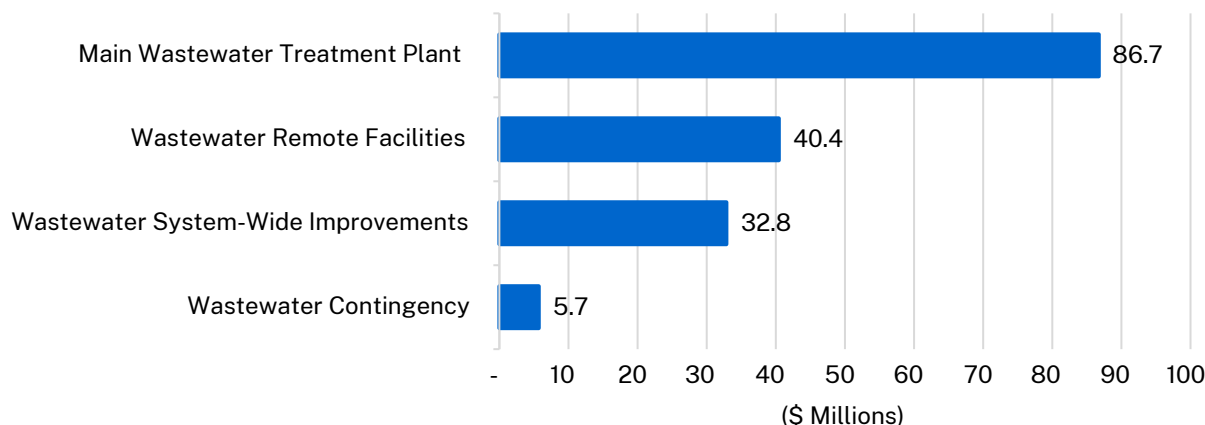
Supported by capital cash flow spending projections, adequate appropriations are necessary to complete the initiatives outlined in the CIP. Since appropriations are often spent over multiple years, the amounts appropriated for each fiscal year will vary depending upon project scope and timing, and any unspent appropriation a project may already have.

The Wastewater System’s FY 2024 capital appropriation will increase by \$31.6 million or 58.4 percent from FY 2023. In FY 2025, appropriations will increase an additional \$1.5 million, or 1.8 percent, from FY 2024. The first year’s increase aligns with the CIP’s increasing size and scope, and is particularly elevated due to multi-year contracts that will be advertised for bid in FY 2024, while the work will be completed in FY 2025 or later. (Appropriations for multi-year contracts are appropriated at once to ensure funds are available when contracts are awarded.) While the second year’s appropriations are nearly flat, the capital work appropriated for FY 2024 will continue into future years. Appropriations are summarized in the two charts below.

Wastewater System Appropriations Four-Year Summary



Wastewater System Appropriations by Award Purpose for FY 2024 & FY 2025



Appropriations shown by Award Purpose excludes Capital Support as it is not for a specific Award Purpose and instead is part of all Award Purposes.

CASH FLOW

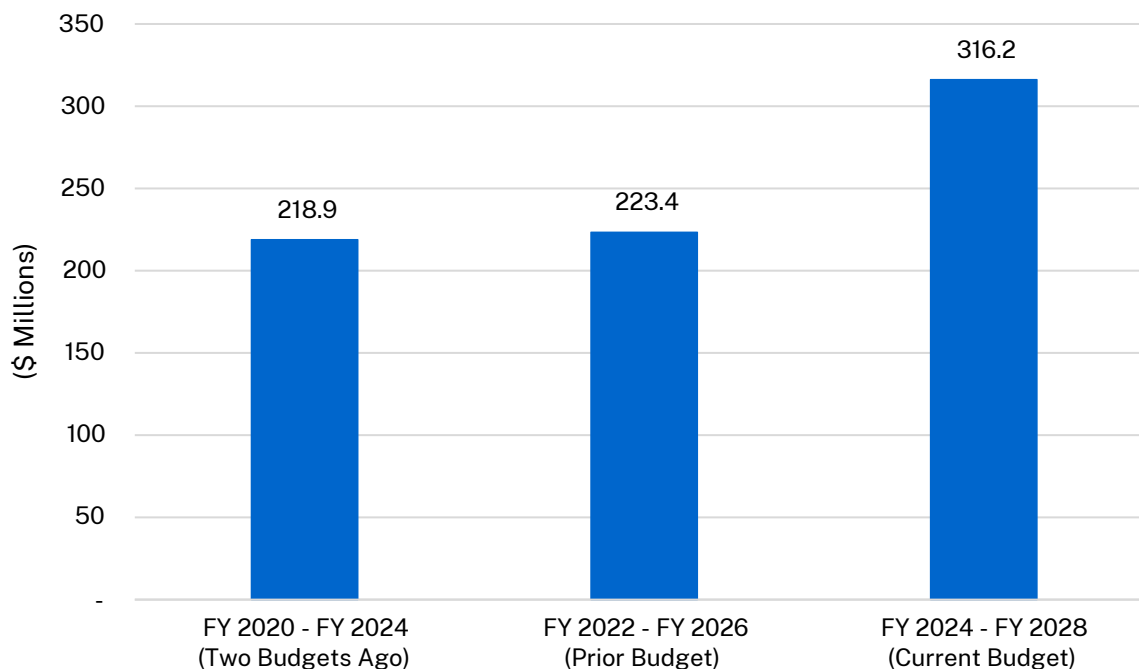
Overview

The FY 2024 – FY 2028 CIP is supported by capital cash flows that incorporate the following changes from previous CIP development processes:

- Cash flows are reported in the budget for five years, but this year there was an increased focus on the full 10-year projection of expenses. Forecasting out-years allows management and project managers to anticipate the funding needs for critical infrastructure initiatives. This is especially true as some key capital work will not be completed in the five-year horizon, so a longer-term scenario allows greater insight into needs. The longer-term outlook for rate increases also becomes clearer by extending the projection window.
- Multiple scenarios, with varied cash flow projections and associated rate increases, were developed to represent a projection of the annual costs of the CIP for long-term projects. This allowed for experimentation in the development phase with different approaches to completing a vast amount of critical infrastructure improvements. In most cases projects were deferred for the proposed CIP, as opposed to changed in their scope or canceled.

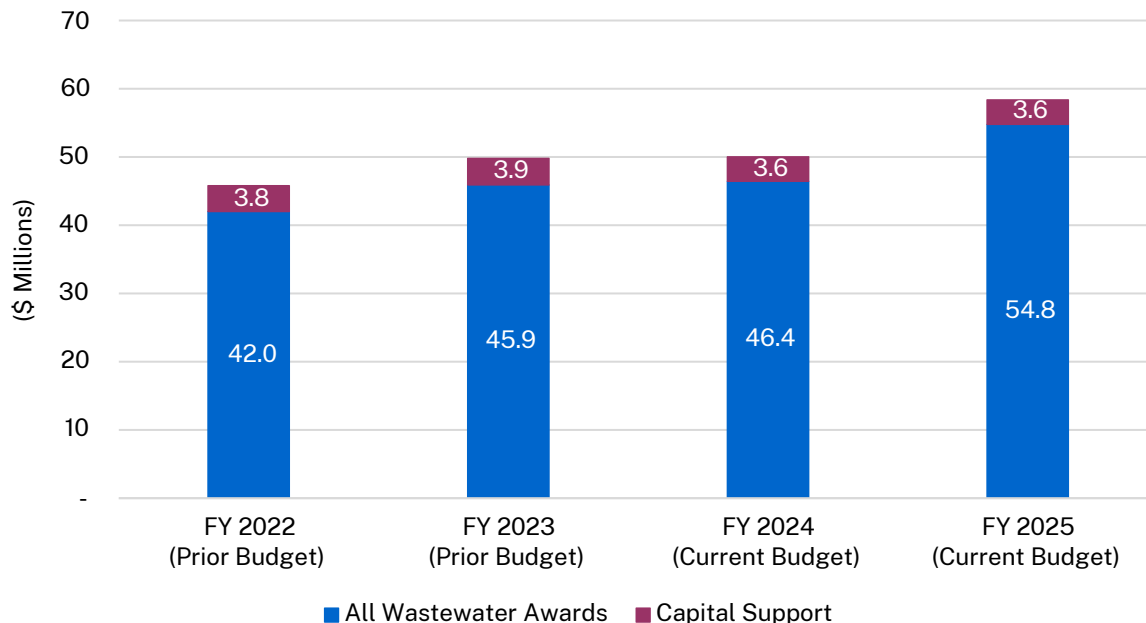
This change is driven by the combination of increasing investments to replace and rehabilitate aging infrastructure, working towards meeting Board-set priorities, and increased labor and construction costs. Capital Support, the indirect costs associated with capital work, is in line with recent expenses at \$3.6 million annually.

Wastewater System Cash Flows Comparison by Budget Cycle / CIP (Excluding Capital Support)



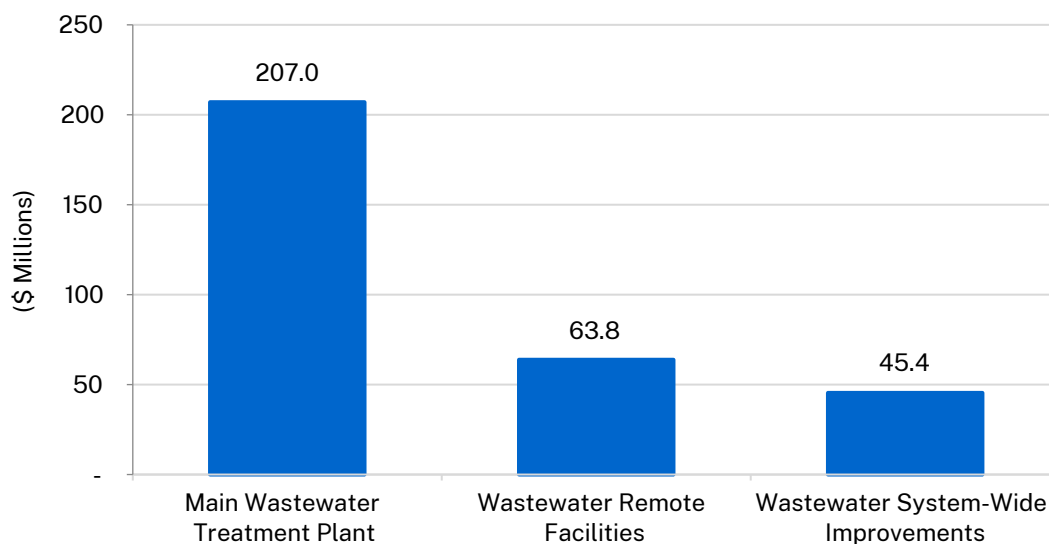
The four-year summary of capital cash flows highlights a 0.5 percent increase in budgeted cash flows from FY 2023 to FY 2024, followed by a 16.7 percent increase in FY 2025.

Wastewater System Budget Cash Flows Four-Year Summary



During the five-year CIP, 65 percent of the planned spending will be for work at the Main Wastewater Treatment Plant, as shown below. More detail on the work under that Award Purpose appears later in this section.

Wastewater System FY 2024 – FY 2028 Cash Flows by Award Purpose



Cash Flow shown by Award Purpose excludes Capital Support as it is not for a specific Award Purpose and instead is part of all Award Purposes.

CAPITAL LABOR

The capital labor component of the Wastewater System’s CIP totals \$13.8 million in FY 2024, an increase of \$2.7 million or 23.8 percent from FY 2023. This is due to an increase in the number of employees, many of whom will be working on the growing CIP. Additionally, salary and benefit costs will increase due to inflation-linked wage increases negotiated with labor groups, as well as one additional pay period in the fiscal year compared to most other fiscal years.

In FY 2025, capital labor is projected to increase to \$14.0 million, for an increase of \$0.2 million or 1.5 percent over FY 2024 due to expectations for inflation-linked wage increases negotiated with labor groups, offset in part by a decrease in costs due to a standard number of pay periods in the fiscal year.

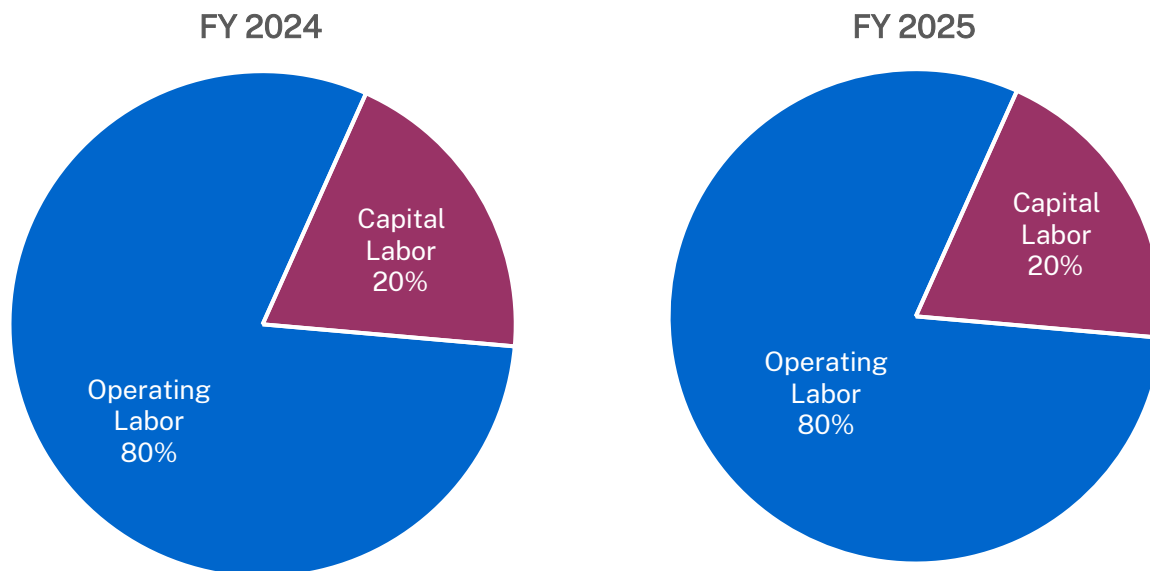
The following table shows the capital labor and benefits budget by department, though the Wastewater System has a single department so all regular labor costs are budget in that department.

Wastewater System Capital Labor Budget by Department

Capital Labor by Department (\$ Thousands)						
	FY 2022 Actuals	FY 2023 Budget	FY 2024		FY 2025	
			Budget	% Change	Budget	% Change
Wastewater	10,098	11,162	13,820	23.8%	14,026	1.5%
Total Department	10,098	11,162	13,820	23.8%	14,026	1.5%

Relative to operating labor, capital labor represents 19.7 percent of the FY 2024 total labor budget, and 19.7 percent of the FY 2025 total labor budget. The following pie charts show the relative size of the capital and operating labor budgets.

Wastewater System Operating and Capital Labor Split



CASH FLOWS AND APPROPRIATIONS BY AWARD PURPOSE

The following section outlines the CIP's capital cash flows and appropriations by award purpose and award. Select projects are discussed in detail to provide a sense of the work that is projected to take place in the following years.

Main Wastewater Treatment Plant

This award purpose furthers the District's objectives to improve the infrastructure at the Main Wastewater Treatment Plant (MWWTP) to ensure reliable, high-quality service. Work focuses on rehabilitating the digesters, concrete structures, and treatment process facilities; upgrading the resource recovery receiving station; rehabilitating sections of the sewer interceptors; and identifying long-term solutions to managing nutrient levels. Of note:

- *Treatment.* Comprised of preliminary, primary, and secondary process, these projects include the development of a modernized oxygen production plant, and secondary reactors and clarifiers critical to secondary treatment, in addition to other improvements.
- *Nutrients.* With new regulations on the horizon in the coming years, the District is already conducting multiple evaluative studies to inform its approach to solutions, and this budget includes the finalization of planning and design, as well as estimated construction and implementation costs for a significant nutrient removal effort.

Main Wastewater Treatment Plant - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Dewatering	Cash Flow	27,473	800	1,978	2,631	5,857	16,207
Dewatering	Approp.	14,082	1,000	13,082			
Digesters	Cash Flow	4,480	4,480	-	-	-	-
Digesters	Approp.	5,600	5,600	-			
Effluent Discharge	Cash Flow	4,999	1,440	824	1,358	1,224	153
Effluent Discharge	Approp.	1,060	-	1,060			
Electricals and Controls	Cash Flow	12,362	3,196	3,148	2,877	2,150	990
Electricals and Controls	Approp.	7,804	6,100	1,704			
Nutrients	Cash Flow	47,451	1,028	3,576	5,355	13,991	23,501
Nutrients	Approp.	14,502	2,270	12,232			
Power Generation and Biogas	Cash Flow	8,013	1,470	1,514	-	1,643	3,386
Power Generation and Biogas	Approp.	3,730	3,730	-			
Preliminary Treatment	Cash Flow	42,083	1,763	6,482	13,891	11,962	7,984
Preliminary Treatment	Approp.	9,494	3,494	6,000			
Primary Treatment	Cash Flow	1,878	-	-	-	96	1,782
Primary Treatment	Approp.	-	-	-			
Resource Recovery	Cash Flow	9,369	2,592	2,794	2,273	1,562	148
Resource Recovery	Approp.	11,527	10,046	1,480			
Secondary Treatment	Cash Flow	37,663	8,772	8,212	5,588	7,521	7,570
Secondary Treatment	Approp.	12,647	9,635	3,012			
Utilities and Sitework	Cash Flow	11,228	2,360	1,641	1,025	2,229	3,973
Utilities and Sitework	Approp.	6,283	4,726	1,557			
Total	Cash Flow	206,999	27,901	30,169	34,998	48,237	65,694
Total	Approp.	86,728	46,601	40,127			

Remote Facilities

This award purpose includes two key initiatives:

- *Interceptors and Pump Stations.* Includes work to rehabilitate five gravity interceptors, as well as force mains and pump stations that convey wastewater from the satellite agencies to the MWWTP, and to improve access to these facilities for maintenance and repairs.
- *Wet Weather Facilities.* Includes conducting mandated work related to the Inflow and Infiltration Program and maintaining the Wet Weather Facilities (WWF) for reliable performance during wet weather events.

Remote Facilities - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Interceptors and Pump Stations	Cash Flow	58,404	8,507	15,572	10,007	9,704	14,614
Interceptors and Pump Stations	Approp.	38,676	5,704	32,972			
Wet Weather Facilities	Cash Flow	5,407	504	613	690	1,352	2,248
Wet Weather Facilities	Approp.	1,757	1,340	417			
Total	Cash Flow	63,811	9,011	16,185	10,697	11,056	16,862
Total	Approp.	40,433	7,044	33,389			

System-Wide Improvements

This award purpose includes work that is vital to wastewater conveyance and treatment, but is not limited to a single treatment process. Tasks include work on buildings that serve multiple treatment processes, the periodic replacement of capital equipment, applying protective coatings plant-wide, replacing hardware and software, and procuring additional vehicles. Two of the larger tasks in this project are the seismic retrofits of the Maintenance Building and the Operations Center, two buildings that are heavily used and were prioritized in the MWWTP seismic evaluation.

System-Wide Improvements - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
General Wastewater	Cash Flow	45,385	9,518	8,419	11,668	8,263	7,517
General Wastewater	Approp.	32,848	25,929	6,919			
Total	Cash Flow	45,385	9,518	8,419	11,668	8,263	7,517
Total	Approp.	32,848	25,929	6,919			

Wastewater Contingency

Contingency provides funding for unanticipated needs that may arise before the next budget cycle, such as replacement or repairs to facilities and equipment as a result of failures or safety deficiencies, and new projects or the acceleration of planned projects requiring funding before the next budget cycle. No contingency funds were appropriated for the Wastewater system in the last budget, and for the FY 2024 – FY 2025 budget, a conservative amount is set aside to accommodate unforeseen circumstances.

Wastewater Contingency - Cash Flows and Appropriations by Award Purpose

FY 2024 - FY 2028 Cash Flows and Appropriation by Award Purpose (\$ Thousands)							
Award Name	Type	Total	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Wastewater Contingency	Cash Flow	-	-	-	-	-	-
Wastewater Contingency	Approp.	5,700	2,500	3,200			
Total	Cash Flow	-	-	-	-	-	-
Total	Approp.	5,700	2,500	3,200			

OPERATING BUDGET IMPACT OF CAPITAL INVESTMENTS

The CIP is unique in that nearly all capital funding is derived from operating revenue and debt; this creates a direct relationship between the operating budget and capital investment: capital investment increases at the expense of revenues and debt, but in many cases decreases operating expenses over time. The FY 2024 – FY 2028 CIP includes several significant nonrecurring capital projects that will affect the operating budget and the services that the District provides. Notable projects and their potential impacts include:

Nutrients

The Nutrients project aims to address anticipated stricter effluent regulations for nitrogen discharged into San Francisco Bay. Multiple studies are underway to evaluate different approaches and scenarios to address mitigation, and the capital budget also includes significant funds for construction-related costs. The end result of this capital improvement will likely result in increased costs to treat wastewater, including the arrival of additional capital assets to maintain.

Multiple Capital Rehabilitations

This CIP includes the rehabilitation of an oxygen production plant, five interceptors, dewatering building, and many other capital assets, many of which are components of the original wastewater system. Each of these offers a combination of benefits to the operating budget: efficient labor management, streamlined technological processes, and reduced risk of failure. In some cases, such as the dewatering building, the existing structure will continue to be used for ancillary purposes, such as thickening secondary solids.

Electricity and Utilities

The Electrical and Controls and Utilities and Site Work projects improve electrical and mechanical systems across facilities, ranging from power distribution and lighting to wash-down, potable water, and drainage. These initiatives invite opportunities to reduce ongoing power and utility expenses, in addition to improving the condition of the system.

Five-Year Financial Forecast

SUMMARY

The five-year financial forecast presents the estimated impact of operations, debt service, and reserve balances on rate projections over the five-year period. This forecast is built using adopted financial policies, Board goals for long-term financial stability, and the necessary capital investments in the FY 2024 – FY 2028 Capital Improvement Program (CIP).

This forecast identifies a series of rate increases for the Wastewater System based on estimated increases in operating and capital expenses to maintain service levels, meet mandated program requirements, and pay increased debt service to fund capital expenditures.

Wastewater System Five-Year Financial Forecast

Five-Year Financial Forecast (\$ Millions)							
	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
	Actuals	Projection	Budget		Forecast		
Beginning Balance	-	-	102.4	106.4	111.5	116.3	120.9
Treatment Charges	83.0	87.6	93.2	101.8	108.8	115.7	123.0
Wet Weather Facilities Charges	29.4	30.9	33.4	36.2	38.5	40.8	43.3
Resource Recovery	13.7	13.0	11.0	10.0	9.0	8.0	7.0
Property Taxes	7.4	7.4	7.5	7.7	7.8	8.0	8.2
Interest Income	0.2	2.5	3.1	3.2	2.3	2.3	2.4
Laboratory Services	4.7	4.8	4.9	5.0	5.2	5.4	5.5
Reimbursements	1.9	1.8	1.8	1.9	1.9	2.0	2.0
Permit Fees	1.6	1.6	1.7	1.7	1.7	1.7	1.7
Capacity Charges	6.4	6.0	3.5	3.6	3.7	3.9	4.0
All Other Revenue	6.5	6.3	6.2	6.2	6.2	6.2	6.2
Total Revenues	154.9	161.9	166.2	177.3	185.1	194.0	203.3
Operating Expenses	81.0	95.7	103.7	108.5	112.0	115.8	119.8
Debt Service	30.3	39.3	32.9	34.8	36.7	36.5	40.1
Capital Expenses	41.7	47.9	50.0	58.4	61.1	71.4	94.0
Total Expenses	153.0	182.8	186.6	201.6	209.7	223.7	253.9
Debt Proceeds	20.0	-	24.5	29.4	29.4	34.3	53.9
Reimbursements	-	-	-	-	-	-	-
Other Capital Revenue	-	-	-	-	-	-	-
Ending Balance	-	-	106.4	111.5	116.3	120.9	124.2
Policy Reserves	-	-	59.9	61.3	62.1	63.1	64.1
Capital Reserves	-	-	46.6	50.3	54.2	57.8	60.1

On average over the five-year period, revenues are forecast to increase 5.2 percent per year to cover the increases in operating and capital expenses and maintain a minimum of 1.6 times coverage on revenue bond debt service. Forecasted operating expenses are expected to grow by 3.7 percent per year over the five-year period, while debt service grows 5.1 percent per year.

For all five years, the cash reserves exceed the targets. Reserves in excess of those needed to meet financial reserve targets are available to pay for a significant portion of the capital program expenses with cash, a positive financial metric.

Capital cash flow spending, including capital support, is projected at \$334.9 billion over the five-year period, including capital support expenses. Major projects during this period include upgrades and rehabilitation of the Main Wastewater Treatment Plant, major work to replace aging interceptors prone to failure, and significant work to support a long-term plan for nutrients.

The projected average percentage of capital funded from debt will be 51.6 percent over the five-year period, which remains lower than the financial policy target maximum of 65 percent. In FY 2024 and FY 2025, the debt coverage ratio is projected at 1.98 and 2.06, respectively, and for all five years the ratio exceeds the target coverage ratio of 1.60.

FIVE-YEAR PROJECTION OF REVENUE

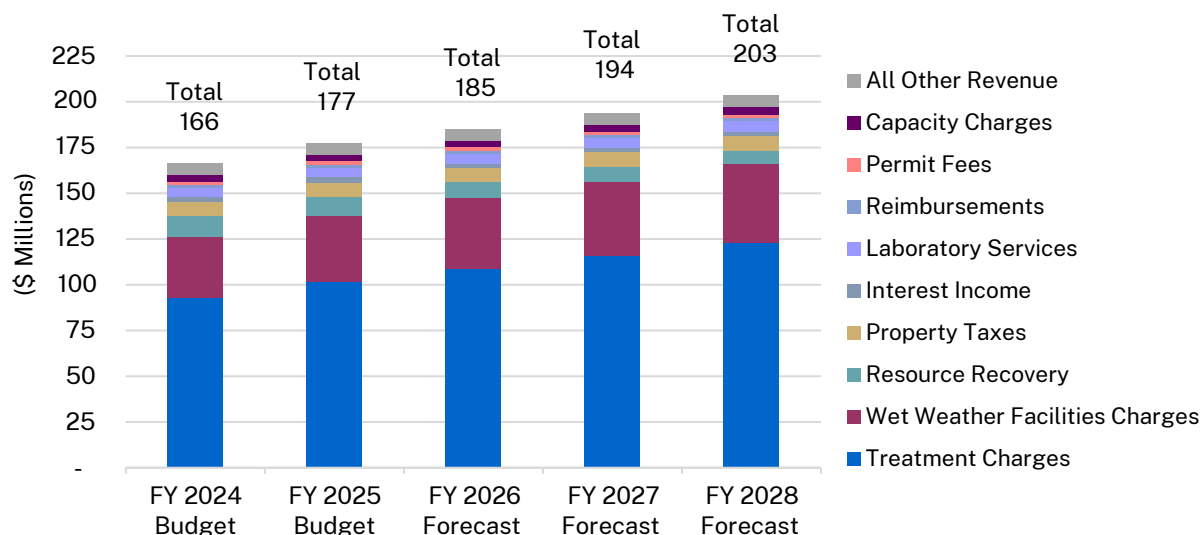
The following table shows the key assumptions used to create the revenue forecast. The debt service coverage ratio is projected to exceed the policy target of 1.60 by over 20 percent every year.

Wastewater System Key Assumptions in Five-Year Forecast

Key Assumptions							
	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
	Actuals	Budget	Budget		Forecast		
% Rate Increase	4.00%	4.00%	8.50%	8.50%	6.00%	6.00%	6.00%
Average Monthly Single-Family Residential Bill*	\$ 23.91	\$24.89	\$ 26.98	\$ 29.24	\$30.98	\$32.83	\$34.79
Debt Service Coverage	2.63x	2.13x	1.98x	2.06x	2.07x	2.23x	2.16x

The key factors driving the need for increased Wastewater System revenues are: investments in aging infrastructure and building a more resilient wastewater system; increasing labor and benefit costs to keep up with inflation; and inflation on non-labor costs, such as energy and chemicals.

Wastewater System Five-Year Revenue Projection



Projected annual operating revenues are expected to increase from \$166.2 million in FY 2024 to \$203.3 million by FY 2028, an increase of \$37.1 million, or 5.2 percent compounded growth per year. The increase in revenue over the five-year period is to cover increased revenue-funding for capital projects, increased debt service requirements to pay for debt issued to fund capital, and increased costs in operations and maintenance.

The major components of the increases in operating revenue over the five-year period are revenue from Treatment Charges, which is projected to increase from \$93.2 million in FY 2024 to \$123.0 million in FY 2028 based on the wastewater rate increases shown on the prior page. Wet Weather Facilities Charges are projected to grow by \$9.9 million, and most other sources will grow by 3 percent or less per year. Resource Recovery is expected to decline from a budget of \$11.0 million in FY 2024, to \$7.0 million by FY 2028, driven by changes in regulations and potential adjustments to the program.

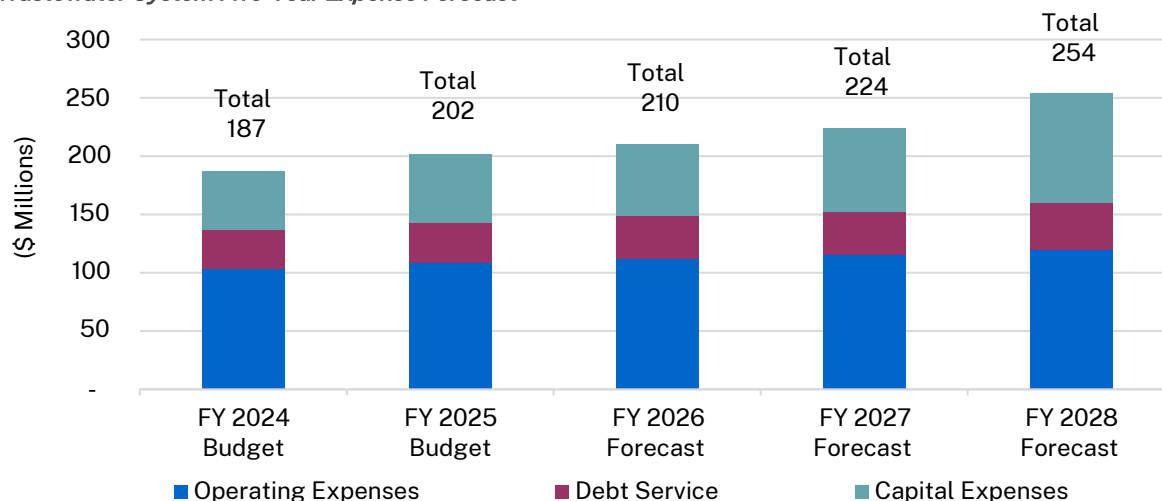
FIVE-YEAR PROJECTION OF TOTAL EXPENSES

Wastewater System expenses are projected to increase from \$186.6 million in FY 2024 to \$253.9 million in FY 2028, an increase of 8.0 percent per year. This is primarily driven by 17.1 percent annual growth in capital expenses – from \$50.0 million to \$94.0 million by FY 2028 – driven by the need significantly increase reinvestment in the aging Main Wastewater Treatment Plant infrastructure.

Debt service is expected to grow by a compounded 5.1 percent per year, to \$40.1 million in FY 2028. Operating expenses are projected to have more modest growth of 3.7 percent per year, from \$103.7 million to \$119.8 million, reflecting typical inflationary trends in major costs, including labor.

This chart summarizes projected Wastewater System budget by category for the next five years.

Wastewater System Five-Year Expense Forecast



FIVE-YEAR PROJECTION OF RESERVES

Reserves consist of:

- Working capital reserves equal to three months operating and maintenance expenses;
- Self-Insured Liability reserve based on the actuarial Self-Insured Retention (SIR) funding recommendation;
- Workers' Compensation reserve based on the actuarial SIR funding recommendation; and
- Rate stabilization reserve of a minimum of 5 percent of operating and maintenance expenses.

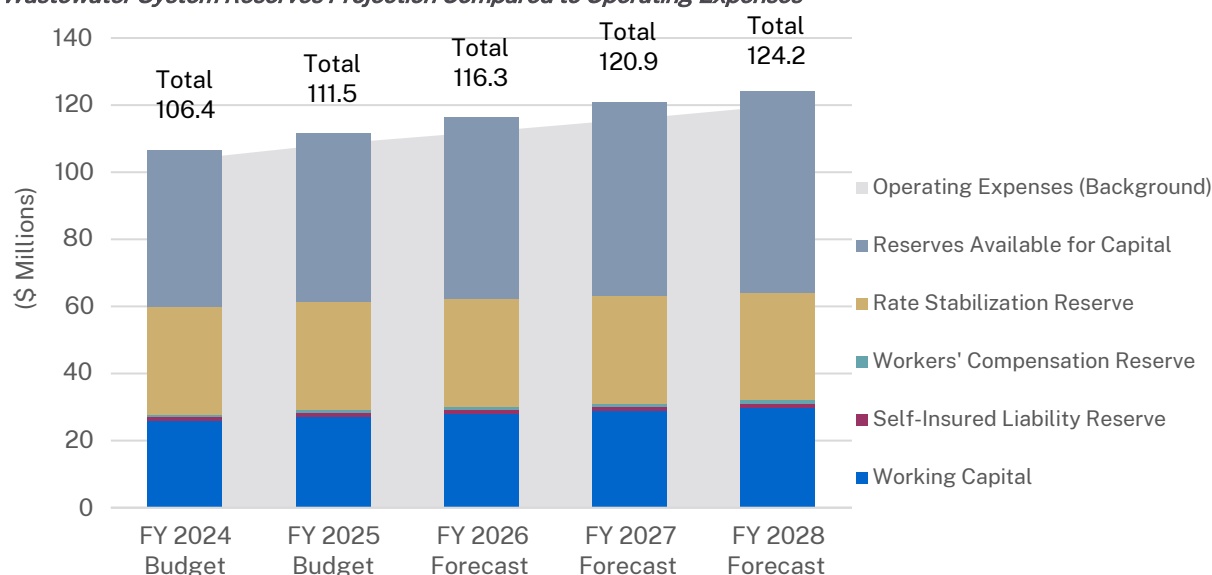
The table below shows the changes to reserve components over the five-year period. Reserve balances meet or exceed the policy reserve levels for the entire period.

Wastewater System Five-Year Projection of Reserves

Reserve Components (\$ Millions)					
	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
	Budget		Forecast		
Total Reserves	106.4	111.5	116.3	120.9	124.2
Policy Reserves					
Working Capital	25.9	27.1	28.0	28.9	30.0
Self-Insured Liability Reserve	1.0	1.2	1.2	1.2	1.2
Workers' Compensation Reserve	0.9	0.9	0.9	0.9	0.9
Rate Stabilization Reserve	32.0	32.0	32.0	32.0	32.0
Total Policy Reserves	59.9	61.3	62.1	63.1	64.1
Reserves Available for Capital	46.6	50.3	54.2	57.8	60.1

The following chart shows Wastewater System reserve levels projected at the end of each fiscal year, relative to operating expenses in the background.

Wastewater System Reserves Projection Compared to Operating Expenses



CAPITAL INVESTMENTS AND FINANCING

The Five-Year CIP outlines Wastewater System capital investment plans, the estimated cost of these investments, and the sources of funds. Appropriations reflect the amount that is authorized and budgeted over a multi-year period for each program. Cash flows are the amounts estimated to be spent on each program in a given year. The five-year program for the Wastewater System includes \$334.9 million in projected cash flow spending, inclusive of capital support expenses.

The focus of the CIP is the five-year period from FY 2024 to FY 2028. Capital needs have been estimated for a second five-year period from FY 2029 to FY 2033. Given the long-term nature of these capital improvement plans, by necessity they are preliminary estimates only and will be revised as studies are completed, priorities are redefined, and as new needs emerge. Therefore, the budget focuses on the first five years of the CIP. The following table shows the cash flow spending on capital improvements anticipated for the next five years.

Wastewater System Five-Year Capital Cash Flows by Award Purposes, Including Capital Support

Capital Expenses (\$ Millions)					
Award Purpose & Capital Support	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
	Budget		Forecast		
Main Wastewater Treatment Plant	27.9	30.2	35.0	48.2	65.7
Remote Facilities	9.0	16.2	10.7	11.1	16.9
System-Wide Improvements	9.5	8.4	11.7	8.3	7.5
Capital Support	3.6	3.6	3.7	3.8	3.9
Total Capital Expenses	50.0	58.4	61.1	71.4	94.0

Funding for the CIP is drawn from the proceeds of revenue bond issues and current reserves and revenues. Over the five-year period, the percentage of capital funded from debt will average 51.6 percent, under the target maximum of 65 percent contained in the District's debt policy, and debt service will grow by 5.1 percent per year. Wastewater System total outstanding debt will increase \$93.9 million during the period. Total debt outstanding at the end of the five-year period will total \$432.2 billion.

Projected new bond issues, outstanding debt, debt service, and projected debt service coverage ratios are shown in the following table. Coverage will remain above the policy target of 1.60x.

Wastewater System Five-Year Debt Projections

Outstanding Debt and Debt Service (\$ Millions)					
	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
	Budget		Forecast		
Beginning of Year Outstanding Debt	338.3	348.6	362.8	375.8	394.8
Debt Retired	14.7	15.8	17.0	16.0	17.6
New Bonds & Loans	25.0	30.0	30.0	35.0	55.0
Total Outstanding Debt	348.6	362.8	375.8	394.8	432.2
Debt Service, Existing Debt	31.2	31.2	31.1	28.7	28.7
Debt Service, New Debt	1.6	3.6	5.5	7.8	11.4
Debt Servicing Costs	0.0	0.0	0.0	0.0	0.0
Total Debt Service	32.9	34.8	36.7	36.5	40.1
Debt Service Coverage	1.98x	2.06x	2.07x	2.23x	2.16x

EBMUD Fun Fact:

EBMUD staff perform about 20,000 lab tests each year.
That is nearly 55 lab tests for every day in the year.

Appendix

Index of Tables and Charts

Summary of Rate Increases and Average Bill Impacts.....	6
FY 2024 & FY 2025 Appropriations Summary and Comparison to FY 2023.....	7
FY 2024 & FY 2025 Appropriations Summary and Comparison to FY 2023	8
Water System Major Capital Focus Areas	10
Wastewater System Major Capital Focus Areas	11
Water Charges for Single-Family Residential Bills.....	13
Water Charges for Multi-Family Residential (MFR) Bills.....	13
Wastewater Charges on the Water Bill, including Multi-Family Residential (MFR).....	14
Wastewater Wet Weather Facilities Charge on Property Tax Bill.....	14
District Service Area Map	17
Population Statistics for Counties and Major Cities in the District’s Service Area.....	18
Population Growth Trends from 1990 to 2022	18
Map Showing Water Supply from Mokelumne River Watershed to the San Francisco Bay	20
Map of District Service Area and Board of Directors Ward Boundaries	22
Structure of Funds, Including Proprietary Funds and Fiduciary Funds	32
Revenue and Expenses on a Budgetary Basis Compared to Accounting Basis.....	33
Capital Improvement Program Organization Flowchart (from highest level to lowest level)	41
Capital Improvement Program Structural Changes	41
Appropriations Summary for Water and Wastewater Systems.....	45
Appropriations by Category	45
Appropriations By System.....	45
Appropriations by Service Provided	46
District-Wide Operating Appropriations by Department.....	47
District-Wide Debt Service and Planned Bond Issuance.....	48
Planned Capital Appropriations by Fund.....	49
District-Wide CIP Award Purposes	50
Water & Wastewater Systems Capital Cash Flows	50
Staffing Summary and Comparison FY 2021 to FY 2025 by FTE Count.....	51
District-Wide Labor and Benefit Costs for Operations and Capital	52
District-Wide Labor and Benefit Costs by Operations and Capital.....	53
Employer Contribution Rates to District’s Retirement System Based on Plan	53
Percent of FY 2024 & FY 2025 Combined Water System Revenue from Major Sources.....	54
Total Water System Revenues from FY 2022 to FY 2025.....	54
Percent of FY 2024 & FY 2025 Combined Wastewater System Revenue from Major Sources.....	55
Total Wastewater System Revenues from FY 2022 to FY 2025.....	55
Water System Fund Summary	56
Water System Sources and Uses of Funds (Waterfall Charts)	56
Wastewater System Fund Summary	57
Wastewater System Sources and Uses of Funds (Waterfall Charts)	57
Water System Key Assumptions	59
Water System Detailed Fund Summary – Sources & Uses.....	60
Water System Detailed Revenue Summary	61
Water System Operating Revenue Components – Combined FY 2024 & FY 2025.....	62
Water Charges Details (Monthly Service, Volume and Elevation).....	63
Water System Use of Funds FY 2021 to FY 2025.....	66
Water System Use of Funds for Operations and Debt Service	66
Water System Staffed and Non-Staffed Department Operating Budgets.....	67
All Water System Departments Operating Budget Details.....	68
Water System Staffed Department Operating Expenses by Budget Category	70

Administration Department Operating Budget Detail72

Administration Department Staffing Summary72

Customer and Community Services Department Operating Budget Detail.....74

Customer and Community Services Department Staffing Summary.....74

Customer and Community Services Department Staffing Changes75

Engineering and Construction Department Operating Budget Detail.....77

Engineering and Construction Department Staffing Summary78

Engineering and Construction Department Staffing Changes (Part 1).....78

Engineering and Construction Department Staffing Changes (Part 2).....79

Finance Department Operating Budget Detail.....81

Finance Department Staffing Summary81

Finance Department Staffing Changes.....82

Human Resources Department Operating Budget Detail.....84

Human Resources Department Staffing Summary84

Human Resources Department Staffing Changes.....85

Information Systems Department Operating Budget Detail.....87

Information Systems Department Staffing Summary88

Information Systems Department Staffing Changes88

Maintenance and Construction Department Budget Table.....90

Maintenance and Construction Department Staffing Summary90

Maintenance and Construction Department Staffing Changes91

Natural Resources Department Operating Budget Detail94

Natural Resources Department Staffing Summary94

Office of the General Counsel Operating Budget Detail.....96

Office of the General Counsel Staffing Summary96

Office of the General Manager Operating Budget Detail98

Office of the General Manager Staffing Summary99

Office of the General Manager Staffing Changes.....99

Operations and Maintenance Support Department Operating Budget Detail.....101

Operations and Maintenance Support Department Staffing Summary102

Operations and Maintenance Support Department Staffing Changes.....102

Water Operations Department Operating Budget Detail.....104

Water Operations Department Operating Staffing Summary.....105

Water Operations Department Operating Staffing Changes105

Water Recycling Program Operating Budget Detail.....107

Water Recycling Program Staffing Summary.....107

Water Resources Department Operating Budget Detail.....109

Water Resources Department Staffing Summary.....109

Water System Department Staffing Summary110

FY 2024 vs FY 2023 Water System Department Changes in Bargaining Units111

FY 2025 vs FY 2024 Water System Department Changes in Bargaining Units111

Water System Debt Outstanding113

Water System Projected Debt Service on Current Debt114

Water System Debt Ratings115

Water System Debt Funded Capital.....117

Capital Improvement Program Organization Flowchart (from highest level to lowest level)118

Water System CIP Award Purposes118

Water System Appropriations Current Budget Compared to Prior Budget (by Fiscal Year).....119

Water System FY 2024 & FY 2025 Appropriations by Award Purpose120

Water System Cash Flows Comparison by Budget Cycle / CIP (Excluding Capital Support)121

Water System Cash Flows Four-Year Summary122

Water System FY 2024 – FY 2028 Cash Flows by Award Purpose123

Water System Capital Labor Budget by Department124

Water System Operating and Capital Labor Split.....124

District-Wide Building Facility Improvements - Cash Flows and Appropriations by Award Purpose.....125

Environmental Resources & Remediation - Cash Flows and Appropriations by Award Purpose.....126

New Business Infrastructure - Cash Flows and Appropriations by Award Purpose126

Pipelines – Distribution - Cash Flows and Appropriations by Award Purpose.....127

Pipelines – Transmission - Cash Flows and Appropriations by Award Purpose127

Pressure Zone Studies - Cash Flows and Appropriations by Award Purpose128

Process & System-Wide Improvements - Cash Flows and Appropriations by Award Purpose129

Pumping Plants - Cash Flows and Appropriations by Award Purpose.....130

Raw Water System - Cash Flows and Appropriations by Award Purpose130

Recreation Areas & Facilities - Cash Flows and Appropriations by Award Purpose.....131

Regulators & Rate Control Stations - Cash Flows and Appropriations by Award Purpose.....131

Reservoirs – Distribution - Cash Flows and Appropriations by Award Purpose132

Reservoirs – Supply - Cash Flows and Appropriations by Award Purpose132

Supplemental Supply, Regional Agreements - Cash Flows and Appropriations by Award Purpose133

Sustainable Energy - Cash Flows and Appropriations by Award Purpose.....133

Vehicles, Equipment & Related Facilities - Cash Flows and Appropriations by Award Purpose134

Water Recycling & Conservation - Cash Flows and Appropriations by Award Purpose.....134

Water Treatment - Cash Flows and Appropriations by Award Purpose.....135

Water Contingency - Cash Flows and Appropriations by Award Purpose135

Water System Five-Year Financial Forecast.....136

Water System Key Assumptions in Five-Year Forecast.....137

Water System Five-Year Revenue Projection.....137

Water System Five-Year Expense Forecast.....138

Water System Five-Year Projection of Reserves.....139

Water System Reserves Projection Compared to Operating Expenses139

Water System Five-Year Capital Cash Flows by Award Purposes, Including Capital Support140

Water System Five-Year Debt Projections.....141

Wastewater System Key Assumptions143

Wastewater System Detailed Fund Summary – Sources & Uses.....144

Wastewater System Detailed Revenue Summary.....145

Wastewater System Operating Revenue Components – Combined FY 2024 & FY 2025146

Wastewater System Use of Funds FY 2021 to FY 2025.....150

Wastewater System Use of Funds for Operations and Debt Service150

Wastewater System Staffed and Non-Staffed Department Operating Budgets151

Wastewater System Staffed Department Budget Detail152

Wastewater System Staffed Department Operations by Category153

Wastewater Department Operating Budget Detail.....155

Wastewater Department Staffing Summary155

Wastewater Department Staffing Changes156

Wastewater System Department Staffing Summary.....157

FY 2024 vs FY 2023 Wastewater System Department Changes in Bargaining Units.....158

FY 2025 vs FY 2024 Wastewater System Department Changes in Bargaining Units.....158

Wastewater System Debt Outstanding.....159

Wastewater System Projected Debt Service on Current Debt160

Wastewater System Debt Ratings161

Wastewater System Debt-Funded Capital162

Capital Improvement Program Organization Flowchart (from highest level to lowest level)163

Wastewater System CIP Award Purposes.....163

Wastewater System Appropriations Four-Year Summary164

Wastewater System Appropriations by Award Purpose for FY 2024 & FY 2025164

Wastewater System Cash Flows Comparison by Budget Cycle / CIP (Excluding Capital Support)165

Wastewater System Budget Cash Flows Four-Year Summary166

Wastewater System FY 2024 – FY 2028 Cash Flows by Award Purpose166

Wastewater System Capital Labor Budget by Department167

Wastewater System Operating and Capital Labor Split.....167

Main Wastewater Treatment Plant - Cash Flows and Appropriations by Award Purpose168

Remote Facilities - Cash Flows and Appropriations by Award Purpose.....	169
System-Wide Improvements - Cash Flows and Appropriations by Award Purpose	169
Wastewater Contingency - Cash Flows and Appropriations by Award Purpose.....	169
Wastewater System Five-Year Financial Forecast.....	171
Wastewater System Key Assumptions in Five-Year Forecast.....	172
Wastewater System Five-Year Revenue Projection.....	172
Wastewater System Five-Year Expense Forecast.....	173
Wastewater System Five-Year Projection of Reserves.....	174
Wastewater System Reserves Projection Compared to Operating Expenses	174
Wastewater System Five-Year Capital Cash Flows by Award Purposes, Including Capital Support.....	175
Wastewater System Five-Year Debt Projections.....	175

Index of Photos

Pardee Dam, 1929.....	5
EBMUD Seal on the Administration Building.....	15
Chinook Salmon Returns Home to the Mokelumne River.....	19
Infrastructure Investments, Including Larkey Reservoir, Ensure Water Quality	19
Freeport Water Project – Sacramento, CA	20
Wastewater Treatment Plant – Oakland, CA.....	21
Water Quality Inspectors Protect Public Health	24
Administration Building – Oakland, CA.....	26
Wastewater System Bond.....	35
Leak Detection Reduces Water Loss.....	43
Pumping Plant Construction	49
Staff Repair and Replace Water Mains	53
Water System Staff Work to Deliver High-Quality Water to East Bay Homes and Businesses.....	59
Mokelumne Watershed Snow	59
Recycled Water in Purple Pipes Provides an Important Source of Non-Potable Water	61
Water Conservation Messages Are Shared in English, Spanish and Chinese During the Drought.....	71
Water Development Bond.....	112
Photovoltaic Systems Offset Energy Use at District Facilities	122
Old 1890-Style Fire Hydrant.....	128
Current Model-64 Fire Hydrants.....	128
Lab Techs Perform Sample Extraction.....	143
Main Wastewater Treatment Plant – Oakland, CA.....	143
Setting Up Samples for Analysis in the Wastewater Lab.....	158

Proposed Biennial Budget

Fiscal Years 2024 & 2025

Volume 2: Capital Award Summaries



**East Bay Municipal Utility District
Oakland, California**

East Bay Municipal Utility District Proposed Biennial Budget Fiscal Years 2024 & 2025

Volume 1: **Overview**
 Water System
 Wastewater System

Volume 2: **Capital Award Summaries**

**Presented to the Board of Directors
March 28, 2023**

EBMUD Fact:

The Claremont Tunnel, which carries drinking water to more than 800,000 EBMUD customers, underwent a major upgrade in the mid 2000s to protect it from earthquakes.

Overview of Volume 2

About Capital Award Summaries

This volume contains a summary for each Award that has work planned in Fiscal Year 2024 (FY 2024) through Fiscal Year 2028 (FY 2028), which is the five-year horizon for the District’s published Capital Improvement Program (CIP). Throughout this book, Award and Project may be used interchangeably, though internally, Projects are components or subdivisions of Awards.

Award Summaries

The award summaries are presented in alphabetical order, first by Award Purpose and then by Award Name. The primary information provided is:

- **Award Purpose:** Groups Awards together, primarily as an organizational tool, often around major asset classes or key strategies. Examples include Pipelines - Distribution System, Raw Water System, and Sustainable Energy.
- **Award Number:** Supports public and internal reference, as the Award Number is part of Board documents, including when capital contracts are approved.
- **Award Name:** Provides the name of the Award, typically without abbreviations or initialisms.
- **Lead Department:** Indicates which Department is primarily responsible for the project.
- **In Service Date:** Provides either the expected completion date of the Award or indicates it is a recurring project, which are projects that perform similar work each year for the foreseeable future, such as Meter Replacements.
- **Cash Flow:** Planned direct expenses each year, including both District labor and benefit costs that directly support the Award, as well as payments to external vendors for materials, supplies or services.
- **Appropriation:** Amount of expenditure requested for Board approval in both FY 2024 and FY 2025.
- **Funding Sources:** Funding is drawn from multiple sources, though Bond or Revenue funding is the single largest source.

ABOUT THE TABLE OF CONTENTS

Below is a visual guide to reading the Table of Contents. Also note that at the end of each system’s section of this volume, there are two indexes – one for Awards sorted by award number, and another for Awards sorted by award name.

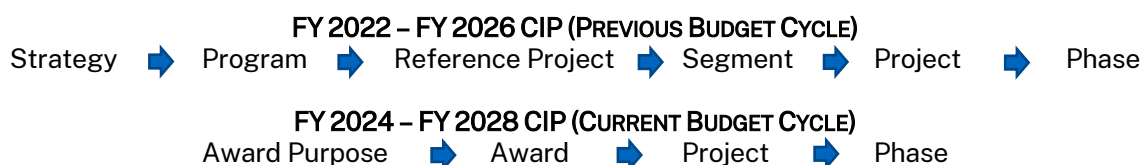
Award Purposes	District-Wide Building Facility Improvements.....	11
	Arc Flash, Mitigation, Project Management.....	11
Awards	Building Facilities Improvements	12
	Facilities Cathodic Protection	13

CIP Structure

The Capital Improvement Program (CIP), an iterative process that involves the Office of Budget and Performance, project managers and Senior Management staff, communicates the District’s planned infrastructure investments for the next five years by identifying and prioritizing capital needs. Developed biennially and incorporated into the District-wide budget, the CIP is the District’s opportunity to address new and ongoing capital needs.

For the FY 2024 and FY 2025 budget, the District restructured the organization of the CIP. The following flow charts and table illustrate the changes to the structure of the District’s capital work.

Capital Improvement Program Organization Flowchart (from highest level to lowest level)



Under this new structure, the top organizing feature are considered the Award Purposes, which are a group of related Awards, combined to facilitate planning, reporting and decision-making.

APPROPRIATION AND CASH FLOW OVERVIEW

There are two ways that the District considers the financial planning for the CIP: appropriations and cash flows.

- Capital appropriations are funds approved biennially by the Board to be spent on capital projects. Appropriation authority may be less than planned cash flow in some years as there may be existing appropriation authority from prior budget cycles; this is the case for several Awards this year, particularly those with relatively low cash flows. On the other hand, appropriation authority may exceed planned cash flows if there is an expectation that construction or other primary implementation phases will begin in the FY 2024 or FY 2025 budget, as it is typically necessary to ensure full appropriation authority is provided for a contract before it can be approved. Additionally, cash flows may be lower than appropriations to ensure sufficient expenditure authority if actual expenses exceed planned expenses. Appropriations are controlled at the Award level and vary from year-to-year depending upon the funding needs of the projected work and existing appropriations at the end of the prior year.
- Capital cash flows are a projection of the annual costs of each project over the planning horizon, on a year-by-year basis. Cash flows have typically been reported in the budget for five years, but in the current planning cycle, the District is considering the full ten-year cash-flow projection in order to understand long-term project needs. Staff will continue to broaden the planning and reporting horizon to increase transparency of long-term infrastructure needs.

Table of Contents

- Overview of Volume 23
 - About Capital Award Summaries3
 - CIP Structure4
 - Appropriation and Cash Flow Overview4
- Water System9
 - Appropriations Overview9
 - Cash Flow Overview10
 - District-Wide Building Facility Improvements.....11
 - Arc Flash, Mitigation, Project Management11
 - Building Facilities Improvements.....12
 - Facilities Cathodic Protection13
 - Facility Paving14
 - Minor Facilities Work15
 - Mokelumne Watershed Headquarters.....16
 - Mokelumne Watershed Headquarters – Phase 2.....17
 - Orinda Watershed Headquarters.....18
 - Small Capital Improvements.....19
 - Environmental Resources & Remediation20
 - East Bay Watershed Management.....20
 - Mine Restorations21
 - Mokelumne River Fish Hatchery22
 - Mokelumne Watershed Management23
 - River and Watershed.....24
 - Trench Soils Management25
 - Upcountry Wastewater Treatment Improvements.....26
 - New Business Infrastructure27
 - Hydrants Installed by District Forces27
 - New Service Installations28
 - Pipeline System Extensions29
 - Pipelines - Distribution System30
 - Annual Appurtenance Work.....30
 - Distribution System Cathodic Protection.....31
 - Pipeline Rebuild.....32
 - Pipeline Relocations.....33
 - Pipeline System Improvements.....34
 - Service Lateral Replacements.....35
 - Pipelines - Transmission36

Aqueduct Cathodic Protection.....	36
Large Diameter Pipelines.....	37
Transmission Main Cathodic Protection.....	38
Pressure Zone Studies	39
Delta Tunnel.....	39
Distribution System Upgrades	40
Miscellaneous Planning Studies	41
Pressure Zone Improvements.....	42
West of Hills Master Plan.....	43
Process & System-Wide Improvements.....	44
Data & Telecom Infrastructure	44
Engineering IT.....	45
Equipment Replacement Fund: Current Data Security Standard (DSS), Server & Network Equipment.....	46
Equipment Replacement Fund: Current PCs, Desktops, Laptops	47
Equipment Replacement Fund: Purchases for Copiers.....	48
Equipment Replacement Fund: Smoothing Data Security Standard (DSS), Server & Network Equipment.....	49
Equipment Replacement Fund: Smoothing PCs, Desktops, Laptops	50
HRIS Replacement	51
Op/Net System Improvements.....	52
Planned Meter Replacements.....	53
Security Improvements	54
Water Loss Control.....	55
Work Management Systems Replacement	56
Pumping Plant Rehabilitation	57
Raw Water System.....	58
Mokelumne Aqueducts Number 2 & 3 Relining.....	58
Mokelumne Aqueducts Recoating.....	59
Raw Water Infrastructure.....	60
Raw Water Aqueduct Improvements.....	61
Recreation Areas & Facilities.....	62
Camanche Hills Hunting Preserve.....	62
Camanche Rec Area Improvement.....	63
Lafayette Recreation Infrastructure	64
Mokelumne River Day Use Area	65
Pardee Recreation Area	66
Recreation Area Capital Maintenance & Improvements.....	67
San Pablo Recreation Infrastructure	68

Regulators & Rate Control Stations.....	69
Rate Control Station Rehabilitation.....	69
Regulator Rehabilitation.....	70
Reservoirs - Distribution.....	71
Chloramine Boosting Stations.....	71
Distribution System Water Quality Improvements.....	72
Open-Cut Reservoir Program.....	73
Reservoir Leak Repair.....	74
Reservoir Mixing System.....	75
Reservoir Rehabilitation and Maintenance.....	76
Reservoirs - Supply.....	77
Dam Operational Upgrades.....	77
Dam Seismic Upgrades.....	78
Dam Surveillance Improvements.....	79
Reservoir Tower Modifications.....	80
Water Supply Monitoring System.....	81
Supplemental Supply, Regional Agreements.....	82
Groundwater Resource Development.....	82
Imported Water Facilities.....	83
Local Regional Partnerships.....	84
SGMA Compliance.....	85
Water Rights, Licenses & Plans.....	86
Water Transfers.....	87
Sustainable Energy.....	88
Enhanced Power Revenue.....	88
FSCC Capital Improvements.....	89
Powerhouse Improvements.....	90
Vehicles, Equipment & Related Facilities.....	91
Diesel Engine Retrofit.....	91
Fleet & Equipment Additions.....	92
Fleet & Equipment Replacement & Purchases.....	93
Fuel Facility Improvements.....	94
Water Recycling & Conservation.....	95
DSRSD-EBMUD Recycled Water Authority (DERWA).....	95
East Bayshore.....	96
North Richmond Water Recycling Plant (NRWRP).....	97
North Richmond Water Recycling Plant (NRWRP) Routine Capital Maintenance.....	98
Richmond Advanced Recycling Expansion (RARE) - Chevron Funded.....	99

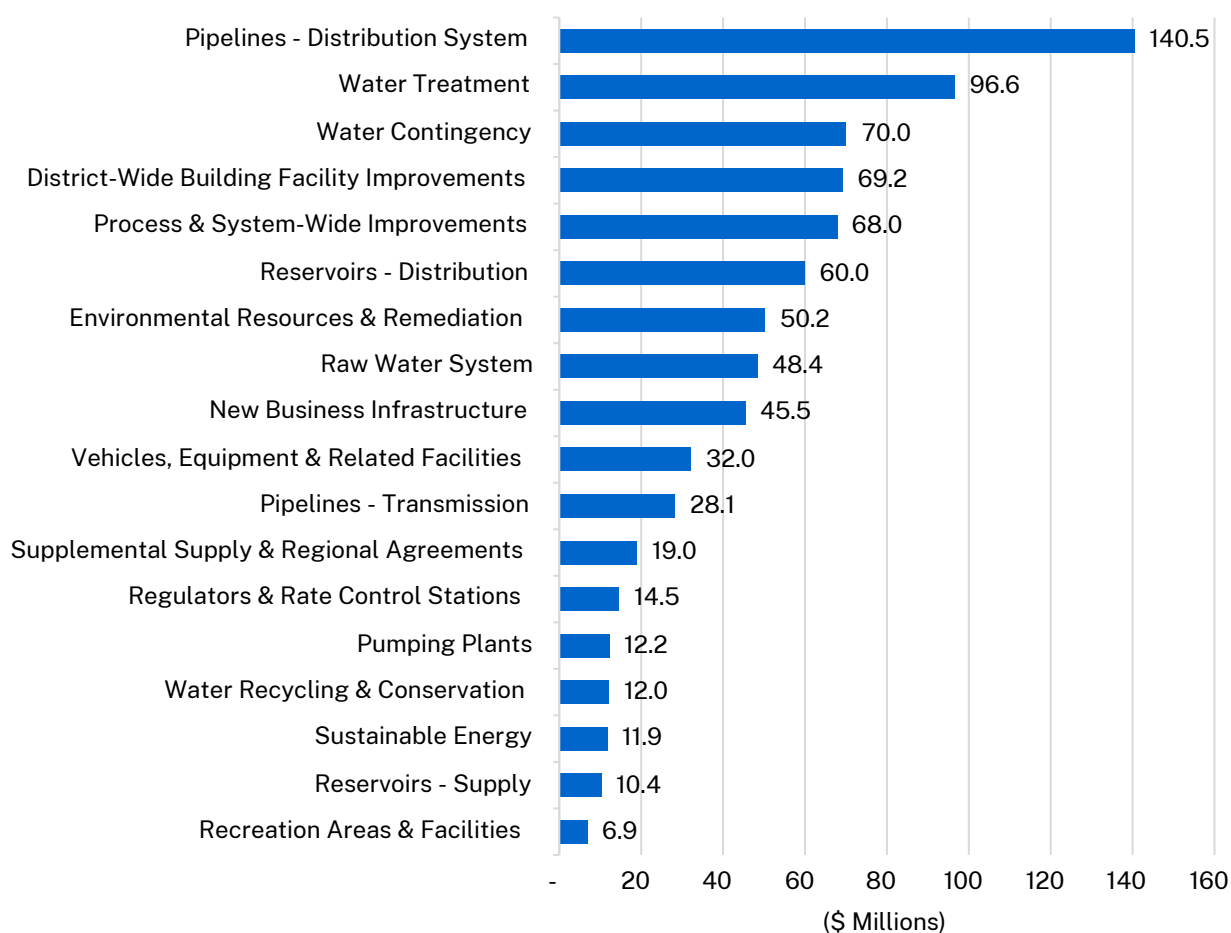
Richmond Advanced Recycling Expansion (RARE) - EBMUD Funded.....	100
San Ramon Valley Recycled Water	101
Water Conservation Services.....	102
Water Recycling Planning.....	103
Water Treatment.....	104
Pardee Center Capital Maintenance & Improvements.....	104
Treatment Plant Upgrades.....	105
Water Treatment Plant Capital Improvements.....	106
Water Contingency.....	107
Contingency General - Water	107
Index: Numerically Sorted Award Numbers.....	108
Index: Alphabetically Sorted Water Awards.....	109
Wastewater System.....	111
Appropriations Overview	111
Cash Flow Overview	112
Main Wastewater Treatment Plant.....	113
Preliminary Treatment	113
Primary Treatment.....	114
Secondary Treatment.....	115
Power Generation and Biogas	116
Effluent Discharge	117
Nutrients.....	118
Resource Recovery	119
Digesters.....	120
Dewatering.....	121
Electricals & Controls	122
Utilities & Sitework	123
Remote Facilities.....	124
Interceptors and Pump Stations.....	124
Wet Weather Facilities.....	125
System-Wide Improvements.....	126
General Wastewater	126
Wastewater Contingency	127
Contingency General – Wastewater.....	127
Index: Numerically Sorted Wastewater Awards	128
Index: Alphabetically Sorted Wastewater Awards	128

Water System

Appropriations Overview

The Water System’s FY 2024 capital appropriation will increase by \$123.2 million or 29.5 percent from FY 2023. In FY 2025, the appropriation decreases by 33.5 percent from FY 2024. The first year’s increase aligns with the CIP’s increasing size and scope and is particularly high due to several notable multi-year contracts that will be advertised for bid in FY 2024, while the work will be completed in FY 2025 and later. Appropriations for multi-year contracts are typically appropriated in the first year of the contract, to ensure funds are available when contracts are awarded. While the FY 2025 appropriations will decrease, important work continues in the second year.

Water System FY 2024 & FY 2025 Appropriations by Award Purpose



Appropriations shown by Award Purpose excludes Capital Support as it is not for a specific Award Purpose and instead is part of all Award Purposes.

Cash Flow Overview

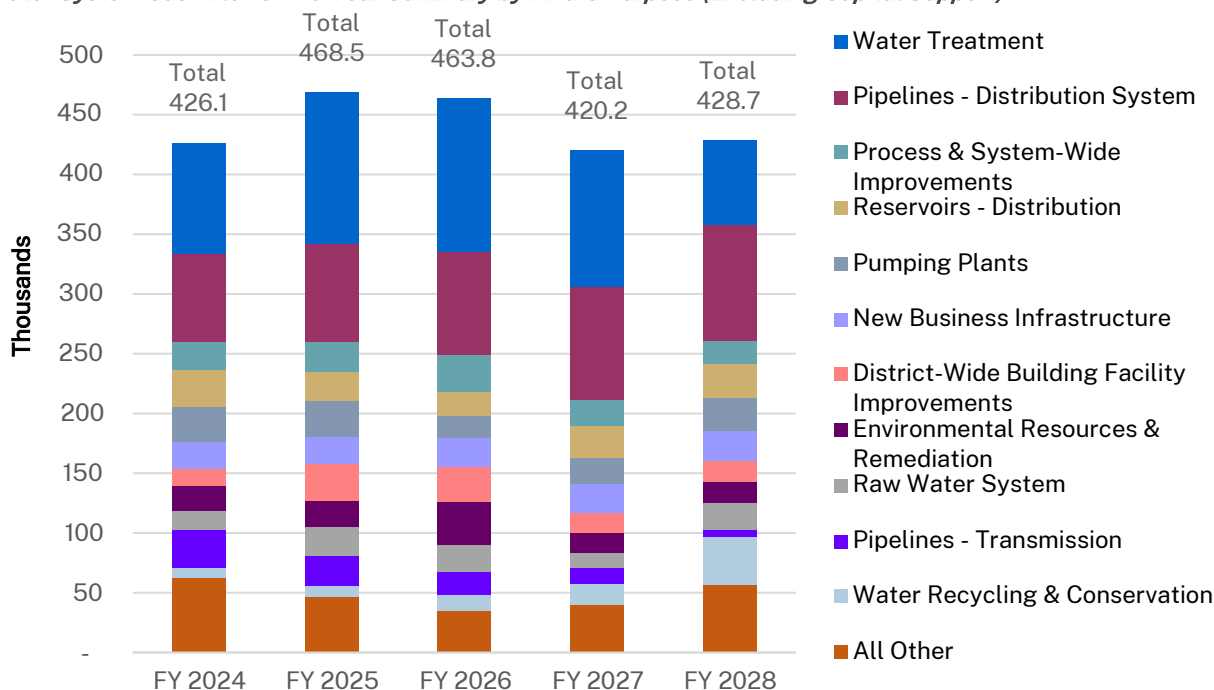
Overview

The FY 2024 – FY 2028 CIP is supported by capital cash flows that incorporate the following changes from previous CIP development processes:

- Cash flows are reported in the budget for five years, but this year there was an increased focus on the full 10-year projection of expenses. Forecasting out-years allows management and project managers to anticipate the funding needs for critical infrastructure initiatives. This is especially true as some key capital work will not be completed in the five-year horizon, so a longer-term scenario allows greater insight into needs. The longer-term outlook for rates increases also becomes clearer by extending the projection window.
- Multiple scenarios, with varied cash flow projections and associated rate increases, were developed to represent a projection of the annual costs of the CIP for long-term projects. This allowed for experimentation in the development phase with different approaches to completing a vast amount of critical infrastructure improvements. In most cases projects were deferred, as opposed to changed in their scope or canceled.

The following chart shows the overall capital cash flow by Award Purpose, with Award Purposes with less than \$70 million in expected five-year cash flow summarized into the “All Other” category.

Water System Cash Flows Five-Year Summary by Award Purpose (Excluding Capital Support)



Award Purpose:

District-Wide Building Facility Improvements

Award Number:

7000148

Award Name:

ARC FLASH, MITIGATION, PROJECT MANAGEMENT

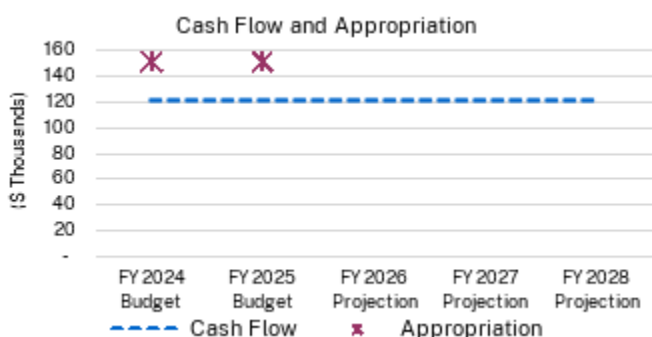
Lead Department:

Water Operations

In Service Date:

6/30/2032

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	600	120	120	120	120	120
Appropriation	300	150	150			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project supports the District's efforts to comply with the Occupational Safety and Health Administration (OSHA) standards for electrical safety in the workplace. The standard involves identifying and analyzing electrical hazards, educating the workforce on those hazards, and implementing safeguards to protect the workers.

This project performs studies and remediation work at various facilities to reduce arc flash hazards. Work has been completed at the Oakland Administration Building, the Adeline Maintenance Center buildings, the hydroelectric plants, water treatment plants, and various pumping plants. Upcoming work includes completing in-progress studies and remediating conditions at additional pumping plants, lift stations, and other facilities.

Award Purpose:

District-Wide Building Facility Improvements

Award Number:

7000126

Award Name:

BUILDING FACILITIES IMPROVEMENTS

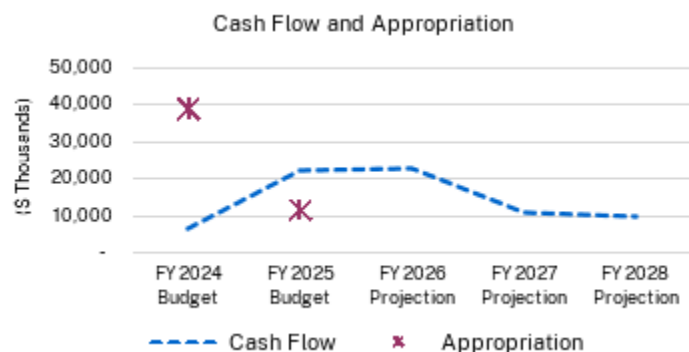
Lead Department:

Engineering & Construction

In Service Date:

6/30/2035

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	70,750	6,130	22,098	22,327	10,805	9,390
Appropriation	50,096	38,833	11,263			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Improvements to building systems and equipment provide and maintain safe workspaces, reduce operating and maintenance costs, minimize energy use, reduce the carbon footprint, and ensure optimal use of occupied facilities to meet the District’s changing operational needs.

In FY 2022 - FY 2023, work included the construction of the HVAC systems and Data Center reliability improvements, as well as carpeting replacement at the Administration Building (AB). Planning and design for improvements at service centers, a vehicle maintenance facility, and the Adeline Maintenance Center (AMC) moved forward.

FY 2024 - FY 2028 work at the AB includes roofing systems rehabilitation and upgrades to the fiber optic cabling and electrical systems. Work at the AMC includes HVAC and lighting upgrades, and parking and building interiors improvements to optimize space utilization. A master plan to electrify the District’s fleet will be completed, and a phased installation of electric vehicle (EV) charging stations at District facilities will commence. Electrical modifications at the East Area Service Center to enable operation as an incident command base and the expansion of facilities at the Fleet Maintenance East facility in Walnut Creek to improve safety, reliability, and energy efficiency will be completed. In support of Pipeline Rebuild and maintenance of the District’s pipelines, new service centers in West Oakland and at the Oakport Storage Center will be completed.

FY 2029 - FY 2033 projects include new warehousing and storage facilities at the Oakport Storage Center, renovation of the Central Area Service Center at AMC, expansion of the Castenada Service Center in San Ramon, and re-sealing of joints and pre-cast concrete panels on the exterior of the AB. These projects support pipeline repair and replacement operations and preserve existing infrastructure assets.

Award Purpose:

District-Wide Building Facility Improvements

Award Number:

7100002

Award Name:

FACILITIES CATHODIC PROTECTION

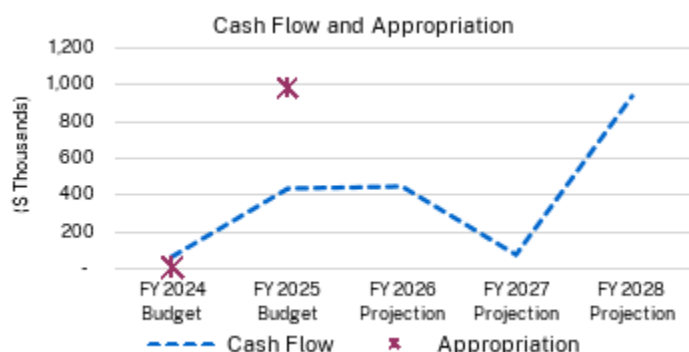
Lead Department:

Engineering & Construction

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	1,947	65	434	447	71	930
Appropriation	980	-	980			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project will improve the existing cathodic protection (CP) systems, which include galvanic anode or impressed current CP systems for steel water storage tanks, outlet towers, water treatment facilities, and pumping plants by documenting the condition of each CP system and adjusting the CP systems when possible for effective corrosion protection.

FY 2023 - FY 2024 work will include field reconnaissance to evaluate each facility's existing cathodic protection system and develop a master plan to perform future improvements.

FY 2025 - 2028 work will include biannual design and construction projects to focus on improving facility cathodic protection.

Award Purpose:

District-Wide Building Facility Improvements

Award Number:

7000326

Award Name:

FACILITY PAVING

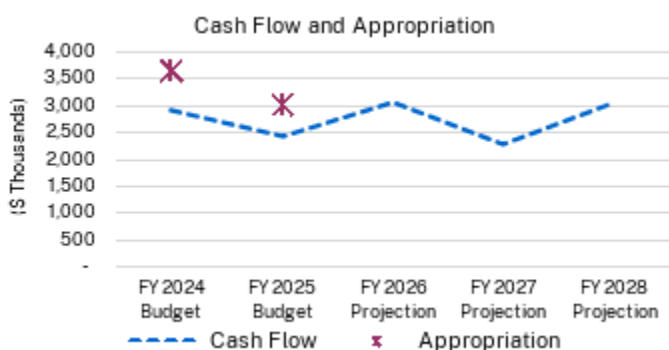
Lead Department:

Water Operations

In Service Date:

6/30/2040

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	13,680	2,904	2,408	3,064	2,256	3,048
Appropriation	6,640	3,630	3,010			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project maintains and replaces distribution reservoir access roads, other facility roads, and parking areas. Planned work in FY 2024 - FY 2028 includes paving repairs and replacements for reservoir access roads, pumping plant parking areas, Adeline Maintenance Center facilities, and Service Yards.

Aging paving at local facilities are in need of restoration and this project provides a systematic and long-term approach to optimizing pavement maintenance.

Award Purpose:

District-Wide Building Facility Improvements

Award Number:

7000161

Award Name:

MINOR FACILITIES WORK

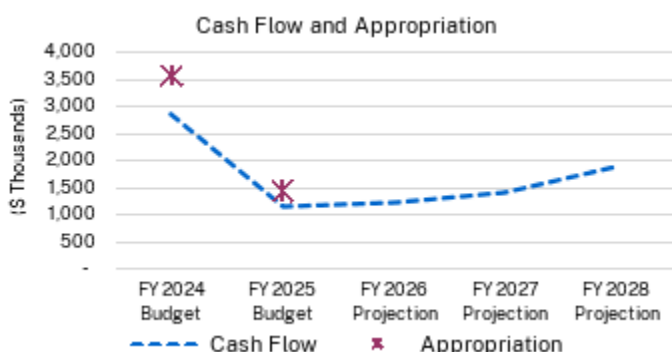
Lead Department:

Water Operations

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	8,419	2,817	1,131	1,198	1,397	1,877
Appropriation	4,963	3,550	1,413			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project consists of smaller capital improvements to facilities that do not require extensive planning or design, or justify a standalone project. The project also includes cost sharing with the Wastewater System for laboratory upgrades and equipment.

Planned work in FY 2024 - FY 2028 includes replacing HVAC equipment at the Adeline Maintenance Center (AMC); slab reinforcements and replacement of a standard milling machine with a computer-controlled milling machine for the Central Machine Shop (CMS); window film replacement and painting of the building exterior at the AMC Campus; and the rehabilitation of two kitchenettes at the Administrative Building (AB).

Each year various improvements and modifications to facilities are required. Most involve equipment or structural issues impacting facility integrity, or health and safety issues.

Award Purpose:

District-Wide Building Facility Improvements

Award Number:

7000102

Award Name:

MOKELUMNE WATERSHED HEADQUARTERS

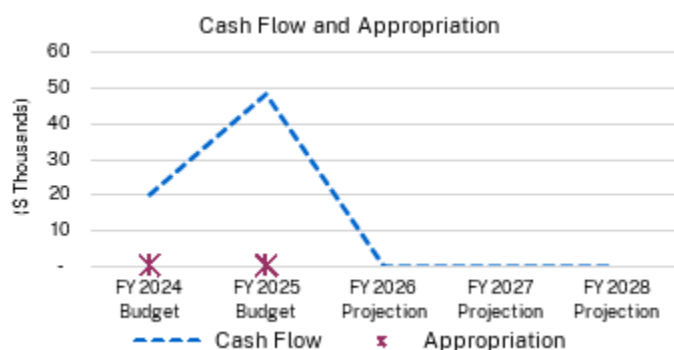
Lead Department:

Natural Resources Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	68	20	48	-	-	-
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

The Mokelumne Watershed Headquarters is the epicenter of upcountry watershed and recreation management. This award includes capital improvements to the Mokelumne Watershed Headquarters buildings, including staffed offices and a warehouse/shops building. Projects planned in FY 2024 - FY 2028 include electrical modifications to accommodate an HVAC replacement, and paving improvements.

Award Purpose:

District-Wide Building Facility Improvements

Award Number:

7000264

Award Name:

MOKELUMNE WATERSHED HEADQUARTERS – PHASE 2

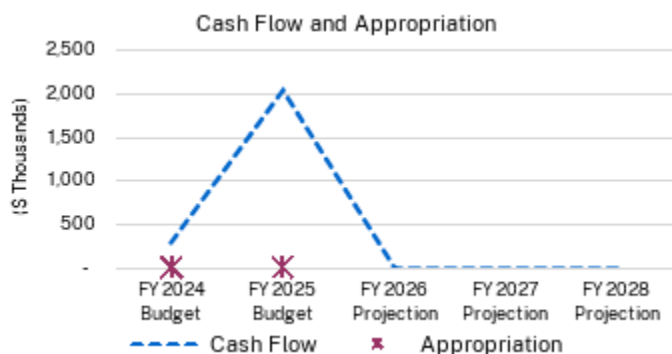
Lead Department:

Natural Resources Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	2,317	280	2,037	-	-	-
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This award is for one-time major capital development of the new Mokelumne Watershed Headquarters complex. First established in 2006, Phase 1 included new warehouse and office facilities that were needed due to the condition, size, and lack of staff facilities in the existing headquarters. The project incorporated energy efficient and sustainable features. In FY 2024 - FY 2028, Phase 2 may consist of a back-up generator, construction of a modular warehouse/shop building, site improvements and vehicle access improvements.

Award Purpose:

District-Wide Building Facility Improvements

Award Number:

7000228

Award Name:

ORINDA WATERSHED HEADQUARTERS

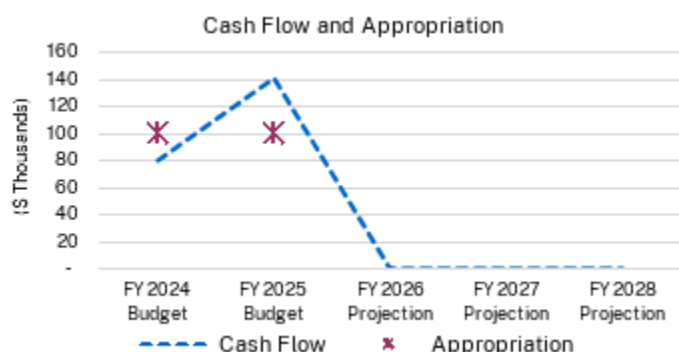
Lead Department:

Natural Resources Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	220	80	140	-	-	-
200	100	100				



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

The Orinda Watershed Headquarters is the epicenter of East Bay watershed and recreation management. This award includes capital improvements to the East Bay Watershed Headquarters buildings, including staffed offices and a warehouse/shops building. Projects planned in FY 2024 - FY 2028 include a parking lot resurfacing and roof replacements for most buildings.

Award Purpose:

District-Wide Building Facility Improvements

Award Number:

7000305

Award Name:

SMALL CAPITAL IMPROVEMENTS

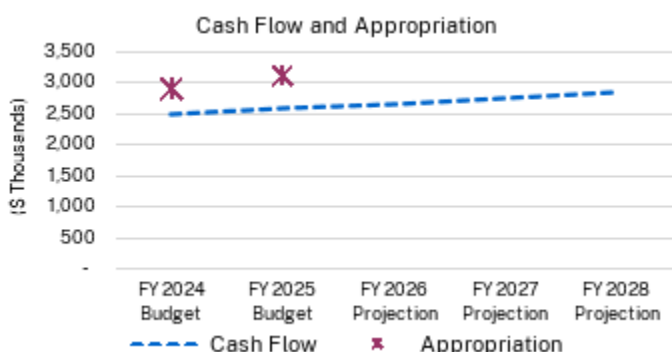
Lead Department:

Water Operations

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	13,257	2,485	2,566	2,648	2,734	2,824
Appropriation	6,000	2,900	3,100			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project provides urgent capital improvements to maintain the reliability and safety of pumping plants, reservoirs, regulators, treatment plants, rate control stations, and administration buildings. There are 425 of these facilities, many of which have improvements scheduled in the Infrastructure Rehabilitation Plan (IRP) in the next 10 years. This project provides improvements and the accelerated replacement of failed or unreliable components in some of the facilities slated for eventual rehabilitation. Such improvements are smaller in scale than the typical project under the IRP.

Planned projects for FY 2024 - FY 2028 include replacement of electrical and control components at multiple pumping plants as well as the replacement of 100 turbidimeters at water treatment plants. Other work includes repair and replacement of motors, valves, piping, instrumentation, retaining walls and roofs at various pumping plants, water treatment plants, regulators, and rate control stations.

This project replaces critical electrical, mechanical, instrument, and structural components at distribution and treatment facilities that have reached the end of their useful lives. Failure of the components can affect water service to customers, fire suppression capability, and water quality.

Award Purpose:

Environmental Resources & Remediation

Award Number:

7000012

Award Name:

EAST BAY WATERSHED MANAGEMENT

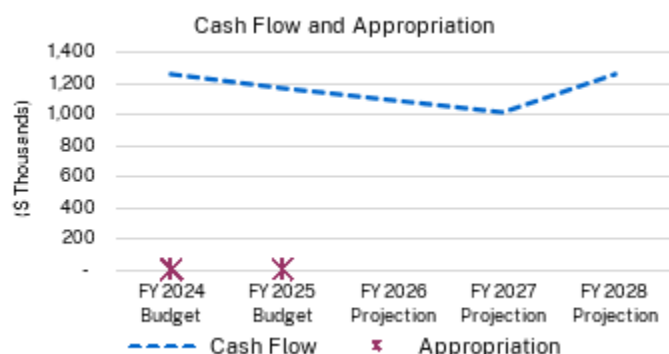
Lead Department:

Natural Resources Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	5,768	1,248	1,168	1,088	1,008	1,256
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Watershed lands are managed to ensure public health and safety, environmental protection, and availability of a clean water supply for customers. Work is prioritized in accordance with the East Bay Watershed Master Plan, Range Resource Management Plan, Fire Management Plan, and regulatory requirements. Projects include upgrades that address regulatory, safety, and water quality concerns, as well as improvements to grazing allotments, fencing, fire-access roads, watershed trails, and other structures found in the watershed.

In FY 2024 - FY 2025, work will continue to remove dead and dying pines in the San Pablo watershed, other wildlands fire fuel reduction efforts, establish a new fuel break, and update perimeter fencing.

Award Purpose:

Environmental Resources & Remediation

Award Number:

7000048

Award Name:

MINE RESTORATIONS

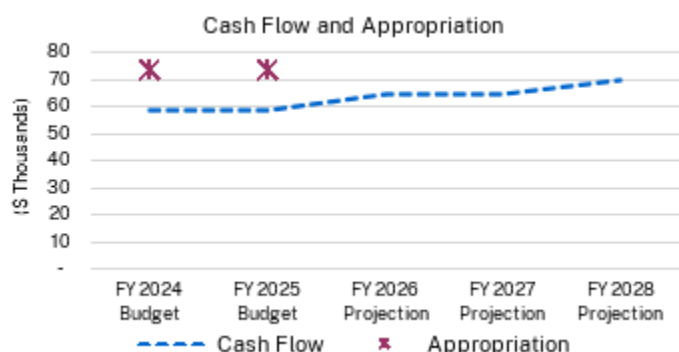
Lead Department:

Operations & Maintenance Support

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	314	58	58	64	64	70
Appropriation	146	73	73			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project evaluates and implements long-term remedial solutions for two sites: former Penn Mine and Poison Lake, with the goal of restoring the Penn Mine site to pre-mining conditions.

Recent accomplishments for Penn Mine include continued leachate removal, and bi-annual groundwater monitoring was conducted and reported to the Regional Water Quality Control Board (RWQCB). The report documents a downward trend in leachate production since the landfill cap was repaired in 2013. Planned activities for FY 2024 - FY 2028 include continued leachate removal and bi-annual reporting of groundwater conditions, site visits and removal of a weir from an onsite stream.

Recent accomplishments for Poison Lake include completion of the remediation project, which involved scraping and capping surface mine waste, armoring the drainage channels with boulders, and landscaping bare areas for protective purposes. The annual surface water quality monitoring was conducted and the report delivered to the RWQCB.

Planned activities for FY 2024 - FY 2028 include post-remediation monitoring and surface water quality monitoring and reporting to evaluate any potential impacts from the site to the reservoir.

Award Purpose:

Environmental Resources & Remediation

Award Number:

7000240

Award Name:

MOKELUMNE RIVER FISH HATCHERY

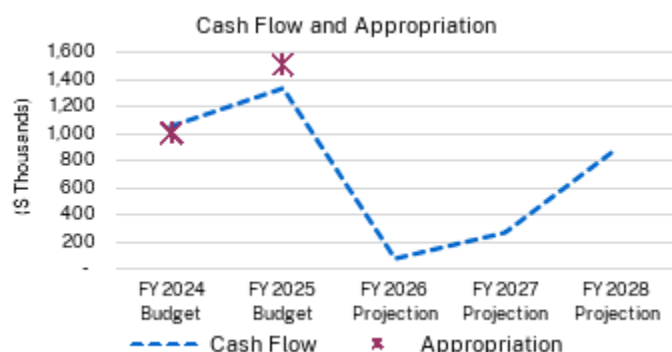
Lead Department:

Natural Resources Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	3,568	1,040	1,320	64	264	880
Appropriation	2,500	1,000	1,500			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Operation of the Mokelumne River Fish Hatchery requires compliance with agreements with regulatory agencies to maximize hatchery fish production, and to protect and enhance the natural in-river production of anadromous fish. This award includes capital upgrades and replacements of the main and ancillary hatchery facilities, in compliance with the Mokelumne River Fish Hatchery operation agreement with the California Department of Fish and Wildlife.

In FY 2024 - FY 2028, planned work includes the purchase of a replacement planting truck, new electrical infrastructure for a new steelhead rearing building, new generator and transfer switches, bird netting, and lift station. Another project includes planning and design work related to completed temperature control device and ozonation feasibility studies.

Award Purpose:

Environmental Resources & Remediation

Award Number:

7000010

Award Name:

MOKELUMNE WATERSHED MANAGEMENT

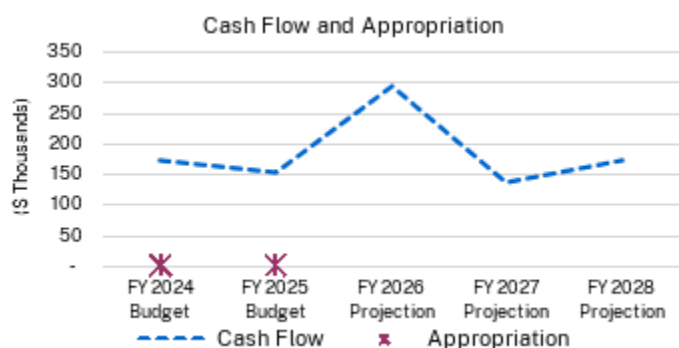
Lead Department:

Natural Resources Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	924	172	152	292	136	172
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Watershed lands are managed to ensure public health and safety, environmental protection, and availability of a clean water supply for customers. Work is prioritized in accordance with the Mokelumne Watershed Master Plan, Rangeland Management Plan, Fire Management Plan, and regulatory requirements. Projects include upgrades that address regulatory, safety, and water quality concerns, as well as improvements to grazing allotments, fencing, fire-access roads, watershed trails, and other structures found in the watershed.

In FY 2024 - FY 2028, the key priorities are to begin the development of a new 10-mile section of the Mokelumne Coast to Crest Trail, replace restraining and regulatory buoys in the reservoirs, and update perimeter fencing.

Award Purpose:

Environmental Resources & Remediation

Award Number:

7000070

Award Name:

RIVER AND WATERSHED

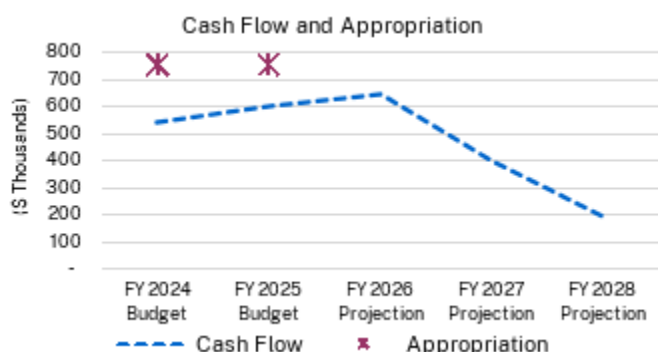
Lead Department:

Natural Resources Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	2,360	538	594	640	396	192
Appropriation	1,500	750	750			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Natural resources management requires compliance with regulatory agencies to implement habitat and species protections and enhancement measures, including those required by the East Bay Habitat Conservation Plan and Safe Harbor Agreements.

In FY 2024 - FY 2028, projects include implementing enhancement measures required by the Habitat Conservation Plan such as habitat analysis and vegetation mapping to support Alameda whipsnake and California red-legged frog populations, fish passage improvements on creeks, and a new electrofishing vessel, development of a San Leandro Creek Fish Management Plan, floodplain restoration and diversion screens required under Voluntary Agreements with the State Water Resources Control Board, and various replacements of river monitoring equipment.

Award Purpose:

Environmental Resources & Remediation

Award Number:

7000042

Award Name:

TRENCH SOILS MANAGEMENT

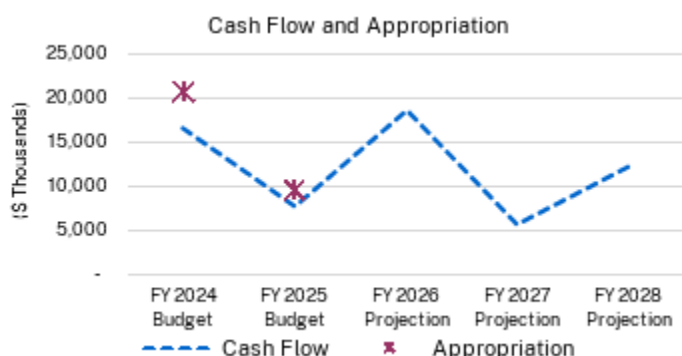
Lead Department:

Operations & Maintenance Support

In Service Date:

6/30/2040

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	60,215	16,515	7,604	18,476	5,562	12,058
Appropriation	30,159	20,644	9,515			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project is necessary to ensure adequate capacity for ongoing and future operations at District Owned Storage Sites (DOSS), continued regulatory compliance, and cost-effective and sustainable practices to manage trench soils.

Trench soils are generally stockpiled for future reuse or disposal at three DOSS: Briones in Orinda, Miller Road in Castro Valley, and Amador in San Ramon. Trench soils production has been increasing under the Pipeline Rebuild Program. This project includes coordination between multiple stakeholders on the generation, management, and final end use of all trench soils, operation and regulatory compliance at the DOSS, and implementation of recommendations from the Trench Soils Management Plan (TSMP) to more efficiently and sustainably manage trench soils.

Priorities during the five-year CIP include continuing ongoing efforts to implement TSMP recommendations, including evaluating long-term solutions for trench soils, management of the DOSS, implementing Board direction on trench soils, and continued compliance with regulations.

Award Purpose:

Environmental Resources & Remediation

Award Number:

7000074

Award Name:

UPCOUNTRY WASTEWATER TREATMENT IMPROVEMENTS

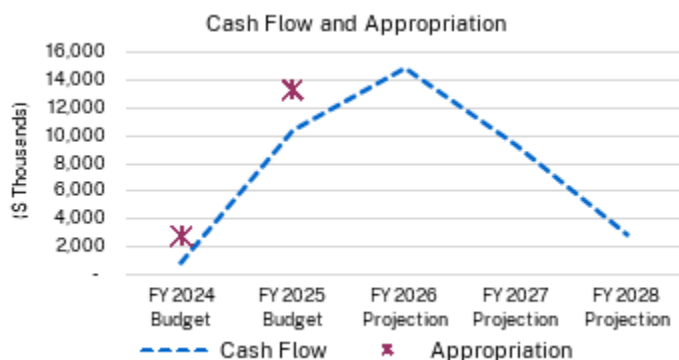
Lead Department:

Water Operations

In Service Date:

10/31/2029

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	37,960	800	10,320	14,800	9,240	2,800
Appropriation	15,900	2,700	13,200			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

The Upcountry Wastewater Improvement Program includes multiple projects to upgrade the wastewater collection, treatment and disposal systems serving the Pardee and Camanche facilities. An Upcountry Utility Infrastructure Master Plan recommends upgrading the collection facilities to meet new regulatory requirements. FY 2024 - FY 2025 priorities include completing design in FY 2024 and starting construction of the sewer collection system improvements at Camanche South Shore (CASS) in FY 2025. Design and construction for improvements to the collection system at Camanche North Shore (CANS) will take place in FY 2025 - FY 2026. Design and construction for the collection systems at Pardee Center (PACT) and Pardee Recreation Area (PARA) will take place in FY 2025 - FY 2026. The objectives of these improvement projects are to meet District and State of California standards; connect mobile homes to the wastewater collection system; correct system layout deficiencies; and increased system dependability with the installation of backup power to crucial lift stations.

Award Purpose:

New Business Infrastructure

Award Number:

7000015

Award Name:

HYDRANTS INSTALLED BY DISTRICT FORCES

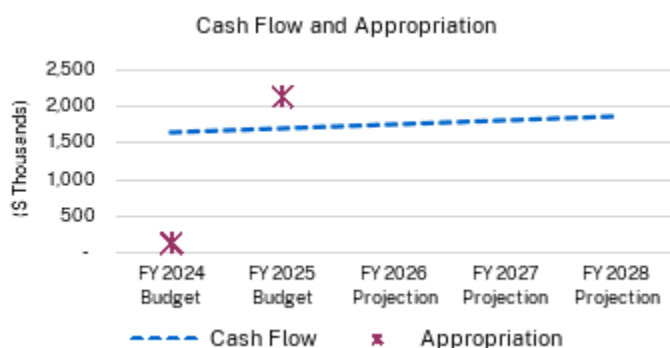
Lead Department:

Engineering & Construction

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	8,750	1,648	1,698	1,748	1,801	1,855
Appropriation	2,246	124	2,122			



Funding Sources	Funding (%)
Applicant Funded Projects	100%
Bond/Revenue Funded Projects	
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This is a recurring project to install new hydrants in the service area. Most requests for new hydrants come from fire districts or developers.

Development activity has been strong in recent years, with a corresponding increase in the number of hydrants installed.

In FY 2024 - FY 2028 approximately 100 hydrants per year are expected to be installed.

Award Purpose:

New Business Infrastructure

Award Number:

7000014

Award Name:

NEW SERVICE INSTALLATIONS

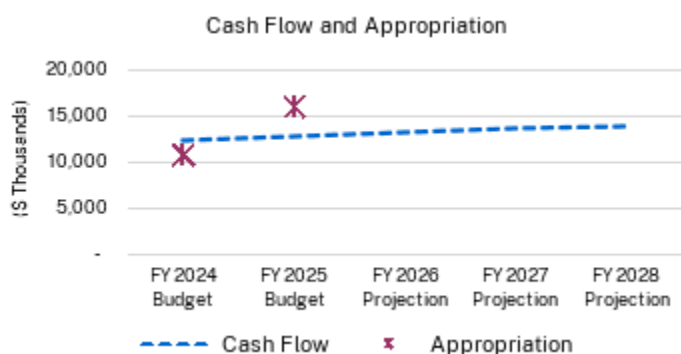
Lead Department:

Engineering & Construction

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	65,622	12,360	12,731	13,113	13,506	13,911
Appropriation	26,664	10,750	15,914			



Funding Sources	Funding (%)
Applicant Funded Projects	100%
Bond/Revenue Funded Projects	
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This is an ongoing project to install new services. Services include taps on the main, laterals, and meter sets. Work consists of adding services due to system expansion and urban in-fill projects, and excludes the replacement of old services or service laterals. The need for installing new services has been increasing as housing development trends have elevated demand.

In FY 2024 - FY 2028, approximately 700 new services are expected to be installed annually.

Award Purpose:

New Business Infrastructure

Award Number:

7000005

Award Name:

PIPELINE SYSTEM EXTENSIONS

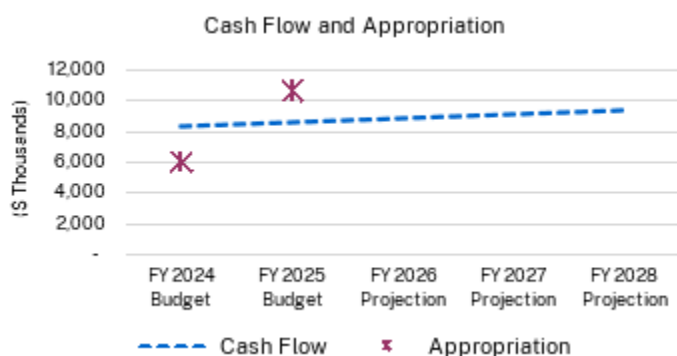
Lead Department:

Engineering & Construction

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	43,748	8,240	8,487	8,742	9,005	9,274
Appropriation	16,603	5,994	10,609			



Funding Sources	Funding (%)
Applicant Funded Projects	100%
Bond/Revenue Funded Projects	
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This ongoing project establishes additional pipeline to serve new customers via Applicant Extension Agreements. Annual workload is estimated from projections of land development activity and recent trends in the Water Service Estimate activity from the New Business Office.

FY 2024 - FY 2028 work will include approximately 8-10 miles per year of system extensions.

Award Purpose:

Pipelines - Distribution System

Award Number:

7000164

Award Name:

ANNUAL APPURTENANCE WORK

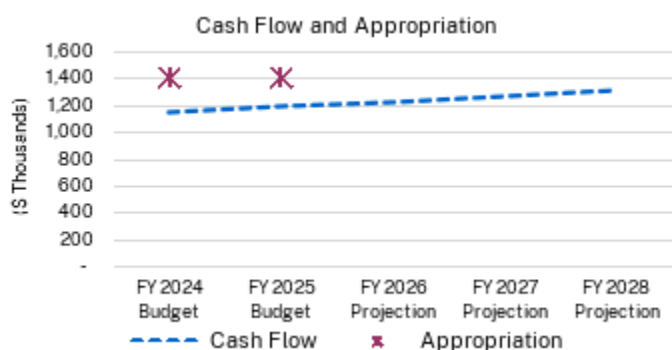
Lead Department:

Maintenance & Construction Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	6,123	1,142	1,182	1,223	1,266	1,310
Appropriation	2,800	1,400	1,400			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This ongoing project will replace distribution system isolation valves, blow-off assemblies, air valves and other appurtenances that have reached the end of their useful lives, or no longer meet current installation practices. The goal is to inspect and operate 10 percent of distribution valves annually. The Large Valve Master Plan has identified a number of appurtenances that need to be upgraded to ensure system reliability.

Due to increased funding within cities and counties for paving restoration and street reconstruction, gate valve pots were upgraded in FY 2019 - FY 2021, and will continue into FY 2024 - FY 2025. These upgrades improve access during emergency and routine valve operation, and while performing maintenance activities.

Award Purpose:

Pipelines - Distribution System

Award Number:

7000030

Award Name:

DISTRIBUTION SYSTEM CATHODIC PROTECTION

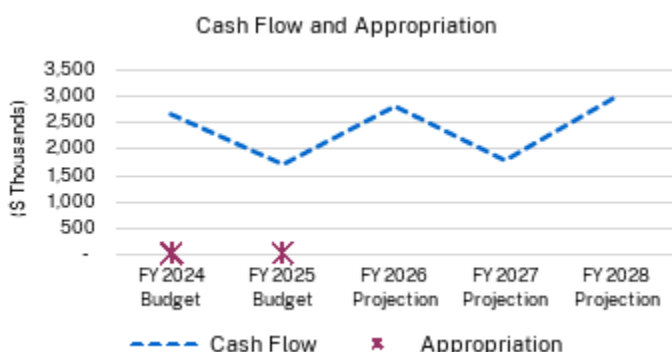
Lead Department:

Engineering & Construction

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	11,864	2,638	1,678	2,798	1,780	2,970
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This recurring project is to repair or replace cathodic protection units for Mortar Lined & Coated Steel (ML&CS) or Mortar Lined & Plastic-Coated Steel (ML&PCS) distribution water mains. The ML&PCS pipelines are protected by approximately 1,300 galvanic anode systems, which total 3,000 individual anodes. The ML&CS pipelines are protected by approximately 60 impressed current Cathodic Protection System (CPS).

FY 2024 - FY 2029 work will include improving approximately 40 galvanic anode test stations annually, 20 CPSs biannually, and moving towards installing approximately 4,400 zinc anodes annually for the Copper Lateral Cathodic Protection Program.

Award Purpose:

Pipelines - Distribution System

Award Number:

7000003

Award Name:

PIPELINE REBUILD

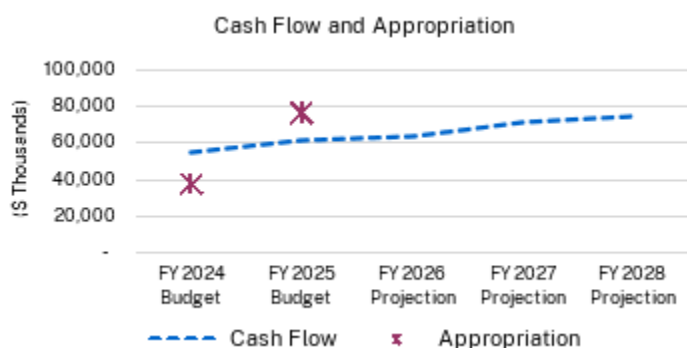
Lead Department:

Engineering & Construction

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	323,470	53,931	61,002	63,454	71,143	73,939
Appropriation	113,279	37,027	76,252			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Pipeline Rebuild is focused on the continued replacement and renewal of failing pipelines in the distribution system. This project will ramp up replacement and renewal at a rate sufficient to maintain high system reliability and continue to evaluate areas for cost reductions through efficiencies.

This initiative also includes inspection of purchased water system components at the manufacturers' facility, including pipe, fittings, mechanical items, valves, and hydrants.

In FY 2022, Pipeline Rebuild achieved its goal to replace 20 miles of pipeline and is on track to meet the FY 2023 goal of 22.5 miles. The annual replacement mileage goal will increase to 25 miles in FY 2025 and 30 miles by FY 2029.

Award Purpose:

Pipelines - Distribution System

Award Number:

7000006

Award Name:

PIPELINE RELOCATIONS

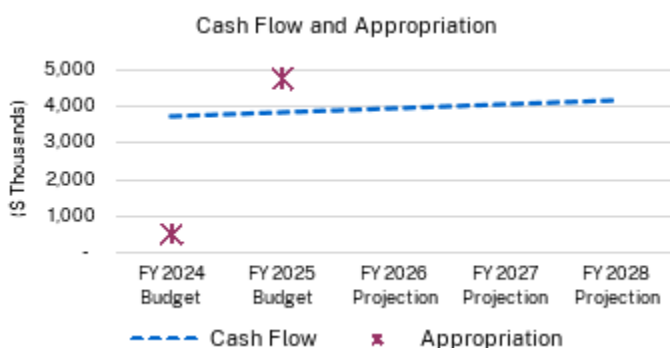
Lead Department:

Engineering & Construction

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	19,598	3,692	3,801	3,916	4,034	4,154
Appropriation	5,240	489	4,751			



Funding Sources	Funding (%)
Applicant Funded Projects	10%
Bond/Revenue Funded Projects	73%
Equipment Replacement Fund	
Grants	
Outside Agency	17%
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project relocates pipelines on an ongoing basis to accommodate projects from other agencies, such as roadway improvements, bridge replacements, or rail system expansions. The work is non-discretionary and difficult to forecast due to the dependence on other agencies' schedules. The District is obligated to bear the cost of pipeline relocations originating from street improvement projects of most cities and counties. Costs for pipeline relocations driven by private applicants and agencies, such as Caltrans and BART, are typically reimbursable.

FY 2024 - FY 2028 anticipated work includes the design and construction of approximately 1.5 miles of pipeline relocations per year, which includes 0.5 miles of reimbursable and 1.0 miles of non-reimbursable work.

Award Purpose:

Pipelines - Distribution System

Award Number:

7000024

Award Name:

PIPELINE SYSTEM IMPROVEMENTS

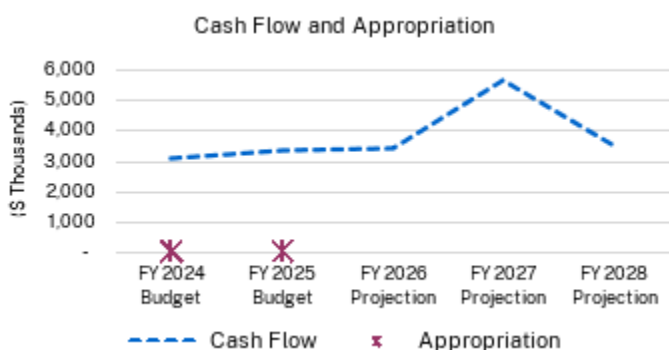
Lead Department:

Engineering & Construction

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	18,966	3,090	3,316	3,421	5,660	3,478
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This is an ongoing effort focused on projects to improve water quality, system performance, capacity, reliability, and maintainability of the distribution system.

FY 2022 - FY 2023 accomplishments include design and construction of the Pershing Drive Pipeline Improvements Project in San Leandro, Excelsior Avenue Pipeline Improvements, and Oceanview Drive Pipeline Improvements Projects in Oakland. The award focuses on the design of approximately 1-mile of pipeline system improvements and 0.5 miles of 4-inch reliability replacements projects per year.

FY 2024 - FY 2028 work will include design and construction of the Tappan Terrace Improvements Project in Orinda and East 29th Street in Oakland, which contribute to the 1-mile per year of pipeline system improvements and 0.5 miles of 4-inch reliability replacements.

FY 2029 - FY 2033 work will include the design and construction of 1-mile per year of pipeline system improvements and 0.5 miles of 4-inch reliability replacements.

Award Purpose:

Pipelines - Distribution System

Award Number:

7000041

Award Name:

SERVICE LATERAL REPLACEMENTS

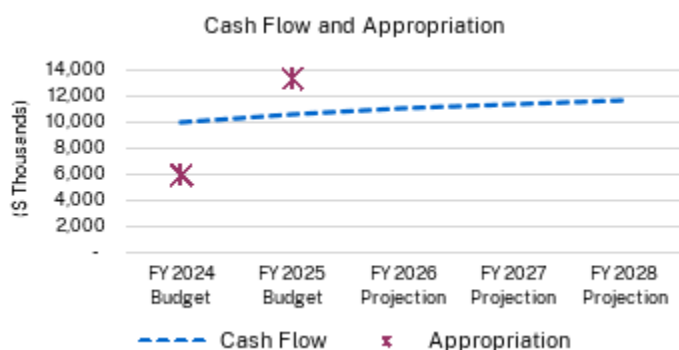
Lead Department:

Engineering & Construction

In Service Date:

6/30/2030

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	54,272	9,888	10,609	10,927	11,255	11,593
Appropriation	19,174	5,913	13,261			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This award manages all service lateral replacements for planned replacements of copper service laterals and unplanned replacements for all service lateral material types.

FY 2022 - FY 2023 work continued to replace polybutylene and copper laterals as planned replacements. Starting in FY 2023, the planned polybutylene service lateral replacements program was discontinued.

FY 2024 - FY 2028 work includes replacement of approximately 130 planned copper service laterals and 1,100 unplanned service lateral replacements per year.

Award Purpose:

Pipelines - Transmission

Award Number:

7000043

Award Name:

AQUEDUCT CATHODIC PROTECTION

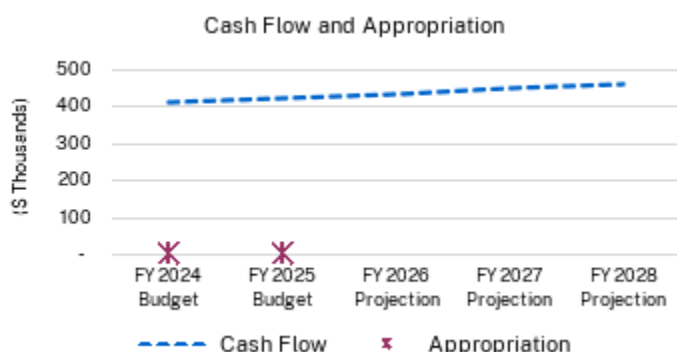
Lead Department:

Engineering & Construction

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	2,174	410	422	434	448	461
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This recurring project includes annual investigations and periodic renewal of the Mokelumne Aqueducts' 44 cathodic protection systems (CPSs). These systems prevent the corrosion of steel pipelines that come into contact with soil and require periodic replacement of expendable components, such as anode beds and power supplies.

FY 2023 - FY 2024 work includes site evaluations to determine the status of each CPS and prioritization of improvement projects. FY 2025 - FY 2028 work includes replacing obsolete and inefficient rectifier power supplies and improving obsolete deep well anode beds.

FY 2029 - FY 2033 work will continue to evaluate, repair, replace, and improve CPS as necessary to maintain aqueduct cathodic protection.

Award Purpose:

Pipelines - Transmission

Award Number:

7000254

Award Name:

LARGE DIAMETER PIPELINES

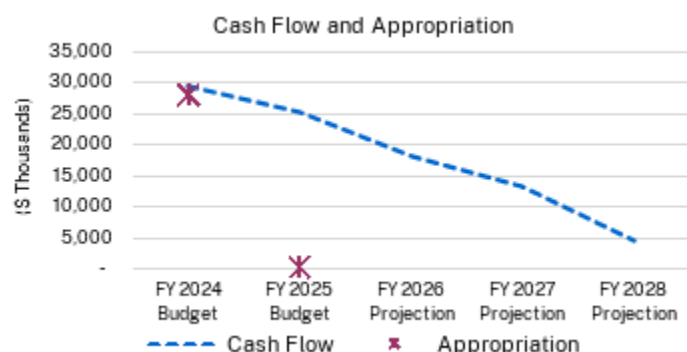
Lead Department:

Engineering & Construction

In Service Date:

6/30/2040

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	89,637	29,416	24,974	17,884	13,119	4,243
Appropriation	28,140	27,984	156			



Funding Sources	Funding (%)
Applicant Funded Projects	10%
Bond/Revenue Funded Projects	90%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Large diameter transmission pipelines form the backbone of the distribution system. This project replaces existing transmission pipelines that are at risk of failure and installs new transmission pipelines to improve the water system.

FY 2022 - FY 2023 work included the completion of Wildcat Berkeley construction and near completion of Summit Pressure Zone (PZ) Phase 1 pipeline construction. Design of Oakland Inner Harbor Crossing Pipeline and Wildcat El Cerrito were completed.

FY 2024 - FY 2028 work includes construction of Wildcat El Cerrito and Oakland Inner Harbor Crossing; completion of design and construction of Summit PZ Phase 2, San Leandro Channel Crossing, and Crockett Aqueduct Relocation; and completion of design of Tidal Canal Crossing and Sequoia Aqueduct Pipeline. The Large Diameter Pipelines Master Plan (LDPMP) will be updated in FY 2025.

Projects beyond FY 2028 include South 30 Pipeline Improvements, Summit PZ Phase 3, Genoa Pipeline, Central PZ Pipelines, Crockett Discharge Pipeline, and other replacement projects to be identified in the FY 2025 Large Diameter Pipeline Master Plan update.

Award Purpose:

Pipelines - Transmission

Award Number:

7000055

Award Name:

TRANSMISSION MAIN CATHODIC PROTECTION

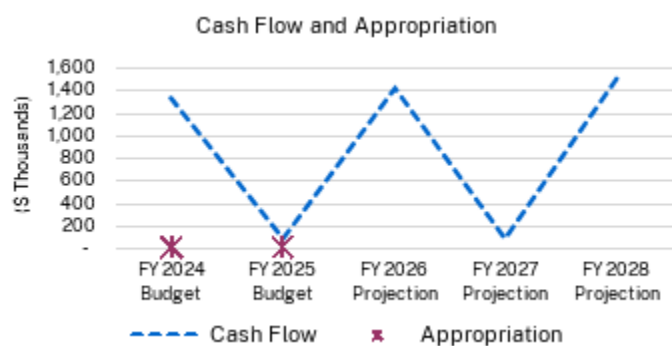
Lead Department:

Engineering & Construction

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	4,402	1,330	79	1,411	84	1,497
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project will investigate and prioritize cathodic protection (CP) upgrades for transmission mains and large diameter pipelines and reconfigure obsolete CP systems.

FY 2024 - 2028 work includes improvements to the CP systems for the Upper San Leandro Raw Water Pipeline and the South 30 Aqueduct. Transmission main improvements will include design and installation of remote monitoring for each of the transmission main CP rectifier power supplies.

Award Purpose:

Pressure Zone Studies

Award Number:

7100001

Award Name:

DELTA TUNNEL

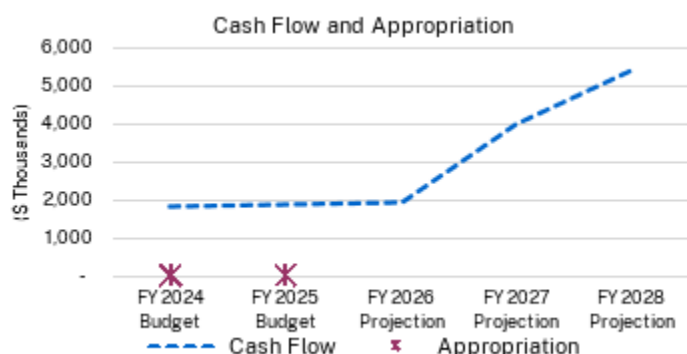
Lead Department:

Engineering & Construction

In Service Date:

6/30/2032

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	14,900	1,792	1,846	1,902	3,986	5,375
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

The Mokelumne Aqueducts Resiliency Project includes a 16.5-mile tunnel from Stockton to Bixler that will be designed to convey the full flow capacity of all three Mokelumne Aqueducts to mitigate flood and seismic hazard risks in the Delta.

Work includes planning, studies, California Environmental Quality Act (CEQA) permitting, public outreach, land acquisition, design, and construction of the Delta Tunnel.

FY 2016 - FY 2019 work included extensive geotechnical investigations to characterize the underlying geology for future tunnel construction and analysis of the existing pile-supported Mokelumne Aqueducts. FY 2020 - FY 2023 work included planning, environmental studies, alternative analysis, and conceptual engineering and design.

FY 2024 - FY 2027 work will include conducting the CEQA environmental review process, agency consultation, and public outreach. Planned FY 2028 - FY 2032 work includes additional geotechnical investigations, environmental studies, permitting, land acquisition, and design.

Award Purpose:

Pressure Zone Studies

Award Number:

7000215

Award Name:

DISTRIBUTION SYSTEM UPGRADES

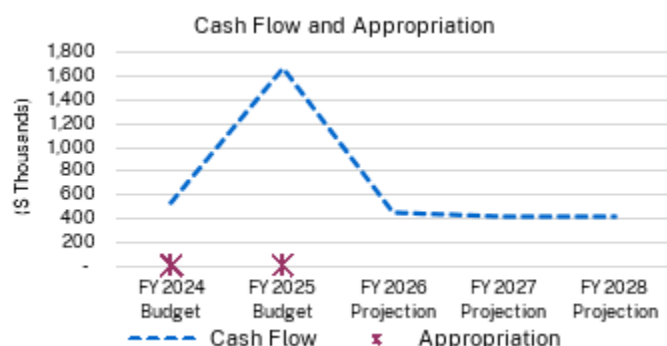
Lead Department:

Engineering & Construction

In Service Date:

6/30/2035

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	3,459	537	1,656	439	408	419
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

New pressure zone (PZ) studies provide data for planning water distribution system projects, such as new reservoirs or pipelines.

PZ rezonings cover projects that rezone customers to a higher pressure zone. Projects come from a prioritized list of potential rezonings resulting from distribution system operational issues and/or verified customer complaints.

Cultural resources consultants provide on-call cultural and paleontological resource management support for planned and unplanned work, including site studies and unanticipated discoveries.

Valve studies include the design and installation of remote control Dual Tank Isolation Valves and recommendations of the Distribution System Valve Study that documented and improved existing practices for valves, spacing, inspection, installation, maintenance, and asset management.

FY 2022 - FY 2023 accomplishments include the completion of the Distribution System Valve Study and two rezonings. FY 2024 - FY 2028 planned milestones include installation of distribution valves per recommendations of the Distribution System Valve Study, and completion of the Withers Reservoir Service Relocations and one or more rezoning.

Award Purpose:

Pressure Zone Studies

Award Number:

7000271

Award Name:

MISCELLANEOUS PLANNING STUDIES

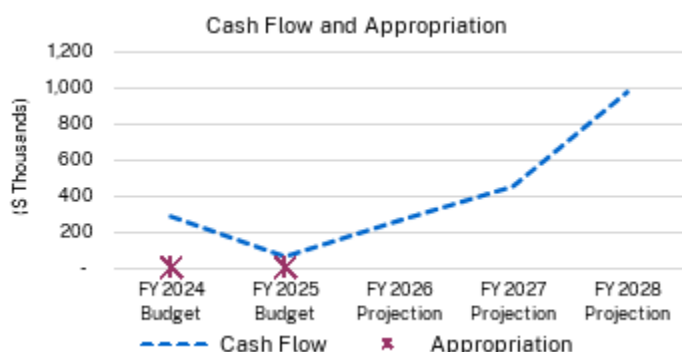
Lead Department:

Engineering & Construction

In Service Date:

6/30/2032

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	2,034	289	59	262	450	974
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This is an ongoing project to improve workflows and support decision-making for infrastructure planning and prioritization, and to optimize operations for energy, water quality, and emergency preparedness. This project includes Enterprise Hydraulic Modeling to develop and maintain hydraulic models and the Demand Study to maintain and update demand projections.

In FY 2022 - FY 2023 accomplishments included ongoing administration of the hydraulic models and demand projections and upgrade of the Info360 software and database that integrates Supervisory Control and Data Acquisition (SCADA) data into hydraulic models.

Planned work for FY 2024 - FY 2028 includes ongoing administration of the hydraulic models and demand projections, as-needed updates to the hydraulic models to account for system changes, and a mid-cycle update to the demand projections to account for recent and future development and water consumption trends.

Award Purpose:

Pressure Zone Studies

Award Number:

7000065

Award Name:

PRESSURE ZONE IMPROVEMENTS

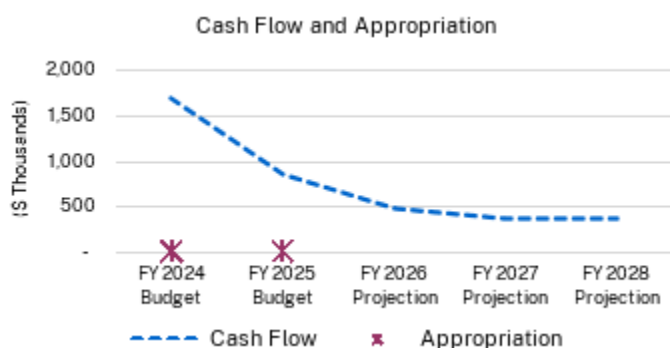
Lead Department:

Engineering & Construction

In Service Date:

6/30/2040

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	3,729	1,680	853	470	364	362
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This is an ongoing project to develop and prioritize infrastructure improvement recommendations to address pressure zone (PZ) operations. The project includes the Resilient Grid Study to improve the recovery of water service after a major seismic event, the Distribution System Master Plan (DSMP) to prioritize and schedule all PZ recommendations, the Collaborative and Holistic Pipeline Plan (CHPP) to develop a blueprint to inform the selection and sizing of pipeline replacements, and PZ Studies to recommend improvements to address pressure zone and regional operations.

FY 2022 - FY 2023 accomplishments included the Colorado PZI Study Update, the Joaquin Miller PZI Study, completion of the CHPP blueprint procedures and webpage viewer, approximately 30 percent of the CHPP PZ blueprints, and an update to the DSMP.

Planned work for FY 2024 - FY 2028 include completion of the Maloney PZ Planning Study, East of Hills System Study, Lake Chabot Golf Course service relocation, Joaquin Miller Pumping Plant Study, Summit PZ Study, Resilient Grid Study, and the remaining 70 percent of the CHPP PZ blueprints.

Award Purpose:

Pressure Zone Studies

Award Number:

7000224

Award Name:

WEST OF HILLS MASTER PLAN

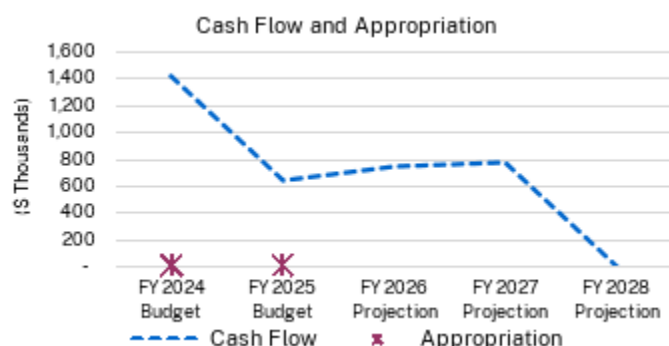
Lead Department:

Engineering & Construction

In Service Date:

6/30/2028

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	3,558	1,407	642	743	766	-
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

The West of Hills (WOH) Master Plan is a comprehensive regional plan that addresses water treatment plant storage and transmission capacity for the WOH area, focusing on the Central, Aqueduct, and Upper San Leandro pressure zones. The WOH Master Plan recommended improvements at three water treatment plants, two pumping plants, five water storage reservoirs, and approximately 120,000 feet of transmission pipelines. In FY 2019, an additional project was recommended to decommission the San Pablo Water Treatment Plant (WTP).

The WOH Master Plan project includes completing the environmental documentation for the recommended improvements. Individual projects will be grouped together into several Environmental Impact Reports (EIR), Mitigated Negative Declarations (MND), and Notice of Exemptions (NOE). In FY 2022 - FY 2023, the Fontaine Pumping Plant (PP) MND was completed and approved, and planning started on the Wildcat PP MND, Sobrante WTP EIR, and WOH Central Pipelines MND. Planned work for FY 2024 - FY 2028 includes completing the environmental documentation started in FY 2022 - FY 2023 and starting the WOH Southern Pipelines EIR in FY 2025.

Award Purpose:

Process & System-Wide Improvements

Award Number:

7000272

Award Name:

DATA & TELECOM INFRASTRUCTURE

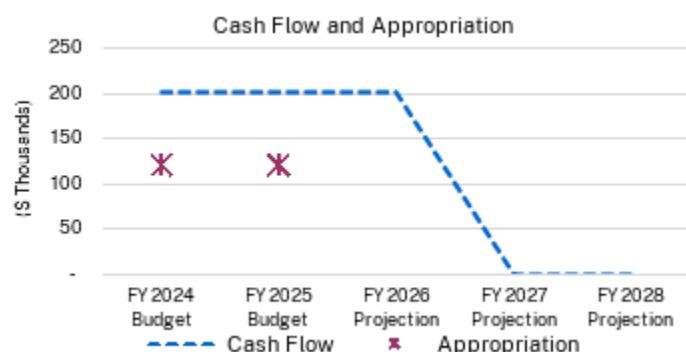
Lead Department:

Information Services Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	600	200	200	200	-	-
Appropriation	241	121	121			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

The Voice over IP (VoIP) telephone system implementation requires the existing network cabling to be brought up to high-speed data specifications, the replacement of telephones, network switches, voice gateways, telephony circuits and porting of digital and analog telephone numbers. The project will migrate 337 digital and analog telephone lines to VoIP services at 18 locations, and replace 524 older IP telephone sets at the existing VoIP locations. The VoIP project will be executed over the next three years, averaging 6 sites migrated per year. Once completed the District will have more than 2,000 VoIP phones in operation.

Award Purpose:

Process & System-Wide Improvements

Award Number:

7000007

Award Name:

ENGINEERING IT

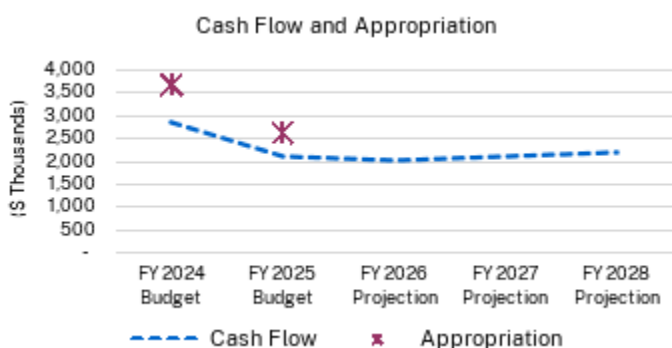
Lead Department:

Engineering & Construction

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	11,174	2,841	2,087	2,009	2,080	2,157
Appropriation	6,258	3,649	2,609			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project provides maintenance and upgrades to the Computer-Aided Design and Manufacturing (CAD/CAM), Geographic Information System (GIS), and distribution system maps and associated data. Mapping and GIS data is used District-wide and by other public agencies. CAD/CAM is also used to create design and construction drawings for all facilities and distribution system pipelines. This work also identifies areas to improve drafting and design workflows, update the Computer-Aided Design (CAD) process, and incorporate Building Information Modeling (BIM).

In FY 2024 - FY 2028, work includes GIS database and desktop software upgrades, water network data model migration, and periodic major software updates to take advantage of new functionality to ensure system integrity and increase productivity. The Pipeline Infrastructure Division CAD systems were converted from Bentley MicroStation to Autodesk AutoCAD Civil 3D in FY 2023.

Award Purpose:

Process & System-Wide Improvements

Award Number:

7000343

Award Name:

EQUIPMENT REPLACEMENT FUND: CURRENT DATA SECURITY STANDARD (DSS), SERVER & NETWORK EQUIPMENT

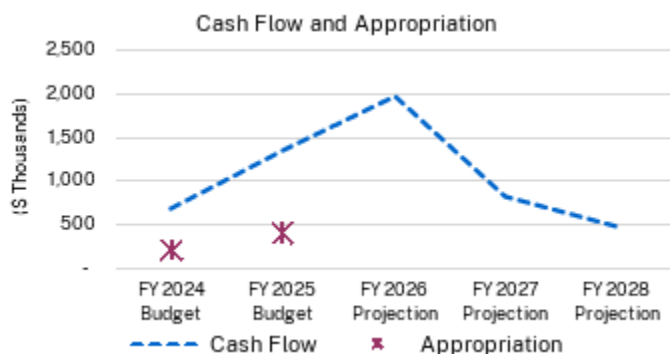
Lead Department:

Information Services Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	5,267	684	1,344	1,963	812	464
Appropriation	591	199	392			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This Equipment Replacement Fund (ERF) serves to replace major computing equipment in the server rooms and wiring closets to support the compute infrastructure. Equipment includes large data storage systems, backend servers, and core networking equipment, including routers and switches. Each equipment category has a unique technology refresh cycle. Networking equipment without moving parts has a longer cycle whereas disk storage units require more frequent replacements. The "smoothing" award appropriates funds for the lifecycle replacement on an ongoing basis; the "current" award replaces assets on an as-needed basis. This allows for expansion of storage systems to house the ever-increasing amount of data that the District is generating, the number of applications supporting the business and reliable data communications between District locations.

Award Purpose:

Process & System-Wide Improvements

Award Number:

7000342

Award Name:

EQUIPMENT REPLACEMENT FUND: CURRENT PCs, DESKTOPS, LAPTOPS

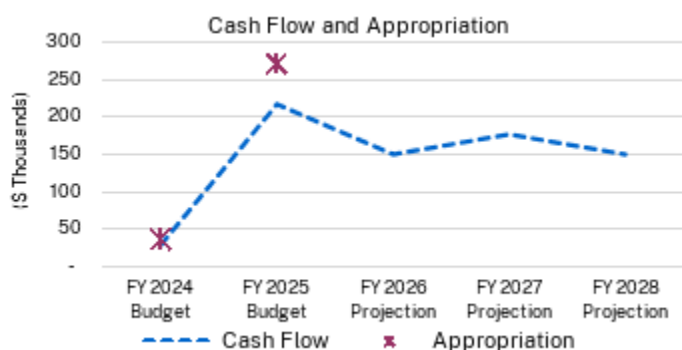
Lead Department:

Information Services Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	716	28	216	148	176	148
Appropriation	305	35	270			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This Equipment Replacement Fund (ERF) serves to replace aging desktop and laptop computers that have reached the end of their useful lives. Typically desktop computers are replaced on a five-year cycle and laptops are replaced on a four-year cycle due to wear and tear on the portable equipment. The "smoothing" award appropriates funds for the lifecycle replacement on an ongoing basis; the "current" award replaces assets on an as-needed basis. Additionally, as we install new software to upgrade to the newest Windows operating system, more computing power is required. Desktop and laptop computers (like other technologies) will offer more powerful computer power for the same or less money with each year of release. The ERF is designed to meet the ever-increasing demand from District users in order to perform their work.

Award Purpose:

Process & System-Wide Improvements

Award Number:

7000344

Award Name:

EQUIPMENT REPLACEMENT FUND: PURCHASES FOR COPIERS

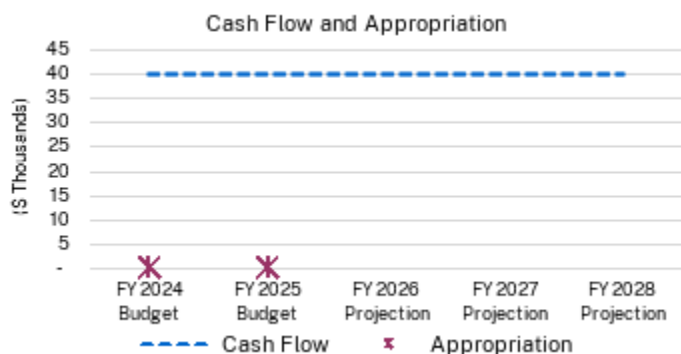
Lead Department:

Finance

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	200	40	40	40	40	40
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This ongoing effort supports the acquisition and maintenance of print solutions District-wide, on an as-needed basis.

Award Purpose:

Process & System-Wide Improvements

Award Number:

7000359

Award Name:

EQUIPMENT REPLACEMENT FUND: SMOOTHING DATA SECURITY STANDARD (DSS), SERVER & NETWORK EQUIPMENT

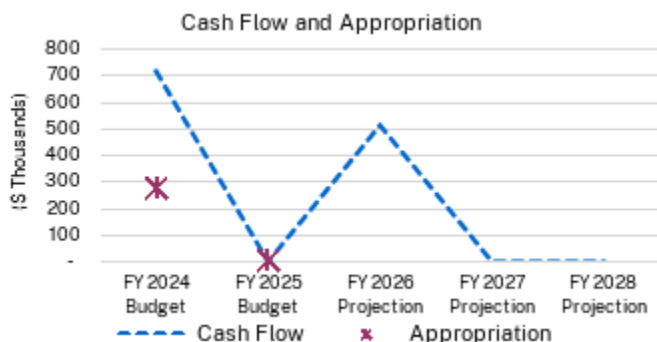
Lead Department:

Information Services Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	1,228	716	-	512	-	-
Appropriation	272	272	-			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This Equipment Replacement Fund (ERF) serves to replace major computing equipment in the server rooms and wiring closets to support the compute infrastructure. Equipment includes large data storage systems, backend servers, and core networking equipment, including routers and switches. Each equipment category has a unique technology refresh cycle. Networking equipment without moving parts has a longer cycle whereas disk storage units require more frequent replacements. The "smoothing" award appropriates funds for the lifecycle replacement on an ongoing basis; the "current" award replaces assets on an as-needed basis. This allows for expansion of storage systems to house the ever-increasing amount of data that the District is generating, the number of applications supporting the business and reliable data communications between District locations.

Award Purpose:

Process & System-Wide Improvements

Award Number:

7000358

Award Name:

EQUIPMENT REPLACEMENT FUND: SMOOTHING PCs, DESKTOPS, LAPTOPS

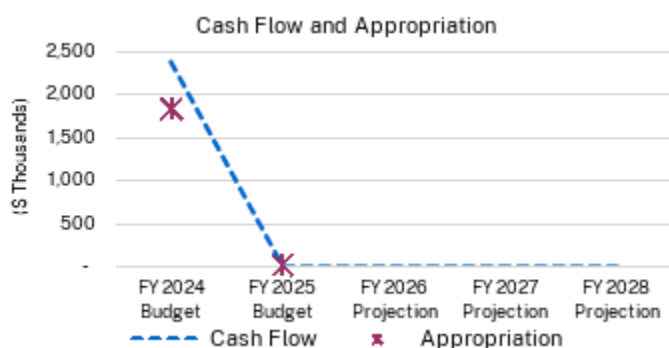
Lead Department:

Information Services Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	2,376	2,376	-	-	-	-
Appropriation	1,822	1,822	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This Equipment Replacement Fund (ERF) serves to replace aging desktop and laptop computers that have reached the end of their useful lives. Typically desktop computers are replaced on a five-year cycle and laptops are replaced on a four-year cycle due to wear and tear on the portable equipment. The "smoothing" award appropriates funds for the lifecycle replacement on an ongoing basis; the "current" award replaces assets on an as-needed basis. Additionally, as we install new software to upgrade to the newest Windows operating system, more computing power is required. Desktop and laptop computers (like other technologies) will offer more powerful computer power for the same or less money with each year of release. The ERF is designed to meet the ever-increasing demand from District users in order to perform their work.

Award Purpose:

Process & System-Wide Improvements

Award Number:

7000200

Award Name:

HRIS REPLACEMENT

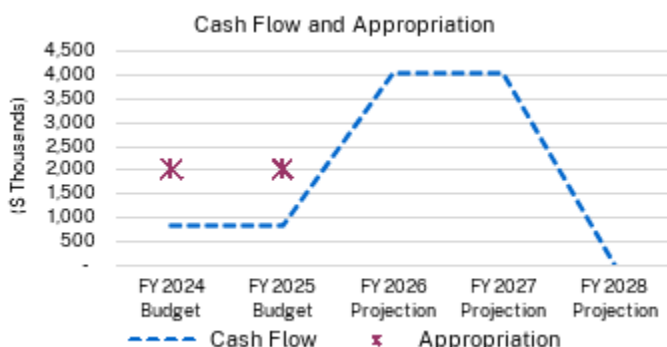
Lead Department:

Information Services Department

In Service Date:

6/30/2027

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	9,600	800	800	4,000	4,000	-
Appropriation	4,000	2,000	2,000			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

The PeopleSoft Human Resources Information System (HRIS) is reaching the end of its useful life and support for the product is limited. Loss of support would increase the risk of failure of the District's human resources (HR) functions and make it difficult to implement required tax and regulatory updates.

This project is a joint effort of the Information Systems, Human Resources and user departments to replace the HRIS system. The project will be delivered in two phases: Phase 1 will replace the Retirement System; Phase 2 will replace the Core HR functionality and retire the PeopleSoft system. Development of the Retirement System began in April 2023. Preparing a Requests for Proposals, evaluating and selecting alternatives for the Core HR system will take place in FY 2024.

Award Purpose:

Process & System-Wide Improvements

Award Number:

7000029

Award Name:

OP/NET SYSTEM IMPROVEMENTS

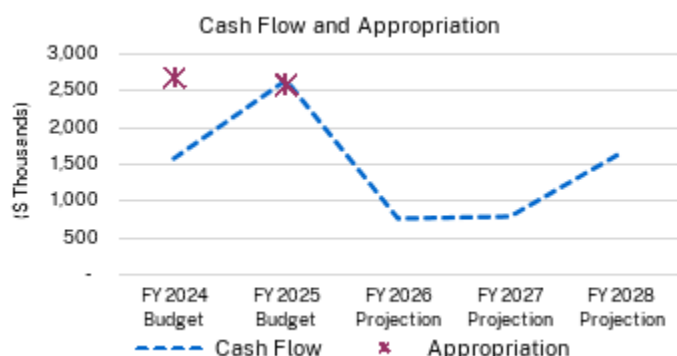
Lead Department:

Water Operations

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	7,335	1,570	2,618	742	768	1,637
Appropriation	5,236	2,663	2,573			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project consists of ongoing component upgrades and replacements for the OP/NET System to ensure that it reliably and securely obtains water system information and reports process data to system operators, engineers, and planners. The OP/NET System includes the Security System, Supervisory Control and Data Acquisition (SCADA) system, wired and wireless communication networks, monitoring and control equipment at over 300 facilities, and distributed control systems (DCS) to provide operations staff with the ability to control and monitor water production, treatment, distribution, hydroelectric power generation and field facilities. Hardware, software, and components need replacements and upgrades to ensure reliability and security.

In FY 2022 - FY 2026, upgrade of the SCADA system and ICS infrastructure will continue, and deployment of additional wireless communication and security/network equipment will coincide with the RTU replacement project. Also, another ICS cybersecurity assessment will be performed followed by any mitigations recommended by the assessment.

In FY 2024 - FY 2025, the core SCADA system will get upgraded with new hardware and software to ensure up-to-date security and features. As cybersecurity concern rises across the country, an up-to-date SCADA system assures the District will receive the latest patches to any vulnerabilities. In addition, SCADA display will also get updated to incorporate latest industry standards.

Award Purpose:

Process & System-Wide Improvements

Award Number:

7000165

Award Name:

PLANNED METER REPLACEMENTS

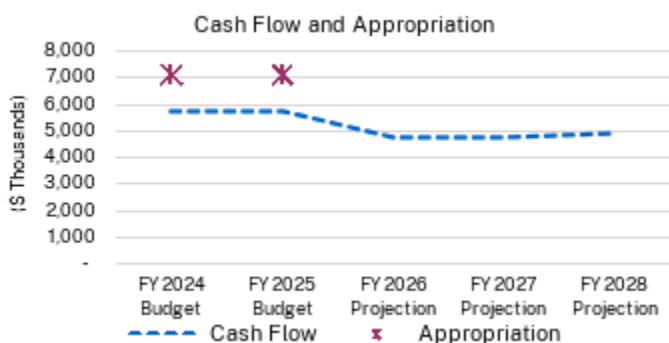
Lead Department:

Maintenance & Construction Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	25,713	5,667	5,667	4,751	4,751	4,876
Appropriation	14,168	7,084	7,084			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This ongoing project replaces water meters and meter boxes at the end of their useful lives, and replaces meters that are believed to be reading inaccurately. In FY 2020, approximately 11,900 residential meters, 1,240 small commercial meters, and 11 large commercial meters were replaced. Approximately 18,000 meters were replaced in FY 2021. In future years, replacements are planned to total 20,500 meters per year to improve reading accuracy. In FY 2019, a grant was received and 10,000 meters were replaced with an integrated system of smart meters under the new Advanced Metering Infrastructure (AMI) pilot project. The project also includes equipment to collect data from these automated meters as the District considers replacing the current meters with AMI meters.

Award Purpose:

Process & System-Wide Improvements

Award Number:

7000085

Award Name:

SECURITY IMPROVEMENTS

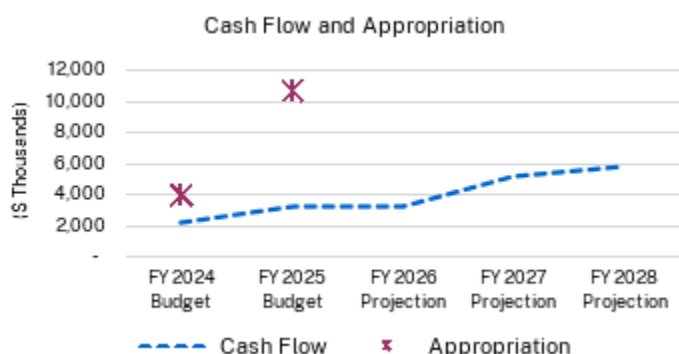
Lead Department:

Engineering & Construction

In Service Date:

6/30/2023

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	19,292	2,159	3,178	3,173	5,070	5,713
Appropriation	14,483	3,906	10,577			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project will upgrade of the Centralized Security System using the latest security guidelines and standards.

FY 2024 - FY 2028 work includes security improvements for service centers and yards, key pumping plants and reservoirs, aqueduct facilities, upcountry facilities, and water treatment plants. Funding is also included for miscellaneous security improvements to various facilities as needed, to address regulatory requirements and personnel safety concerns.

Award Purpose:

Process & System-Wide Improvements

Award Number:

7000325

Award Name:

WATER LOSS CONTROL

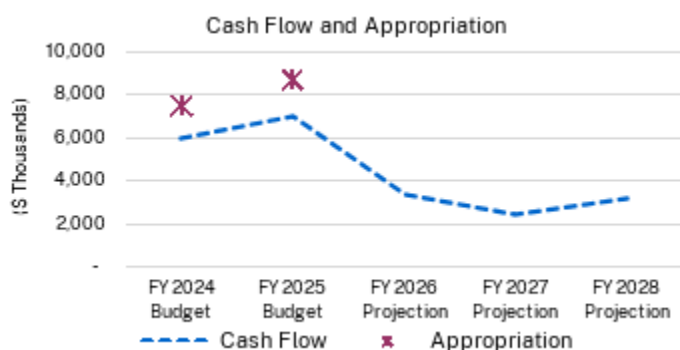
Lead Department:

Operations & Maintenance Support

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	21,710	5,964	6,925	3,319	2,371	3,131
Appropriation	16,109	7,455	8,654			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project supports compliance associated with California Senate Bill 555, Water Loss Management. The project is composed of activities to reduce apparent and real water losses through meter replacement, leak detection, and pressure management. Previous accomplishments included doubling the size of the automated acoustic leak detection network, meeting the key performance indicator for the infrastructure leakage index, completion of a Metering Improvements Plan, and commencement of the first water loss control master plan. Planned work in FY 2024 - FY 2028 includes completion of the design and construction phases of improvements to flow meters for water treatment plants and large customers, completion of the water loss control master plan, completion of two manual leak detection surveys, and annual verification of water treatment plant flow rates to improve the accuracy of the water audit. Planned work in FY 2028 - FY 2032 includes completion of construction of improvements to flow meters for additional large customers and compliance with the State Water Resources Control Board's regulatory limit for water loss.

Award Purpose:

Process & System-Wide Improvements

Award Number:

7000317

Award Name:

WORK MANAGEMENT SYSTEMS REPLACEMENT

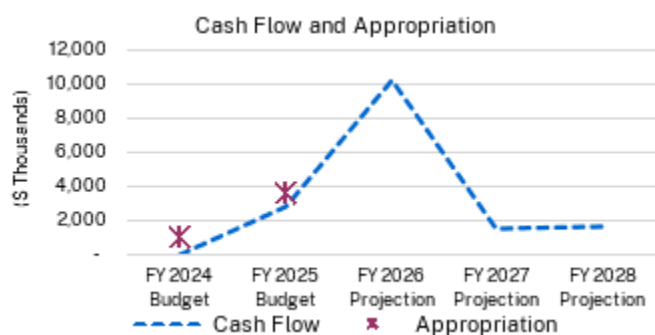
Lead Department:

Information Services Department

In Service Date:

6/30/2027

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	15,990	-	2,807	10,142	1,506	1,534
Appropriation	4,546	985	3,561			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

The existing workplace technology environment consists of multiple standalone applications that are written in outdated languages and provide overlapping functionality. This project consolidates the functionality into a single application that will minimize maintenance and improve the ability to leverage information between work groups to ensure a reliable system for field maintenance work.

This project is a joint effort of Information Systems, Operation Maintenance and user departments to replace the group of work management systems (WMS) which include the general work order system, concrete order system, paving order system, and the asset and infrastructure management system. The District supports multiple WMS applications that are written in outdated software and difficult to maintain. Evaluating and selecting replacement alternatives is in progress and planning for vendor selection and implementation will begin in FY 2024.

Award Purpose:

Pumping Plants

Award Number:

7000033

Award Name:

PUMPING PLANT REHABILITATION

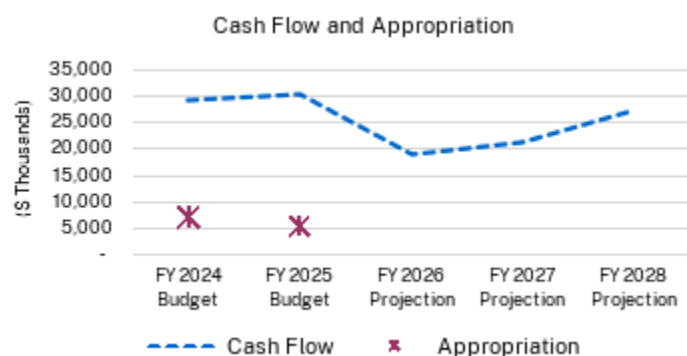
Lead Department:

Engineering & Construction

In Service Date:

6/30/2035

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	126,820	29,219	30,223	18,886	21,301	27,190
Appropriation	12,222	7,014	5,208			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

The Distribution Pumping Plant Infrastructure Rehabilitation Plan (IRP) was updated in 2022 and identifies the highest priority pumping plants (PP) for rehabilitation, replacement, or demolition.

In FY 2022, construction contracts were awarded for replacement of Westside PP, demolition of Encinal PP, and rehabilitation of Madrone and Palo Seco Pumping Plants.

FY 2023 - FY 2028 work includes planning, design and/or construction at 29 of the 130 distribution PP, including: Westside, Encinal, Madrone, Palo Seco, Fay Hill, Ridgewood, Crest, Hill Mutual, Bryant PP Complex (Bryant No. 1, Bryant No. 2, Colorados, and Leland), Montclair, Proctor, Dos Osos, Summit West, Aqueduct, Berryman West, Castenada, Welle, Rolph, Castle Hill, Fontaine, Valory, Echo Springs, Summit North, Crockett, Quarry, and Summit South PPs. New facilities that include planning, design, and/or construction in FY 2023 - FY 2028 include Happy Valley, Sunnyside, Wildcat, Tice, Withers and a new Southern Loop PP and Rate Control Station.

FY 2029 - FY 2032 will include work at existing Pearl, Stott, and Donald PP.

Award Purpose:

Raw Water System

Award Number:

7000185

Award Name:

MOKELUMNE AQUEDUCTS NUMBER 2 & 3 RELINING

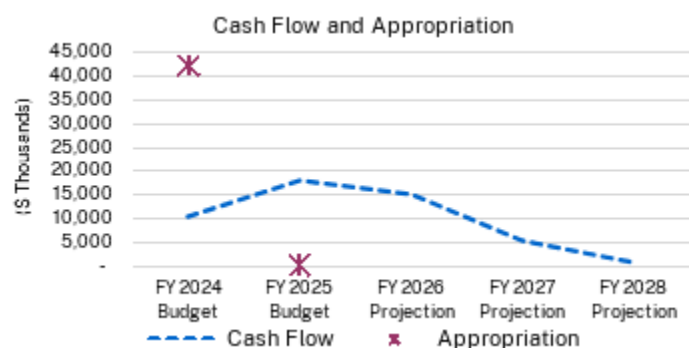
Lead Department:

Engineering & Construction

In Service Date:

6/30/2034

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	48,554	10,094	17,840	14,744	5,236	640
Appropriation	41,871	41,871	-			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

The Mokelumne Aqueduct System consists of three large diameter pipelines that convey untreated water to the District's Water Treatment Plants. This project will replace the deteriorated cement motor lining (CML) in Mokelumne Aqueducts No. 2 (MOK2) and No. 3 (MOK3) to protect the steel pipelines from internal corrosion. Inspections of the elevated Delta reach revealed that 10 miles of the CML in MOK2 and MOK3 need replacement. Inspections of MOK2 indicate that 65 miles of the below ground pipeline reaches also need CML replacement. Prior to relining, it is necessary to design and construct raw water treatment facilities to minimize corrosion.

FY 2024 - FY 2025 work includes design of two miles of above ground MOK2 relining, researching new cement mortar lining mix designs, and pre-design of raw water treatment facilities for corrosion control. FY 2026 work includes construction of two miles of above ground MOK2 relining.

FY 2026 - FY 2028 work includes design and construction of above ground MOK3 relining. FY 2028 - FY 2042 work includes design and construction of remaining underground MOK2 relining.

Award Purpose:

Raw Water System

Award Number:

7000155

Award Name:

MOKELUMNE AQUEDUCTS RECOATING

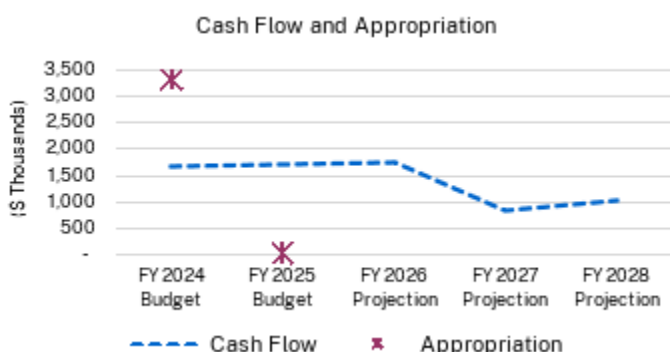
Lead Department:

Engineering & Construction

In Service Date:

6/30/2028

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	6,924	1,648	1,698	1,748	810	1,020
Appropriation	3,294	3,294	-			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project continues the ongoing removal of existing lead-based paint and recoating above-ground sections of the Mokelumne Aqueducts in the Delta. The work typically takes place during the dry summer season and temporarily shuts down during the wet and cooler winter.

FY 2024 - FY 2028 work includes recoating the approximately 60 gully crossings for Aqueduct No. 1 - Phase 13 of the Mokelumne Aqueduct Recoating Project.

Award Purpose:

Raw Water System

Award Number:

7000061

Award Name:

RAW WATER INFRASTRUCTURE

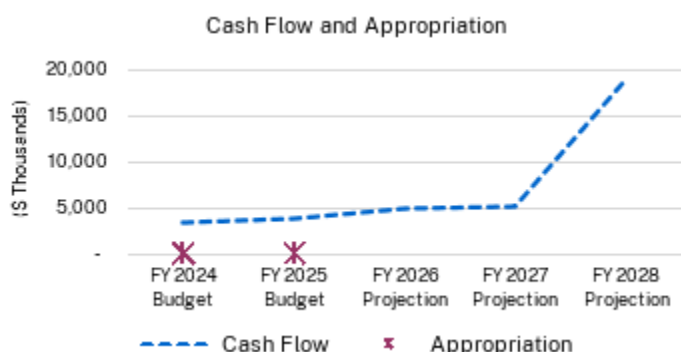
Lead Department:

Engineering & Construction

In Service Date:

6/30/2031

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	36,027	3,366	3,710	4,950	5,010	18,992
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project consists of evaluating and improving the untreated raw water system to reliably meet operational requirements.

FY 2024 - FY 2028 work includes: abandon Upper San Leandro (USL) #1 pipeline, design of the Mokelumne Aqueduct 3 base isolator improvements, planning and design of the Briones Upgrades and Rehabilitation, research the installation of a fiber optic monitoring system at the Concord Green Valley fault, planning and design of the Old River cover restoration, planning and design of the Jones Tract Scour Protection, design of LAF1 Relining; design and construction of the Mokelumne Aqueduct 1 bent replacement at station 2480, planning and design of the Moraga Raw Water Pumping Plant Rehabilitation, planning and design of Pardee Tunnel Access Improvements, and design and construction of the Pardee Center elevated tank replacement.

FY 2029 - FY 2031 work includes developing the 2030 Raw Water Master Plan, Mokelumne Aqueduct 2 base isolator improvement construction, Briones upgrades and rehabilitation construction, Old River cover restoration construction, Jones Tract Scour Protection construction, Lafayette Reservoir Relining construction, Moraga Raw Water Pumping Plant Rehabilitation construction, and Pardee Tunnel Access Improvements construction.

Award Purpose:

Raw Water System

Award Number:

7000045

Award Name:

RAW WATER AQUEDUCT IMPROVEMENTS

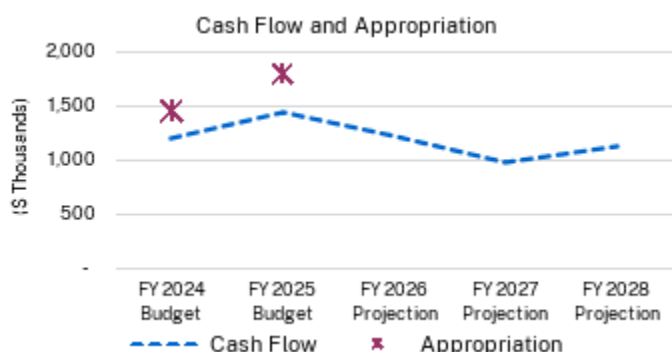
Lead Department:

Water Operations

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	5,923	1,189	1,436	1,214	971	1,113
Appropriation	3,242	1,449	1,793			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project provides infrastructure improvements to facilitate the safe and reliable operation of the raw water aqueducts and wasteways, pumping plants, terminal reservoir facilities, three service yards and over 100 miles of right of way. In FY 2024 - FY 2030, plans include improvements, repair, and capital replacements of facilities such as pipelines, pumping plants, and wasteways; service yards; fences, gates, and structures along the right-of-way; outlet towers and associated appurtenances, spillways, drains; and support equipment/materials to extend the useful life of these facilities.

This project also provides for improvements to the Delta levees for the protection of the Mokelumne Aqueducts. The District works collaboratively with the Reclamation Districts on these projects.

Award Purpose:

Recreation Areas & Facilities

Award Number:

7100004

Award Name:

CAMANCHE HILLS HUNTING PRESERVE

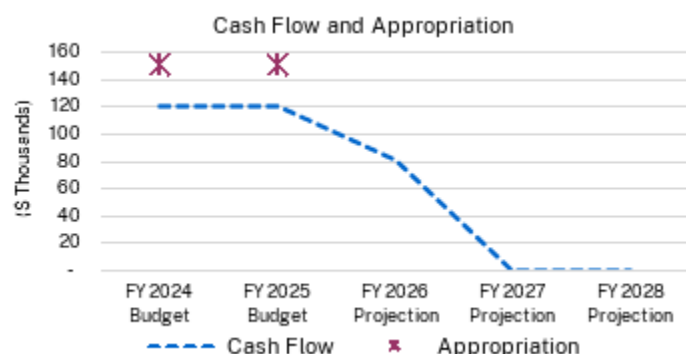
Lead Department:

Natural Resources Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	320	120	120	80	-	-
Appropriation	300	150	150			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Recreation Areas are managed to ensure public health and safety, and environmental protection. Typical projects are the capital upgrades and replacements of facilities within the Recreation Areas, including structures, utility infrastructure, launch ramps and docks, recreation halls, parking lots, maintenance facilities, campgrounds, roads, trails, and fences. The main project at the Camanche Hills Hunting Preserve for FY 2024 - FY 2025 is a feasibility study of the abatement of lead in the soil as a result of years of lead shot used for hunting, including CEQA compliance, and replacement of solar-powered well-water systems.

Award Purpose:

Recreation Areas & Facilities

Award Number:

7100009

Award Name:

CAMANCHE REC AREA IMPROVEMENT

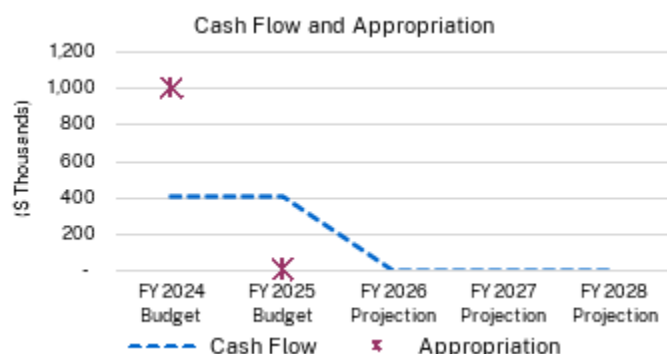
Lead Department:

Natural Resources Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	800	400	400	-	-	-
Appropriation	1,000	1,000	-			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Recreation Areas are managed to ensure public health and safety, and environmental protection. Typical projects are the capital upgrades and replacements of facilities within the Recreation Areas, including structures, utility infrastructure, launch ramps and docks, recreation halls, parking lots, maintenance facilities, campgrounds, roads, trails, and fences. There are no projects planned at the Camanche North Shore and South Shore Recreation Area in FY 2024 - FY 2025; however, cash flows are established to ensure a funding source during a transition to a new concessionaire for the recreation area.

Award Purpose:

Recreation Areas & Facilities

Award Number:

7000263

Award Name:

LAFAYETTE RECREATION INFRASTRUCTURE

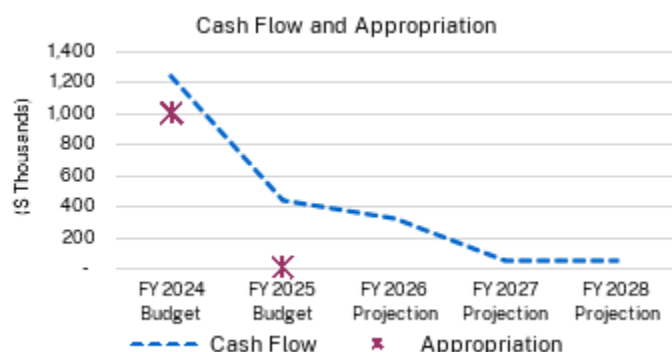
Lead Department:

Natural Resources Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	2,080	1,240	440	320	40	40
Appropriation	1,000	1,000	-			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Recreation Areas are managed to ensure public health and safety, and environmental protection. Typical projects are the capital upgrades and replacements of facilities within the Recreation Areas, including structures, utility infrastructure, launch ramps and docks, recreation halls, parking lots, maintenance facilities, campgrounds, roads, trails, and fences. Key projects at the Lafayette Recreation Area for FY 2024 - FY 2028 is the completion of a sewer lift station and force main replacement project, replacement of the rental boat dock, as well as hazardous tree removal and fuels management.

Award Purpose:

Recreation Areas & Facilities

Award Number:

7100005

Award Name:

MOKELUMNE RIVER DAY USE AREA

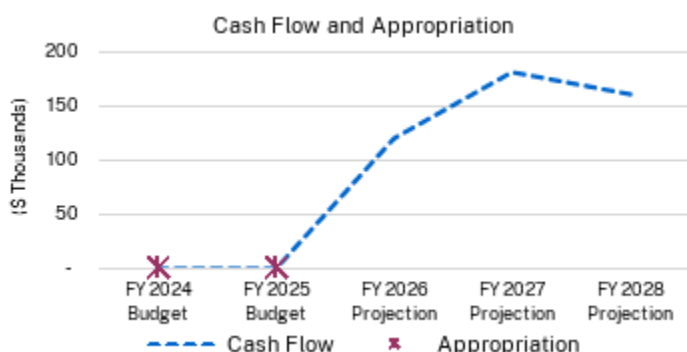
Lead Department:

Natural Resources Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	460	-	-	120	180	160
Appropriation	-	-	-			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Recreation Areas are managed to ensure public health and safety, and environmental protection. Typical projects are the capital upgrades and replacements of facilities within the Recreation Areas, including structures, utility infrastructure, launch ramps and docks, recreation halls, parking lots, maintenance facilities, campgrounds, roads, trails, and fences. Projects planned at the Mokelumne River Day Use Area in FY 2024 - FY 2028 include the re-development of the area to accommodate recreation, habitat restoration, education, and connecting the Mokelumne River Fish Hatchery and Camanche Dam, that could include a new Americans with Disabilities Act (ADA)-accessible, interpretive trail or raised boardwalk.

Award Purpose:

Recreation Areas & Facilities

Award Number:

7000196

Award Name:

PARDEE RECREATION AREA

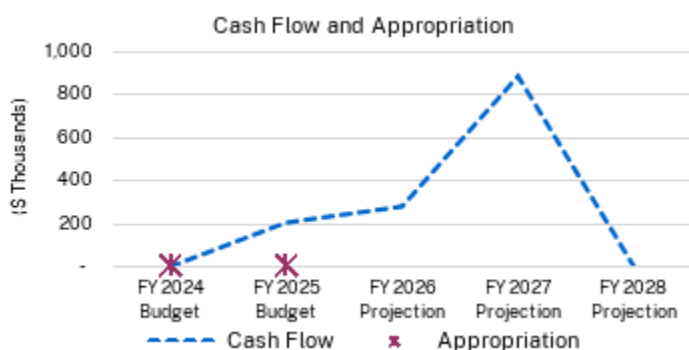
Lead Department:

Natural Resources Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	1,360	-	200	280	880	-
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Recreation Areas are managed to ensure public health and safety, and environmental protection. Typical projects are the capital upgrades and replacements of facilities within the Recreation Areas, including structures, utility infrastructure, launch ramps and docks, recreation halls, parking lots, maintenance facilities, campgrounds, roads, trails, and fences. The main project at the Pardee Recreation Area for FY 2024 - FY 2028 is the replacement of the marina undercarriage, and a new restroom/shower facility in the Oaks Campground.

Award Purpose:

Recreation Areas & Facilities

Award Number:

7000300

Award Name:

RECREATION AREA CAPITAL MAINTENANCE & IMPROVEMENTS

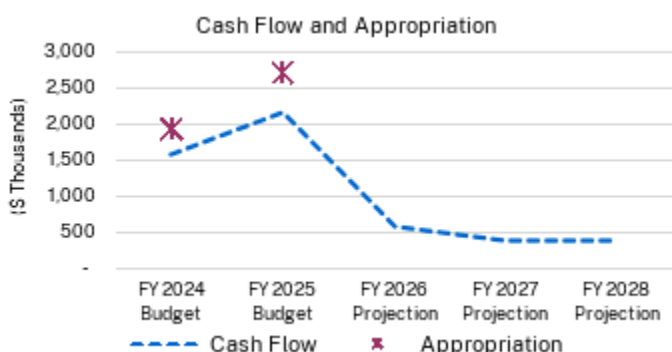
Lead Department:

Water Operations

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	5,030	1,564	2,156	560	383	367
Appropriation	4,619	1,925	2,694			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project provides for replacement and improvements to the Water and Wastewater Treatment Plants, potable water systems, waste collection systems, dams, dikes, and watershed lands at the Pardee and Camanche recreation areas. Work is required to meet water and wastewater demands and maintain regulatory compliance.

FY 2024 - FY 2030 work includes Camanche South Shore WTP raw water supply improvements, electrical system improvements, performing comprehensive assessments of wastewater collections systems, wastewater pond improvements, rehabilitation or replacement of water distribution tanks; and replacement of and improvements to treated water distribution system pipeline and valves.

Award Purpose:

Recreation Areas & Facilities

Award Number:

7000289

Award Name:

SAN PABLO RECREATION INFRASTRUCTURE

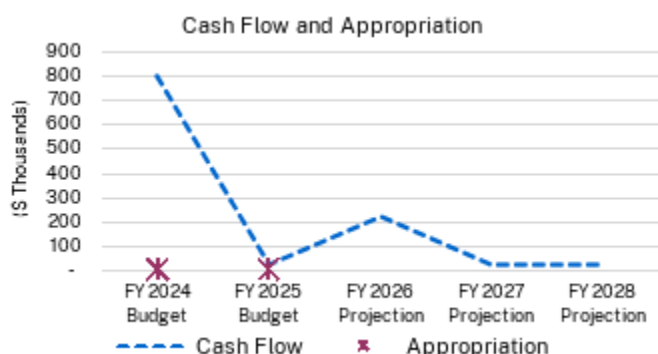
Lead Department:

Natural Resources Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	1,076	796	20	220	20	20
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Recreation Areas are managed to ensure public health and safety, and environmental protection. Typical projects are the capital upgrades and replacements of facilities within the Recreation Areas, including structures, utility infrastructure, launch ramps and docks, recreation halls, parking lots, maintenance facilities, campgrounds, roads, trails, and fences. The main project at the San Pablo Recreation Area for FY 2024 - FY 2025 is the completion of a sewer lift station and force main replacement project, as well as hazardous tree removal and fuels management.

Award Purpose:

Regulators & Rate Control Stations

Award Number:

7000089

Award Name:

RATE CONTROL STATION REHABILITATION

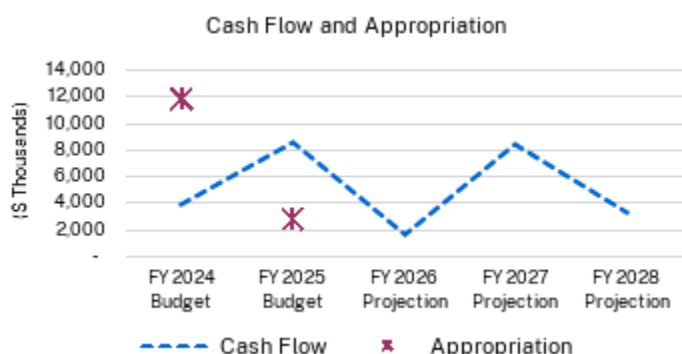
Lead Department:

Engineering & Construction

In Service Date:

6/30/2035

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	25,603	3,873	8,546	1,609	8,329	3,246
Appropriation	14,523	11,808	2,715			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Currently, there are 30 rate control station (RCS) facilities, many of which have been in operation for more than 50 years. This project involves the planning, rehabilitation, and long-term maintenance work needed to support distribution operations. Elements include pressure zone improvement work, such as installing new facilities and demolishing obsolete facilities to improve flow control within and between pressure zones; and rehabilitation improvements such as major repairs and equipment upgrades.

FY 2024 - FY 2025 work includes planning for Clayton-Fairmount, Webster, Church Street, Golf Links, Victoria, and Ney RCS; design for Church Street, Golf Links, Victoria, and Ney RCS; and initiating construction for the 82nd Avenue RCS.

In FY 2026 - FY 2028, work continues with construction of Clayton-Fairmount, Webster, Church Street, Golf Links, Victoria, and Ney RCS.

FY 2029 - FY 2033 work includes planning, design, and construction of 73rd Avenue, Genoa No. 1, Genoa No. 2, Hollis, John, Castro Valley, and Dunsmuir RCS.

Award Purpose:

Regulators & Rate Control Stations

Award Number:

7000223

Award Name:

REGULATOR REHABILITATION

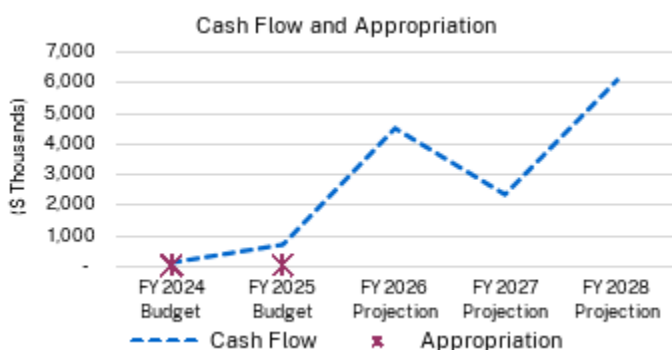
Lead Department:

Engineering & Construction

In Service Date:

6/30/2032

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	13,565	74	666	4,472	2,314	6,038
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Currently, there are 75 regulator facilities in operation with many older than 50 years. This project involves the planning, rehabilitation, and long-term maintenance responsibilities to support distribution operations. Elements include pressure zone improvement work, such as installing new facilities and demolishing obsolete facilities to improve flow control within and between pressure zones; and rehabilitation improvements, such as major repairs and equipment upgrades.

FY 2024 - FY 2025 work involves planning and design for Knight, Oakmont Memorial Park, Columbia, and Henry regulators.

FY 2026 - FY 2029 work involves construction of Knight, Oakmont Memorial Park, Columbia, and Henry regulators; and planning, design and construction of Ascot, Girvin, La Loma, Kensington, and Redwood regulators.

Award Purpose:

Reservoirs - Distribution

Award Number:

7000319

Award Name:

CHLORAMINE BOOSTING STATIONS

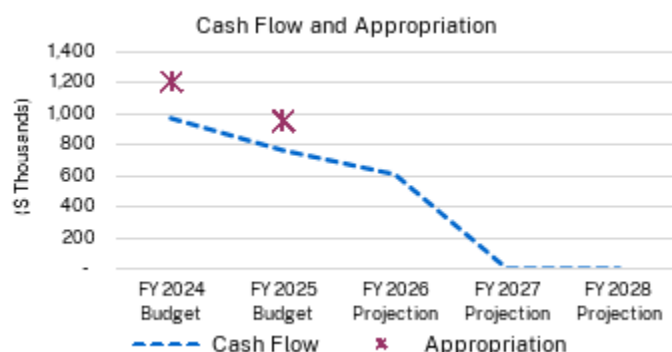
Lead Department:

Water Operations

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	2,320	960	760	600	-	-
Appropriation	2,150	1,200	950			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project funds the purchase and installation of Chloramine Boosting Stations (CBS) or Chloramine Trim Stations at distribution reservoirs that suffer from chronic low chloramine levels. This work helps protect public health, maintain regulatory levels of the distribution water, and reduces or eliminates the labor-intensive manual treatment of distribution reservoirs.

In FY 2023 - FY 2024, following the installation of a new electric service, a CBS will be installed at the Welle Reservoir followed by the installation of a remote-controlled valve at Welle Pumping Plant to assist in the distribution of CBS treated water to Ralph Pressure Zone. In FY 2024 - FY 2026 the installation of Chloramine Trim Stations at North Reservoir, Maloney Reservoir and Argyle Reservoir will help alleviate chronic low chloramine levels.

Award Purpose:

Reservoirs - Distribution

Award Number:

7000021

Award Name:

DISTRIBUTION SYSTEM WATER QUALITY IMPROVEMENTS

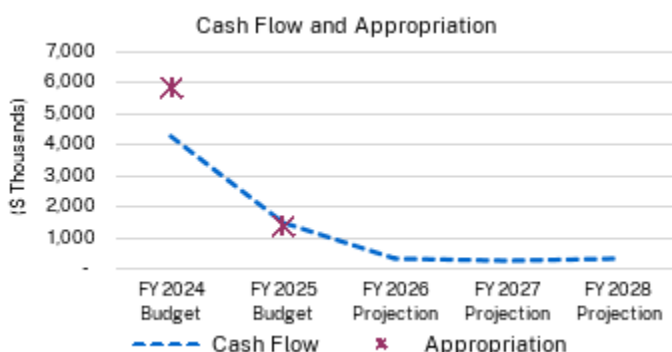
Lead Department:

Water Operations

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	6,564	4,272	1,481	289	257	266
Appropriation	7,164	5,827	1,338			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project provides ongoing improvements related to water quality in the distribution system, which is composed of more than 4,100 miles of pipeline and 165 reservoirs.

In FY 2024 - FY 2025, water age modeling of proposed water quality improvement project will evaluate the effectiveness of proposed improvements before investments are made to distribution system improvements. The purchase and installation of chloramine analyzers at distribution reservoirs throughout the distribution system will improve water quality monitoring and meet the goal of five installations per year. Air leaks in the Upper San Leandro (USL) hypolimnetic oxygenation system will be repaired in FY 2024.

Award Purpose:

Reservoirs - Distribution

Award Number:

7000017

Award Name:

OPEN-CUT RESERVOIR PROGRAM

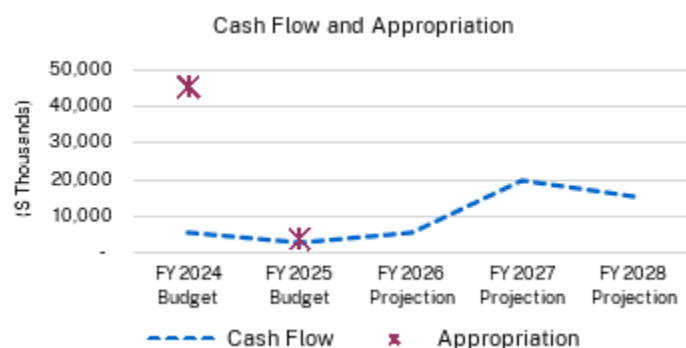
Lead Department:

Engineering & Construction

In Service Date:

6/30/2036

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	47,780	5,356	2,716	5,158	19,306	15,245
Appropriation	48,621	45,244	3,377			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Open-Cut Reservoir includes the rehabilitation, replacement, and demolition of aging open-cut reservoirs.

FY 2022 - FY 2023 work included construction of the San Pablo Clearwell Replacement Project, demolition of Seneca Reservoir in Oakland, design for the Danville odor control project, and planning for the replacement of Central Reservoir in Oakland and Almond Reservoir in Castro Valley.

FY 2024 - FY 2025 work includes design for the replacement of the Central Reservoir in Oakland and Almond Reservoir in Castro Valley.

FY 2026 - FY 2028 work includes construction of the Central Reservoir and Almond Reservoir replacement projects, and the start of design work for the replacement of Leland Reservoir in Lafayette, Maloney Reservoir in Pinole, and 39th Avenue Reservoir in Oakland.

Award Purpose:

Reservoirs - Distribution

Award Number:

7000309

Award Name:

RESERVOIR LEAK REPAIR

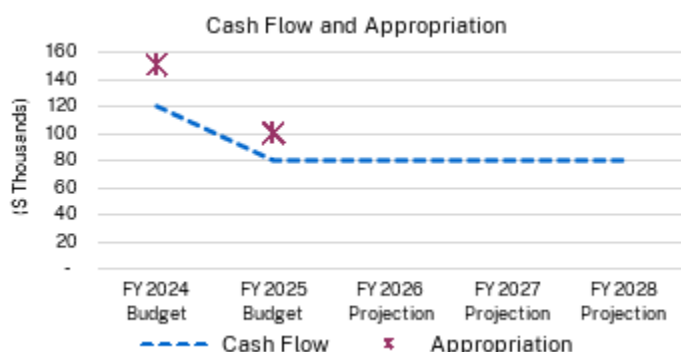
Lead Department:

Water Operations

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	440	120	80	80	80	80
Appropriation	250	150	100			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project funds emergency leak repair of distribution reservoirs with divers.

In FY 2025 the Watson Reservoir, which typically requires extensive leak repair every five years, is due for repairs and will continue to require repairs approximately every five years until the liner or complete replacement is completed.

Award Purpose:

Reservoirs - Distribution

Award Number:

7000323

Award Name:

RESERVOIR MIXING SYSTEM

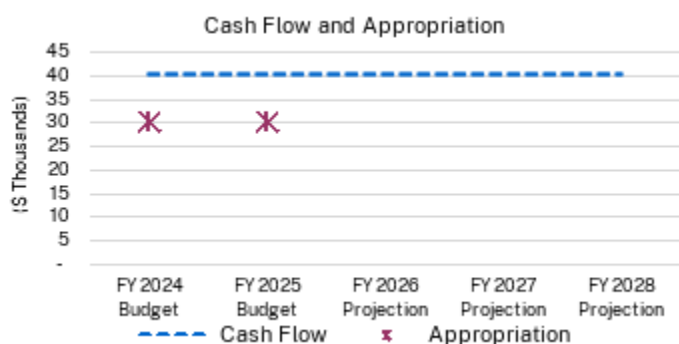
Lead Department:

Water Operations

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	200	40	40	40	40	40
Appropriation	60	30	30			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project funds the purchase and installations of distribution reservoir mixers to improve water quality.

In FY 2024 this award will fund the purchase and installation of a passive mixer on the Inlet/Outlet line at Berkeley View Reservoir and the purchase and installation of mixers at other distribution reservoirs as needed.

Award Purpose:

Reservoirs - Distribution

Award Number:

7000031

Award Name:

RESERVOIR REHABILITATION AND MAINTENANCE

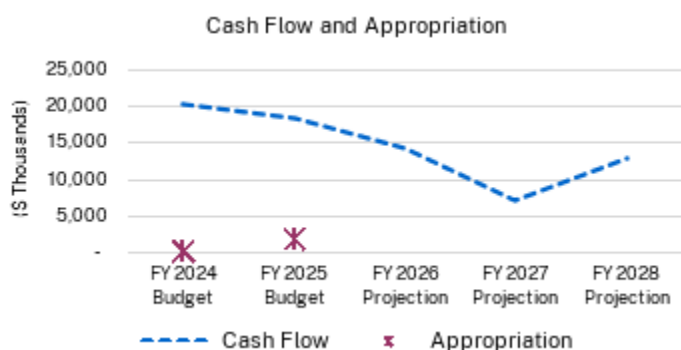
Lead Department:

Engineering & Construction

In Service Date:

6/30/2032

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	72,534	20,328	18,358	14,104	7,100	12,644
Appropriation	1,740	-	1,740			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project includes the rehabilitation and replacement of the District’s 165 steel, concrete, and redwood reservoirs and pressure vessels to maintain the existing infrastructure, improve roof safety, improve water quality, and prioritize work through the Infrastructure Rehabilitation Plan (IRP).

In FY 2022 - FY 2023, construction was completed on projects at University No. 2, Birch No. 1 and No. 2, Cull Creek, and Sherwick. Construction work began at Acorn No. 1, Derby, Scenic, Scenic East, Castenada No. 1 and No. 2, Glen, and Mulholland reservoirs. In addition, design work started on Grizzly, Castle Hill, Knife No. 1, Wiedemann No. 1, Crest, Hill Mutual, Madrone, Encinal, Swainland, Ridgewood, Arroyo, and Carter reservoirs.

In FY 2024 - FY 2028, design and construction work is planned for Acorn No. 1, Derby, Scenic, Scenic East, Castenada No. 1 and No. 2, Glen, Mulholland No. 1 and No. 2, Grizzly, Castle Hill, Knife No. 1, Wiedemann No. 1, Crest, Hill Mutual, Madrone, Encinal, Swainland, Ridgewood, Arroyo, Carter, Dos Osos, Welle, Rolph, Ardith, Selby, Verde, Luzon, Tice, Reliez, City Line, Holly, and Woods reservoirs. Planning work to support upcoming projects will continue.

Award Purpose:

Reservoirs - Supply

Award Number:

7000068

Award Name:

DAM OPERATIONAL UPGRADES

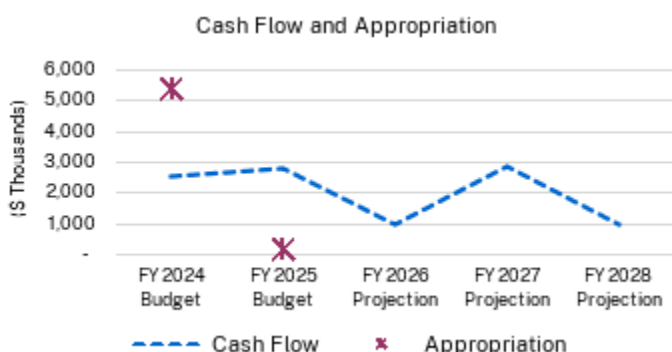
Lead Department:

Engineering & Construction

In Service Date:

6/30/2026

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	9,972	2,497	2,781	929	2,838	928
Appropriation	5,518	5,359	159			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project involves undertaking improvements to various dams and reservoirs to allow continued safe operation of the facilities. FY 2022 - FY 2023 accomplishments include: (1) dam breach analyses at Pardee and Camanche dams and dikes per the Federal Energy Regulatory Commission (FERC) requirements, (2) developing new inundation maps for the six non-jurisdictional open cut reservoirs (distribution system reservoirs) in the East Bay, (3) Unmanned Aerial Vehicle (UAV)-based spillway pilot studies and planning, (4) stilling basin cleaning and inspection, and (5) spillway drain inspections and evaluations.

FY 2024 - FY 2028 work includes: (1) developing new inundation maps for Pardee and Camanche dams and dikes in response to recommendations from the FERC 8th Part 12D inspection report, (2) lining and roof repairs at Lafayette and Dunsmuir Reservoirs, (3) implementing spillway activities such as installation of additional instrumentation and further non-destructive testing based on findings from pilot studies and evaluations, (4) terminal reservoir tunnel and outlet conduit inspections, and (5) risk evaluation studies, as part of an overall risk assessment of the District's dam facilities.

Award Purpose:

Reservoirs - Supply

Award Number:

7000131

Award Name:

DAM SEISMIC UPGRADES

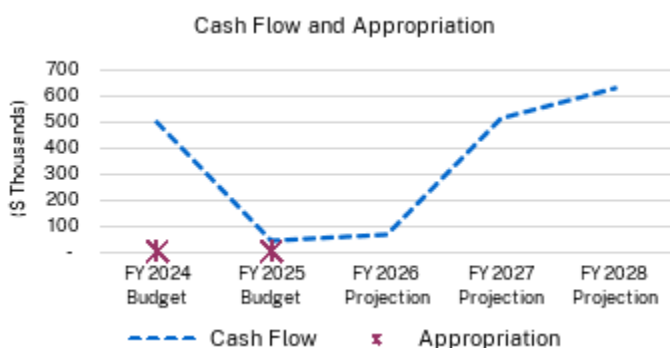
Lead Department:

Engineering & Construction

In Service Date:

6/30/2031

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	1,741	496	44	68	510	623
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project includes the seismic evaluation, design, and retrofit of the District’s dams. FY 2022 - FY 2023 accomplishments include the evaluation and testing of the post-tensioned anchors at Pardee Spillway and starting a new cycle of review at the local reservoirs to account for accumulated changes in seismic evaluation standards.

FY 2024 - FY 2028 work includes (1) completing the seismic study of the Camanche spillway and outlet, Pardee Dam, and Pardee South Spillway, (2) seismic upgrades to the soils at the toe of Camanche Dam following FERC review, approval, and subsequent directive, (3) completing the current cycle of review at local reservoirs, (4) continued environmental mitigation for San Pablo Dam, and (5) responding to portions of the Federal Energy Regulatory Commission (FERC) Potential Failure Mode Analysis and Independent Consultant Safety Inspection.

Award Purpose:

Reservoirs - Supply

Award Number:

7000167

Award Name:

DAM SURVEILLANCE IMPROVEMENTS

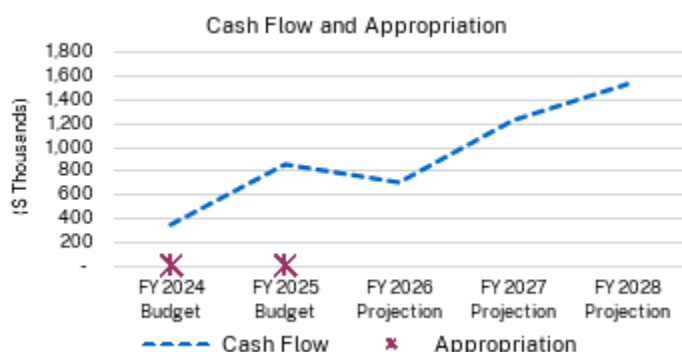
Lead Department:

Engineering & Construction

In Service Date:

6/30/2029

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	4,642	338	849	699	1,226	1,530
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

The District regularly monitors the performance and safety of its dams with routine inspections and measurements using more than 2,000 instruments including: piezometers to measure water levels in the dams and foundations, seepage weirs and relief wells to measure flow through the dams and foundations, and survey instruments and markers to measure dam settlement and displacement, load cells to measure spillway crest tie-down loads, and seismographs to measure earthquake ground motions.

FY 2023 - FY 2028 work includes: 1) piezometer rehabilitation and upgrades at Camanche and Pardee reservoirs; 2) Hydrological Surveillance Improvements at Camanche and Pardee reservoirs, including design and construction of replacement field drains and flume (MD-SDS) downstream of Camanche Main Dam; 3) cleaning of the Camanche Dike 2 relief wells; 4) installation of seismographs at Lafayette Reservoir; 5) piezometer rehabilitation and upgrades at Briones Dam to replace failed pneumatic piezometers; 6) Briones Dam Left Abutment Drainage Tunnel cleaning, 7) instrumenting Upper San Leandro (USL) Clearwell underdrain with a Supervisory Control and Data Acquisition (SCADA) system; 8) operation and maintenance of an automated Global Positioning System (GPS) survey system at Camanche and Pardee Dams; 9) design and installation of automated GPS survey systems and remote-controlled high-resolution dam cameras at the Terminal Dams; and 10) design and implementation of an automatic data acquisition surveillance data and Geographic Information System (GIS)-based dam monitoring program for centralized assessment of dam surveillance parameters and allow for rapid and comprehensive safety evaluations following an extreme event.

Award Purpose:

Reservoirs - Supply

Award Number:

7000034

Award Name:

RESERVOIR TOWER MODIFICATIONS

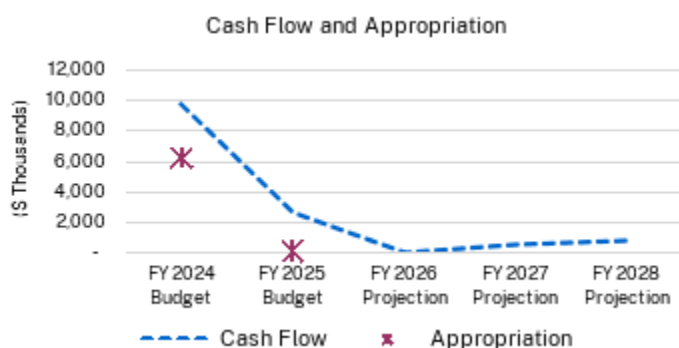
Lead Department:

Engineering & Construction

In Service Date:

6/30/2024

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	13,470	9,731	2,546	-	450	742
Appropriation	6,151	6,151	-			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project includes the seismic evaluation, design, and retrofit of six reservoir towers: Pardee Reservoir and the five Terminal Reservoirs. The seismic evaluation of Pardee Tower identified leakage in Pardee Tunnel, which was inspected in FY18 and found to be in satisfactory condition. Retrofits to Chabot Tower were completed in FY18 as part of the Chabot Dam Seismic Upgrade Project. Retrofits to the Upper San Leandro and San Pablo Towers were completed in FY 2019. In FY 2023, the design of the Briones tower retrofit was completed, and the design of Lafayette Tower is underway.

FY 2024 - FY 2028 work includes: (1) construction of the Briones Tower retrofit, (2) design and construction of the Lafayette Tower retrofit, (3) design and construction of the Briones Tower isolation valve relocation, and (4) risk evaluation studies of towers, as part of an overall risk assessment of the District's dam facilities.

Award Purpose:

Reservoirs - Supply

Award Number:

7000225

Award Name:

WATER SUPPLY MONITORING SYSTEM

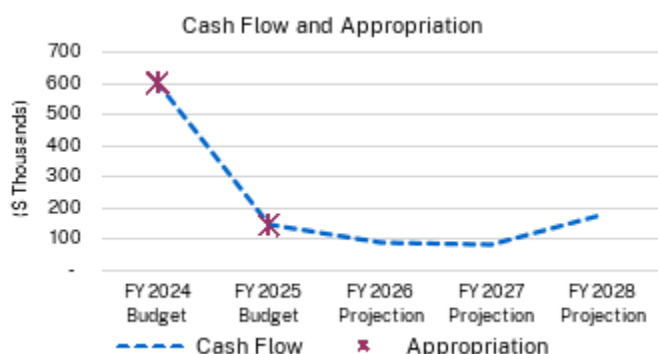
Lead Department:

Water Operations

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	1,084	598	144	86	79	177
Appropriation	743	599	144			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project provides for the development and improvement of a system for monitoring the Mokelumne and East Bay watersheds for precipitation, diversion, water flow, and storage level. This monitoring system provides near real-time information for operation and forecasting plans. Work includes monitoring on the Upper Mokelumne, Lower Mokelumne, Pardee, Camanche and East Bay watersheds and reservoirs. FY 2024 - FY 2030 plans include AQPI X-Band radar installation support, bathymetric surveys of Chabot and Camanche reservoirs, equipment upgrades, telemetry upgrades, new monitoring stations, station rehabilitations and relocations, station safety improvements, time-series software upgrades, and improved flow measurement capabilities during high flow events.

Award Purpose:

Supplemental Supply, Regional Agreements

Award Number:

7000067

Award Name:

GROUNDWATER RESOURCE DEVELOPMENT

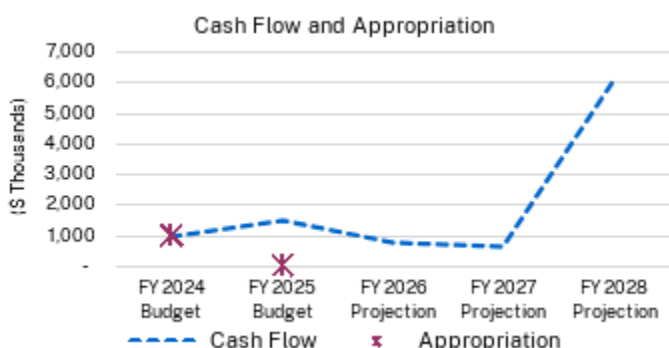
Lead Department:

Water Resources

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	9,890	931	1,454	771	616	6,118
Appropriation	1,000	1,000	-			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	100%
Vehicle Replacement Fund	
Total Funding Sources	100%

The District is actively investigating and developing groundwater resources through the Bayside program, the Demonstration Recharge Extraction and Aquifer Management (DREAM) pilot in San Joaquin County, and feasibility investigations into groundwater banking in Sacramento County. These groundwater programs and projects support the District’s Strategic Plan goals for Long-Term Water Supply by providing supplemental water supply for droughts and emergencies, increasing adaptability to climate change by allowing storage of water when available. Funding in FY 2024 and FY 2025 is to abandon the Bayside well and monitoring wells on the Oro Loma property if the lease ends on 8/31/24. Funding for a new Bayside Phase 1 well on EBMUD’s property is included in FY 2026 through FY 2033. This includes an environmental impact report (EIR), design and construction, and securing permitting and approvals to incorporate Bayside Phase 1 into the District’s operations. Operation of the DREAM Pilot Project in San Joaquin County is included in FY 2024 through FY 2026. Investigation of potential groundwater banking in Sacramento County is included in FY 2024 through FY 2033. Discussions and negotiations of larger San Joaquin County groundwater banking project will occur in FY 2024 through FY 2027, and planning, design, and construction of the larger project will start in FY 2028 and is expected to be completed in FY 2033. Bayside Phase 2 is expected to begin after FY 2033.

Award Purpose:

Supplemental Supply, Regional Agreements

Award Number:

7000324

Award Name:

IMPORTED WATER FACILITIES

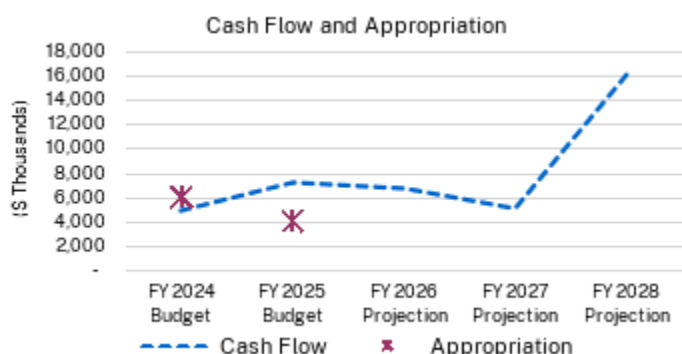
Lead Department:

Water Resources

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	39,847	4,942	7,222	6,658	4,954	16,070
Appropriation	10,000	6,000	4,000			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	100%
Vehicle Replacement Fund	
Total Funding Sources	100%

The District is evaluating potential participation in the proposed expansion of Los Vaqueros Reservoir with eight other water agencies. The project supports the District’s Strategic Plan goals for Long-term Water Supply and Water Quality and Environmental Protection by providing supplemental water supply for droughts and emergencies, increasing adaptability to climate change by allowing storage of water when available, and making water supply available for wildlife refuges.

Funding in FY 2024 through FY 2030 includes planning and design of the expanded reservoir and associated facilities, design, and construction of variable frequency drives at the Walnut Creek Raw Water Pumping Plant (WC VFDs), which EBMUD will be reimbursed for with a \$23.7 million grant, and budget for staff to complete environmental work, secure a water supply, and negotiate with the Joint-Powers Authority. Most of the reservoir construction costs occur after FY 2026.

Award Purpose:

Supplemental Supply, Regional Agreements

Award Number:

7000076

Award Name:

LOCAL REGIONAL PARTNERSHIPS

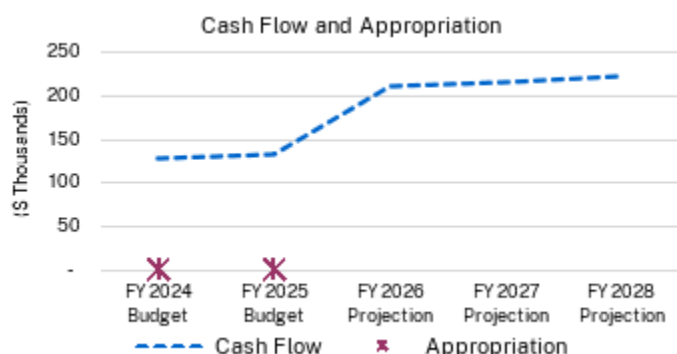
Lead Department:

Water Resources

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	904	127	131	209	215	222
Appropriation	-	-	-			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

EBMUD, together with seven other Bay Area water agencies, formed the Bay Area Regional Reliability (BARR) Project to improve regional water reliability during droughts and emergencies. BARR supports the District’s Strategic Plan goal for Long-Term Water Supply and meets the objective to integrate long-term water supply strategies and infrastructure planning efforts with regional partnerships.

Funding in FY 2024 through FY 2033 includes planning, design and construction for a drought mitigation measure project from the BARR Drought Contingency Plan or to develop a project based on recommendations from the Bay Area Shared Water Access Program (SWAP).

Award Purpose:

Supplemental Supply, Regional Agreements

Award Number:

7000314

Award Name:

SGMA COMPLIANCE

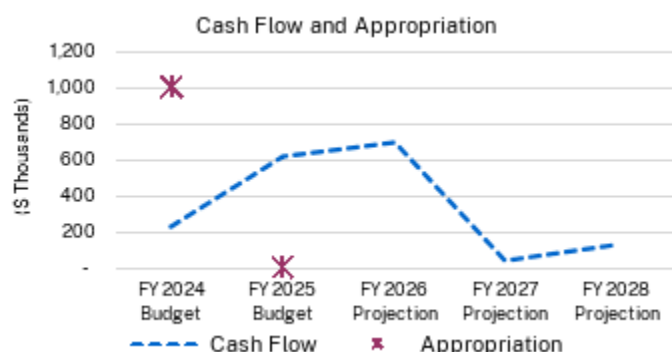
Lead Department:

Water Resources

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	1,709	226	612	699	40	131
Appropriation	1,000	1,000	-			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

In 2016 under the Sustainable Groundwater Management Act (SGMA), the District and the City of Hayward (Hayward) became the Groundwater Sustainability Agencies (GSAs) for the portions of East Bay Plain Subbasin (Subbasin) that underlie their respective service areas. As GSAs, the District and Hayward are required to complete a Groundwater Sustainability Plan (GSP) for the Subbasin and implement associated management actions. The work supports the District’s Strategic Plan goals for Water Quality and Environmental Protection and Long-term Water Supply by protecting the Sub-basin and integrating local groundwater into the District’s water supplies.

Work is funded through a cost sharing agreement with Hayward and grants. Funding in FY 2024 through FY 2026 includes installing monitoring wells and stream gauges necessary to implement anticipated management actions. Funding in FY 2027 to FY 2033 includes additional updates to the GSP and anticipated needs to implement management actions.

Award Purpose:

Supplemental Supply, Regional Agreements

Award Number:

7100007

Award Name:

WATER RIGHTS, LICENSES & PLANS

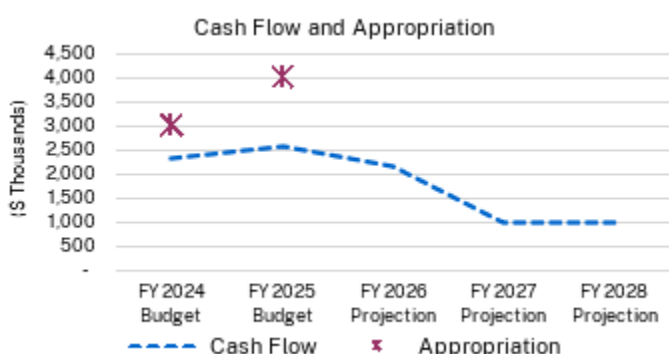
Lead Department:

Water Resources

In Service Date:

12/31/2032

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	9,020	2,312	2,548	2,160	1,000	1,000
Appropriation	7,000	3,000	4,000			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

The Urban Water Management Plan (UWMP) serves as the District's long-term water supply master plan, assessing supply and demand conditions, analyzing future water needs, and identifying capital projects that would improve water supply reliability in the Upper Mokelumne River Watershed and within the East Bay. Consulting services will be required to conduct probability-based approach to climate change impacts analysis, improve data and tools (i.e., software, machine learning tools, instrumentation) for the existing hydrologic model, feasibility analysis for reoperation, and data mining for census-based data in the service area.

The District's Federal Energy Regulatory Commission License 2916 is a major asset and is scheduled for renewal in March 2031. Renewal tasks may include investigating biological and cultural resources as well as public safety requirements. Consulting services are necessary to support required studies for the relicensing effort.

The District has water right entitlements that are associated with its major storage reservoirs and hydropower facilities. Tasks are related to assessments and improvements that would protect the value of this asset. Water rights related tasks to support specific capital projects are also part of this project such as Los Vaqueros Reservoir expansion, expansion of Demonstration Recharge Extraction and Aquifer Management project in San Joaquin and implementing terms of the Protest Dismissal Agreement for the Camanche Permit Extension.

The District also has a need to evaluate and review State and Federal modeling of proposed projects to protect existing assets (e.g., Freeport and water rights), and consulting services are necessary to augment existing staff expertise related to CALSIMII, CALSIM3, DSM2, SCHISM, and other large scale modeling applications in California.

Award Purpose:

Supplemental Supply, Regional Agreements

Award Number:

7000267

Award Name:

WATER TRANSFERS

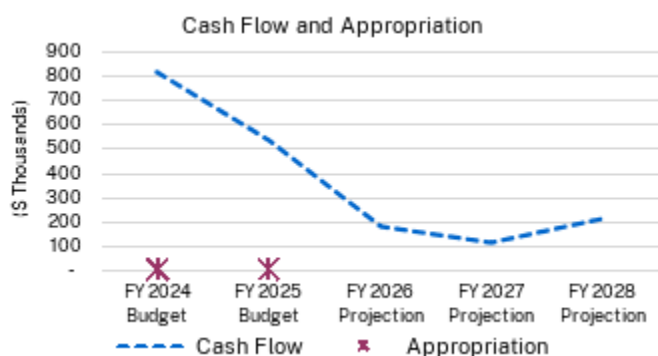
Lead Department:

Water Resources

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	1,857	817	534	178	114	214
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project includes budget to develop and implement water transfer projects to provide dry year water for EBMUD in accordance with the District’s Strategic Plan long-term water supply goal. Efforts funded include technical studies, environmental studies, and development of contracts with the Bureau of Reclamation and agreements with partner agencies. Water Transfers include a long-term water transfer project with Placer County Water Agency, two 5-year projects (through 2030) with Yuba Water Agency, and short/long term projects with Sycamore Mutual/Sac Valley Settlement Contractors.

Award Purpose:

Sustainable Energy

Award Number:

7000273

Award Name:

ENHANCED POWER REVENUE

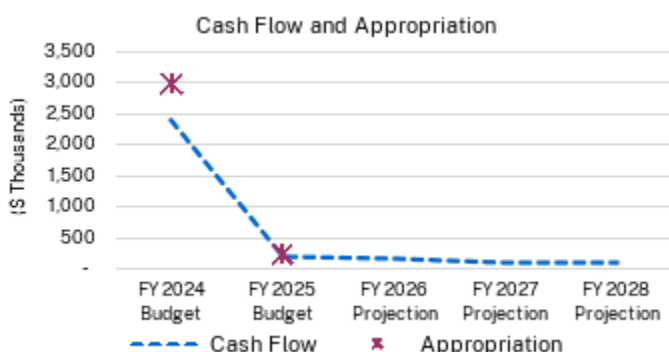
Lead Department:

Water Operations

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	2,877	2,381	176	160	80	80
Appropriation	3,196	2,976	220			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project provides ongoing funding for the development of renewable generation projects or purchase of renewable energy to support the Energy Policy goal to reduce indirect greenhouse gas emissions to zero by 2030. The project also supports efforts to fund projects that directly reduce energy consumption and energy expenses.

Construction of the 5 MW Duffel photovoltaic project will be complete in FY 2024 and will begin saving the District approximately \$750,000 per year in energy purchases at various water distribution, treatment and possibly wastewater facilities. In support of the project Enhanced Power Revenue CIP will fund completion of the electrical interconnect to the grid, environmental mitigations measures, permitting fees and required impact measures, landscape screening, compliance oversight and reporting.

Award Purpose:

Sustainable Energy

Award Number:

7100006

Award Name:

FSCC CAPITAL IMPROVEMENTS

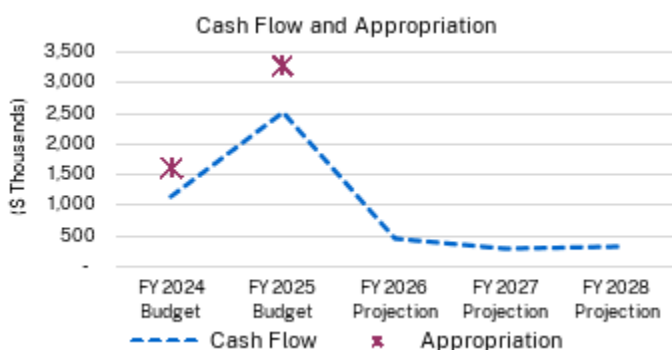
Lead Department:

Water Operations

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	4,649	1,114	2,492	443	275	326
Appropriation	4,863	1,596	3,267			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project provides for replacement and improvements to Folsom South Canal Connection (FSCC) facilities and equipment.

FY 2024 - FY 2030 work includes improvements to the hypo and captor feed and storage systems; a study to evaluate invasive species treatment strategy; variable frequency drive (VFD) motor and programmable logic controller/human machine interface (PLC/HMI) upgrades, flowmeter replacement, and replacement of the backup generators.

Award Purpose:

Sustainable Energy

Award Number:

7000117

Award Name:

POWERHOUSE IMPROVEMENTS

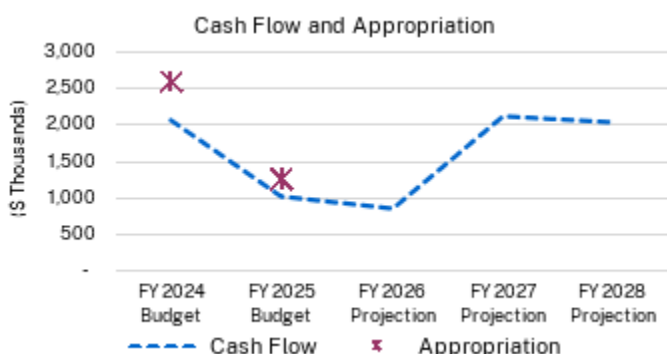
Lead Department:

Water Operations

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	8,015	2,064	995	835	2,097	2,024
Appropriation	3,822	2,579	1,243			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project provides for replacement and improvements of electrical and mechanical equipment such as turbines, generators, breakers, protective relays, valves, pipeline, and conduits to ensure reliable power production, management of river flows, and remote operation and monitoring of critical systems.

FY 2024 - FY 2030 work consists of upgrading powerhouse controls and programmable logic controllers, overhauling turbines, high voltage circuit breaker and transformer replacement, security improvements and access road improvements.

Award Purpose:

Vehicles, Equipment & Related Facilities

Award Number:

7000066

Award Name:

DIESEL ENGINE RETROFIT

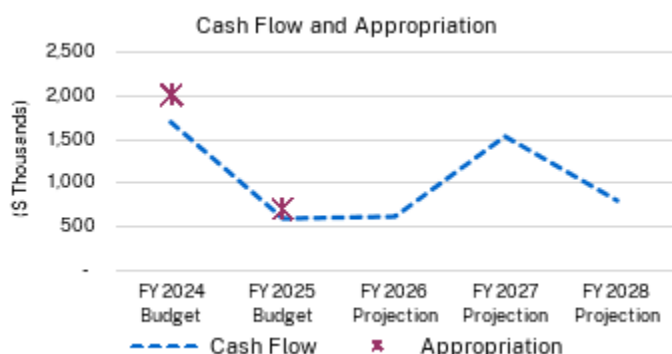
Lead Department:

Water Operations

In Service Date:

6/30/2028

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	5,218	1,680	582	619	1,536	802
Appropriation	2,700	2,000	700			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

The California Air Resources Board (CARB) establishes and enforces regulations for air emissions. Fines and civil actions can result from noncompliance with established deadlines. These projects are required to comply with CARB.

This project will install Best Available Control Technology on off-road, on-road, portable and stationary diesel engines to comply with air quality regulations. All portable diesel engines greater than 50 horsepower must meet regulations for diesel particulate matter. Recent purchases included one 1500 kW portable generator and two portable pumps to help meet backup power requirements to address Pacific Gas & Electric (PG&E) Public Safety Power Shutoffs in response to severe weather.

Award Purpose:

Vehicles, Equipment & Related Facilities

Award Number:

7000023

Award Name:

FLEET & EQUIPMENT ADDITIONS

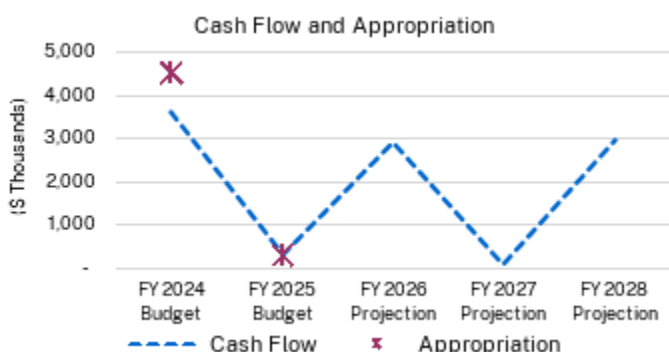
Lead Department:

Maintenance & Construction Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	9,812	3,600	292	2,880	80	2,960
Appropriation	4,780	4,500	280			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This ongoing project serves to acquire additions to the fleet resulting from new positions that require a vehicle to perform necessary job responsibilities, or changing demands on the existing workforce and redirection of priorities. Vehicles and equipment includes backhoes, dump trucks, trailers, utility trucks, sedans or SUVs, saw trucks and water trucks.

In FY 2024 - FY 2025, necessary equipment will be purchased to outfit additional staff, including new Pipeline Rebuild crews, replace long-term leased vehicles, and decrease the reliance on contracting out.

Award Purpose:

Vehicles, Equipment & Related Facilities

Award Number:

7000022

Award Name:

FLEET & EQUIPMENT REPLACEMENT & PURCHASES

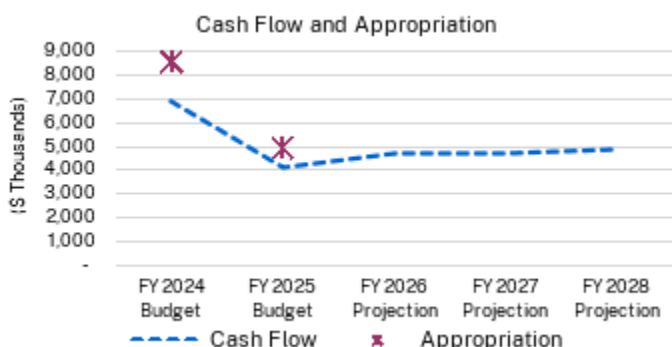
Lead Department:

Maintenance & Construction Department

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	25,002	6,814	4,109	4,640	4,640	4,800
Appropriation	13,437	8,517	4,920			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	100%
Total Funding Sources	100%

The District's Vehicle Study indicates that the criteria used for evaluating replacement needs provides the best means of fleet management for replacing vehicles and equipment in a timely and cost effective manner.

In FY 2024 - FY 2025, 87 vehicles and pieces of equipment need to be replaced, including 28 construction trucks, 10 dump trucks, and 11 service/vector/utility trucks. In addition, 13 backhoes need to be replaced due to regulatory compliance requirements, and the California Air Resources Board requires 14 vehicles/equipment to be replaced as well. This award manages the replacement process for vehicles and equipment system-wide.

Award Purpose:

Vehicles, Equipment & Related Facilities

Award Number:

7000139

Award Name:

FUEL FACILITY IMPROVEMENTS

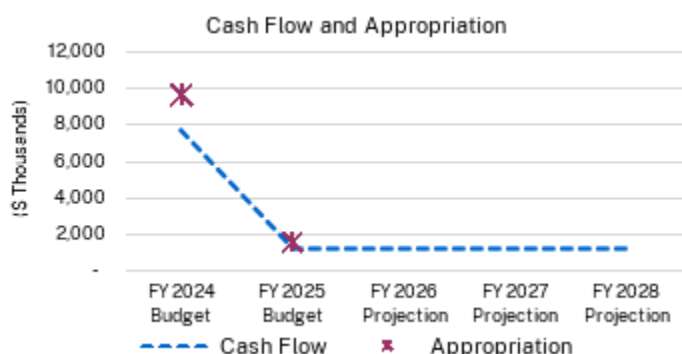
Lead Department:

Water Operations

In Service Date:

10/31/2026

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	12,380	7,700	1,200	1,160	1,160	1,160
Appropriation	11,125	9,625	1,500			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

The California Air Resources Board (CARB) establishes and enforces regulations to reduce air pollutants. Fines and civil actions can result from noncompliance with established regulations and deadlines. This project is required to replace equipment that is at the end of its useful life and comply with CARB standards. Many of the fuel dispenser units and backup generator tanks are more than 30 years old and require frequent repairs.

This project includes planning, design, and construction to upgrade fueling facilities and backup generator tank systems. Improvements scheduled for FY 2024 - FY 2025 include replacing fuel dispensers at 20 sites, installing Enhanced Vapor Recovery Phase II equipment, and upgrading tank monitoring systems for aboveground and underground storage tanks.

Award Purpose:

Water Recycling & Conservation

Award Number:

7000036

Award Name:

DSRSD-EBMUD RECYCLED WATER AUTHORITY (DERWA)

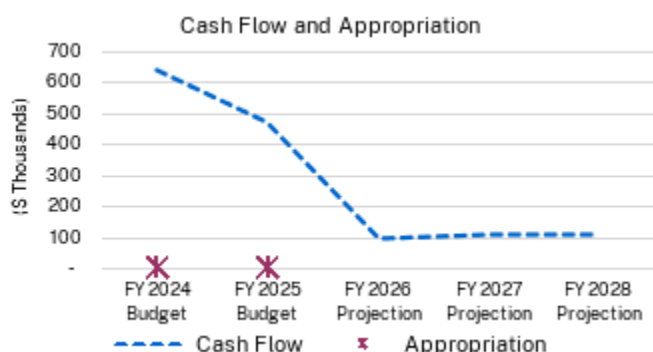
Lead Department:

Water Resources

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	1,422	642	470	94	106	110
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

DSRSD-EBMUD Recycled Water Authority (DERWA) is a joint project with Dublin San Ramon Service District (DSRSD); Recycled water (from DSRSD) for landscape irrigation in San Ramon, Danville and Blackhawk. Includes DERWA capital projects identified in the DERWA capital budget that EBMUD pays a share of costs: treatment plant expansion, securing supplemental supplies including backup potable water from EBMUD Amador Pressure zone, local groundwater, and Livermore supplies, treatment plant replacement costs, and VFD and SCADA improvements. Supplemental supplies are anticipated to be secured by 2024. Treatment plant equipment replacement is on-going annually. Treatment plant expansion is anticipated post 2028 pending demand and supplemental supplies. DERWA supports the District’s strategic planning goal of long-term water supply through water recycling.

Award Purpose:

Water Recycling & Conservation

Award Number:

7000035

Award Name:

EAST BAYSHORE

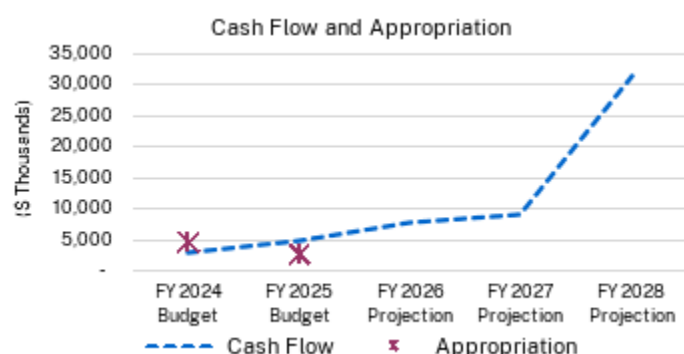
Lead Department:

Water Resources

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	55,415	2,915	4,700	7,734	8,776	31,290
Appropriation	7,000	4,500	2,500			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	100%
Vehicle Replacement Fund	
Total Funding Sources	100%

Phase 1A will provide up to 0.4 MGD to Emeryville and Oakland. Pipeline extension could be completed by FY 2026. A water quality improvements pilot will be conducted to develop design criteria and operations parameters for implementation in FY 2024 - FY 2025.

Phase 1B will add 0.25 MGD, for a total estimated supply of 0.65 MGD. Implementations are planned for completion in FY30-34. Phase 2, estimated at 1.7 MGD, is planned for implementation in FY35-40. Phase 2 will supply Alameda, Emeryville, Berkeley, and Oakland. The estuary crossing (slip-lining existing pipe) will be completed in FY 2025 - FY 2030. The rest of the facilities will be completed by FY40 that includes pipelines, treatment expansion, a possible booster pump station, and customer retrofits.

Funding is also included for routine O&M and microfiltration membranes replacements that take place every 5-7 years. EBRWP supports the District's Strategic Plan goal of Long-term Water Supply through water recycling.

Award Purpose:

Water Recycling & Conservation

Award Number:

7000315

Award Name:

NORTH RICHMOND WATER RECYCLING PLANT (NRWRP)

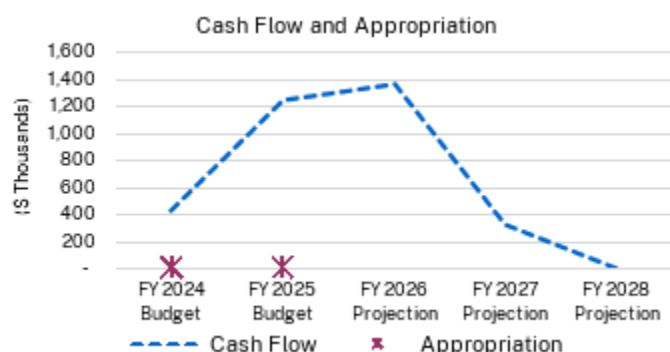
Lead Department:

Water Resources

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	3,334	426	1,234	1,355	320	-
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

The North Richmond Water Recycling Plant (NRWRP) provides advanced treatment to wastewater effluent from West County Wastewater District. Some of the recycled water produced at NRWRP is further treated in the Richmond Advanced Recycled Expansion (RARE) Water Project, which is a separate award. The bulk of NRWRP water is used for Chevron refinery’s cooling towers. NRWRP improvements include chemical feed pump replacements, pneumatic valves upgrades, clarifier and thickener drive replacements, process water pipe replacements, and other improvements in FY 2024 - FY 2027.

Award Purpose:

Water Recycling & Conservation

Award Number:

7000098

Award Name:

NORTH RICHMOND WATER RECYCLING PLANT (NRWRP) ROUTINE CAPITAL MAINTENANCE

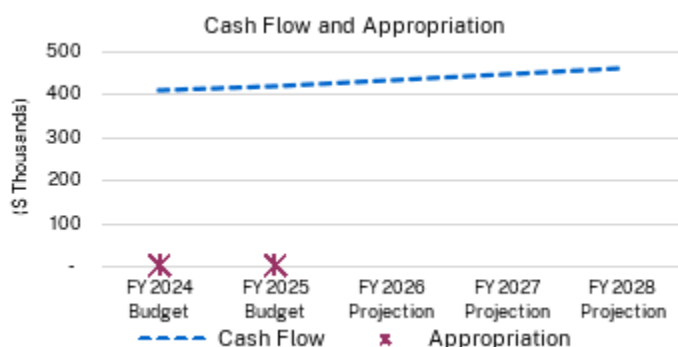
Lead Department:

Water Resources

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	2,166	408	420	433	446	459
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project is required to meet the District's contractual obligations to provide recycled water to the Chevron Richmond refinery. In addition, this project helps the District to meet its water recycling goal of providing 20 MGD of recycled water by the year 2040 and supports the Strategic Plan goal of Long-term Water Supply. The North Richmond Water Recycling Plant (NRWRP) provides advanced treatment to wastewater effluent from West County Wastewater District. Some of the recycled water produced at NRWRP is further treated in the Richmond Advanced Recycled Expansion (RARE) Water Project, which is a separate award. The bulk of NRWRP water is used for Chevron refinery's cooling towers.

This project includes upgrades at the NRWRP that are needed to maintain the facility and continue to meet the District's contractual obligations to the Chevron Richmond refinery. In FY 2024 - FY 2028, this project will rehabilitate or upgrade various equipment at the NRWRP to prevent equipment failures and process interruptions. Work includes sodium hypochlorite and sulfuric acid feed pump drive replacement, evaluation of main process pneumatic valves to determine fail open/closed status during a power outage to prevent spills and maintain regulatory compliance, clarifier and solid handling thickener drives replacement, sludge thickener tanks re-coating and piping modifications for proper tank drawdown, replacement of corroded process pipes, and demolition of abandoned facilities and equipment.

Award Purpose:

Water Recycling & Conservation

Award Number:

7000160

Award Name:

RICHMOND ADVANCED RECYCLING EXPANSION (RARE) - CHEVRON FUNDED

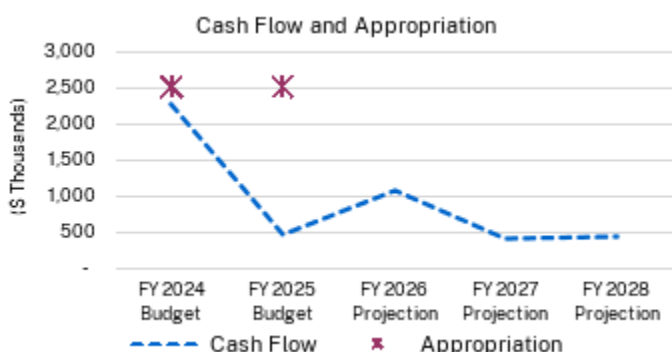
Lead Department:

Water Resources

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	4,649	2,255	470	1,081	405	438
Appropriation	5,000	2,500	2,500			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	
Equipment Replacement Fund	
Grants	
Outside Agency	100%
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Capital improvements for the Phase 1 Richmond Advanced Recycled Expansion (RARE) Water Project which provides 3.5 MGD of recycled water to Chevron for boiler feedwater applications to conserve the use of potable water. In FY 2024 and beyond, equipment will be replaced at the RARE including the microfiltration modules, instruments and analyzers, and reverse osmosis membranes. These replacements are to be funded by Chevron per existing contract. RARE supports the District’s Strategic Plan goal of Long-term Water Supply through water recycling.

Award Purpose:

Water Recycling & Conservation

Award Number:

7000238

Award Name:

RICHMOND ADVANCED RECYCLING EXPANSION (RARE) - EBMUD FUNDED

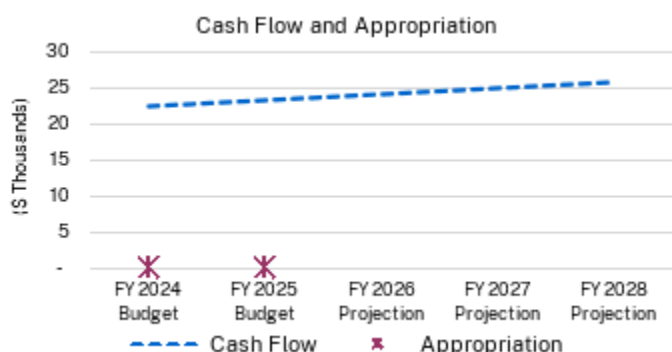
Lead Department:

Water Resources

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	120	22	23	24	25	26
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	100%
Vehicle Replacement Fund	
Total Funding Sources	100%

Project management and planning for implementation of future phases/expansion of the Richmond Advanced Recycled Expansion (RARE) Water Project. This award also includes design and construction of future expansions of the RARE treatment plant up to 5.0 MGD beyond FY 2033. RARE supports the District’s strategic planning goal of long-term water supply through water recycling.

Award Purpose:

Water Recycling & Conservation

Award Number:

7000071

Award Name:

SAN RAMON VALLEY RECYCLED WATER

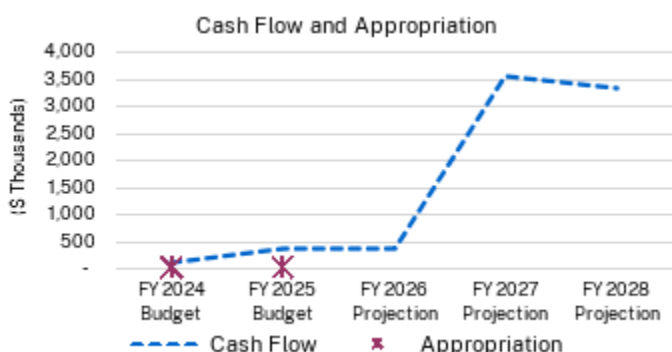
Lead Department:

Water Resources

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	7,662	86	353	363	3,539	3,320
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	100%
Vehicle Replacement Fund	
Total Funding Sources	100%

EBMUD, together with seven other Bay Area water agencies, formed the Bay Area Regional Reliability (BARR) Project to improve regional water reliability during droughts and emergencies. BARR supports the District's Strategic Plan goal for Long-Term Water Supply and meets the objective to integrate long-term water supply strategies and infrastructure planning efforts with regional partnerships.

Funding in FY 2024 through FY 2033 includes planning, design and construction for a drought mitigation measure project from the BARR Drought Contingency Plan or to develop a project based on recommendations from the Bay Area Shared Water Access Program (SWAP).

Planning, CEQA and property purchase of Pump Station R3000 was completed in FY 2019. Design for Pump Station R3000 is anticipated to begin in FY 2025 with construction completion in FY 2027 - FY 2028. Design for Phases 3A, 3B, is anticipated for FY 2027 - FY 2028 with construction in FY 2029 - FY 2030. Phase 3 site retrofits will be completed from FY 2029 - FY 2030.

Phase 5 (Blackhawk West) is anticipated to be completed in FY 2033. The Pump Station R4000 and pipelines in Blackhawk will be completed FY 2036.

These projects are needed to meet the District's Strategic Plan goal of Long-term Water Supply through water recycling.

Award Purpose:

Water Recycling & Conservation

Award Number:

7000306

Award Name:

WATER CONSERVATION SERVICES

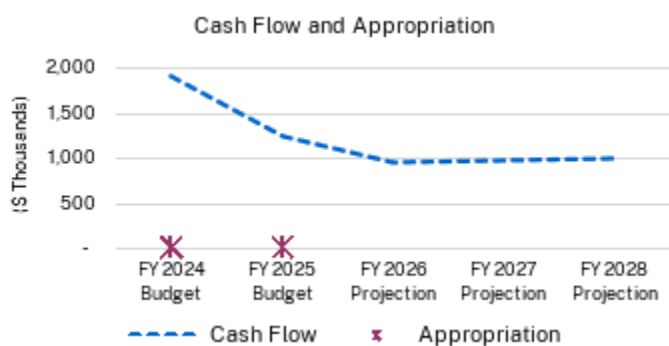
Lead Department:

Customer & Community Services

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	6,061	1,904	1,236	954	973	994
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	95%
Equipment Replacement Fund	
Grants	5%
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

As part of the 2050 Demand Study, the District’s water conservation goal was increased to achieve 70 million gallons per day of water conservation by the year 2050. This award covers implementation of activities to help meet that goal and to comply with state water use efficiency regulations. The Water Conservation Strategic Plan update completed in FY 2021 provides a roadmap for meeting this target.

Over the next five years, the Water Conservation Program will continue to offer rebates, incentives, educational programs, and water management tools to help customers use water efficiently. The rebate program will continue to support landscape transformations to reduce outdoor water use. Educational programming includes the WaterSmart Gardener program and K-12 educational initiatives. Another important component of the program will be expanding the District’s software capabilities to offer improved tools like a customer facing web portal, home water reports, water budgets, and leak alerts. The District is also developing several new conservation initiatives specifically intended to help low income customers save water. The District is also participating in a Proposition 1 Regional Water Conservation grant that funds rebates, training, and other activities.

An important driver for the program will be compliance with the State’s new Long Term Water Use Efficiency framework. These new regulations will require the District to calculate and meet an annual water use objective based on use by residential customers and dedicated irrigation meters as well as water loss. The regulations will also require the District to implement and report on best management practices for the commercial, industrial, and institutional sector.

Award Purpose:

Water Recycling & Conservation

Award Number:

7000246

Award Name:

WATER RECYCLING PLANNING

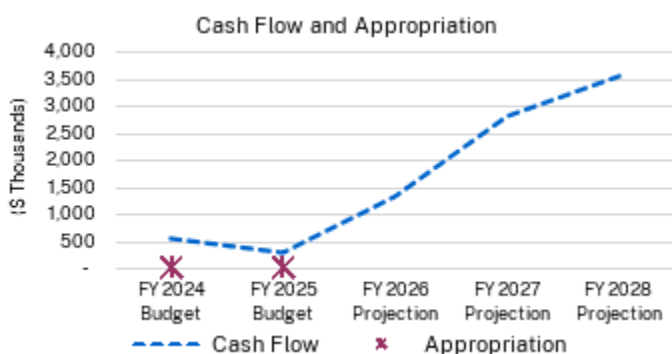
Lead Department:

Water Resources

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	8,492	528	286	1,320	2,807	3,551
Appropriation	-	-	-			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	100%
Vehicle Replacement Fund	
Total Funding Sources	100%

This award includes (1) updating the Recycled Water Master Plan every 5 years; (2) coordinating the implementation of customer satellite treatment plants including potential projects at the Diablo Country Club, Sequoyah Country Club, and Rossmoor Community; (3) further evaluation and implementation of the first phase of the Phillips 66 recycled water project in Rodeo; (4) rehabilitation of the San Leandro pump station project; (5) evaluation and development of potential recycled water opportunities in Contra Costa County in the long term; and (6) expansion of the recycled water truck program. These projects support the District’s Strategic Plan goal of Long-term Water Supply through water recycling.

Award Purpose:

Water Treatment

Award Number:

7000299

Award Name:

PARDEE CENTER CAPITAL MAINTENANCE & IMPROVEMENTS

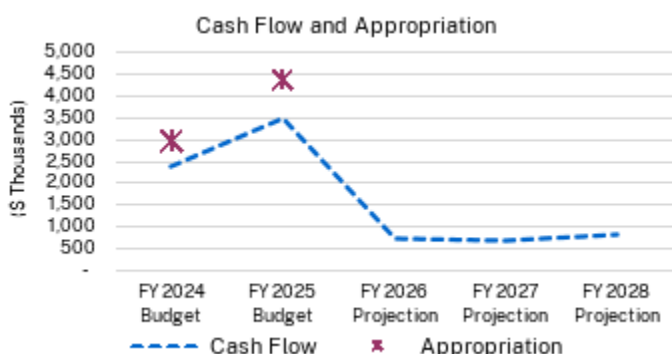
Lead Department:

Water Operations

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	8,031	2,353	3,482	720	662	814
Appropriation	7,293	2,940	4,353			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project provides for replacement and improvements to the Pardee Center Wastewater Treatment Plant, office and lodging buildings and grounds, roads, conference center, and power poles to ensure safe and reliable systems that comply with operational and regulatory requirements.

FY 2024 - FY 2030 work includes replacement of power poles, replacement of HVAC systems, renovations of crew office facilities and lodging facilities, siding and roof replacements, paving, and security improvements.

Award Purpose:

Water Treatment

Award Number:

7000090

Award Name:

TREATMENT PLANT UPGRADES

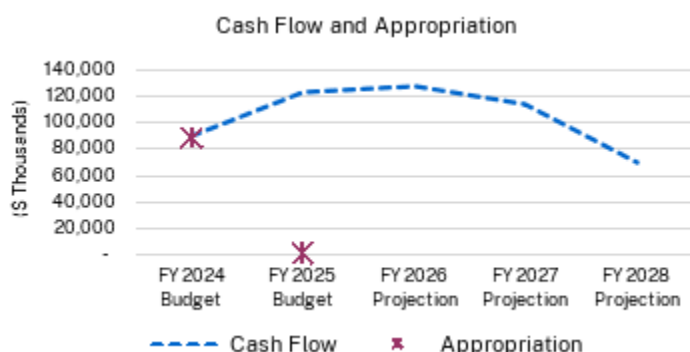
Lead Department:

Engineering & Construction

In Service Date:

6/30/2034

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	520,817	89,215	122,598	127,394	112,664	68,946
Appropriation	87,953	87,953	-			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

FY 2023 work included construction of the San Pablo Reservoir Hypolimnetic Oxygenation System (HOS), Orinda Water Treatment Plant (WTP) Disinfection and Chemical Safety System Improvements Project, start of construction of the Upper San Leandro (USL) WTP Maintenance and Reliability and USL and Sobrante Chemical Safety System Improvements Project, the USL Control System Improvements Project, and the completion of construction of the Orinda WTP Scouring Air and Maintenance Improvements Project and the Sobrante Maintenance Safety Improvements Project.

FY 2024 - FY 2025 work includes construction of Orinda WTP Disinfection and the Chemical Safety System Improvements Project, USL WTP Maintenance and Reliability and USL and Sobrante Chemical Safety System Improvements projects, USL WTP control system modernization, and San Pablo Reservoir HOS; design and start of construction of Walnut Creek (WC) WTP Filters Upgrade Project, Lafayette WTP Interim Improvements Project, Walnut Creek WTP and Lafayette Chemical Safety Systems Project, and Lafayette Control Systems Improvements Project; California Environmental Quality Act (CEQA) and Planning for WC WTP pretreatment and ozone and Briones and Pardee reservoirs water quality improvements. Pre-design for the Walnut Creek WTP Pretreatment and Ozone Project will also begin.

FY 2026 - FY 2028 work includes construction of the WC WTP Pretreatment and Ozone Improvements Project and design of Sobrante WTP Maintenance and Improvements Projects.

Award Purpose:

Water Treatment

Award Number:

7000197

Award Name:

WATER TREATMENT PLANT CAPITAL IMPROVEMENTS

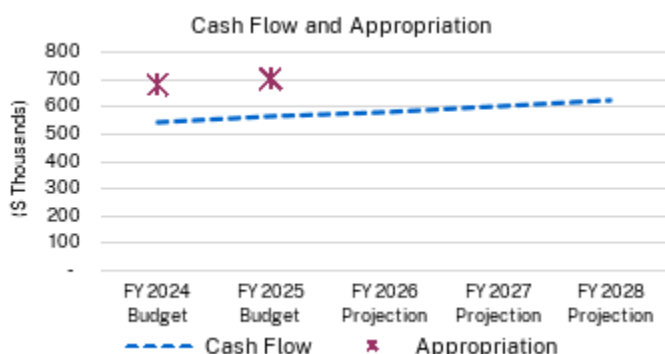
Lead Department:

Water Operations

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	2,895	540	559	578	598	619
Appropriation	1,374	675	699			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Water Treatment Plants (WTPs) are structures that improve the quality of water to make it appropriate for distribution in our public water system. Currently, the District has treatment plants in Orinda, Walnut Creek, Lafayette, Upper San Leandro, El Sobrante, and San Pablo.

Each year various improvements and modifications to existing WTPs are required. Most involve equipment or structural problems impacting facility integrity, or health and safety issues. Upcoming work includes replacement of new filter valves at Orinda WTP, new radar level sensors for all filters at Orinda WTP, new free ammonia analyzers at all WTPs, purchase of new variable frequency drive controllers at various WTPs, new lift station pumps at various WTPs and various paving jobs at all WTPs. Any emergency that requires immediate replacement of WTP equipment is also included.

Award Purpose:

Water Contingency

Award Number:

7000355

Award Name:

CONTINGENCY GENERAL - WATER

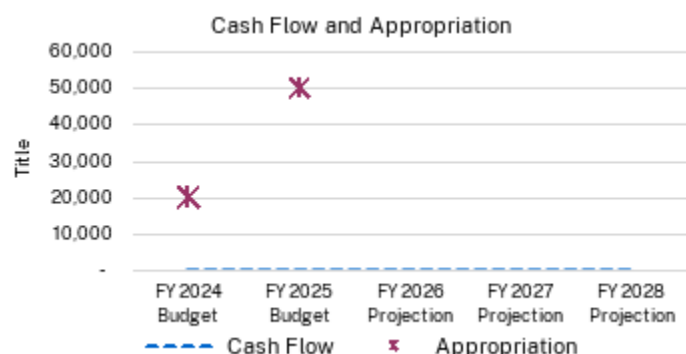
Lead Department:

Finance

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	-	-	-	-	-	-
Appropriation	70,000	20,000	50,000			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This Award is required to ensure timely response to unanticipated critical work, as well as specific projects that are contingent upon the receipt of grants or other outside funding. Rapid response is critical for maintaining regulatory compliance, public safety, employee safety or addressing other unanticipated essential needs. As the Capital Improvement Program grows, the Contingency appropriation is growing to accommodate potential cost changes as well as provide for opportunities to reinvest in infrastructure when awarded funding from external parties. The Contingency Award is only intended to provide appropriations to existing Awards approved by the Board in the event of material unexpected cost increases or due to unexpected emergencies, without requiring the Board amend the budget, and without each Award incurring its own contingency, which could significantly increase overall capital appropriations. The Contingency Award does not incur costs directly.

Transfers of these contingency Appropriations are uncommon. Costs that significantly exceed budgeted expectations are reported to the Board under existing policies. Transfers out of the Capital Contingency Awards are approved by the Director of Finance and the General Manager is informed when the amount is greater than \$2.5 million.

Index: Numerically Sorted Award Numbers

700000332	7000074.....26	700026787
700000529	700007684	700027141
700000633	700008554	700027244
700000745	700008969	700027388
700001023	7000090105	700028968
700001220	700009898	7000299104
700001428	700010216	700030067
700001527	700011790	700030519
700001773	700012612	7000306102
700002172	700013178	700030974
700002293	700013994	700031485
700002392	700014811	700031597
700002434	700015559	700031756
700002952	700016099	700031971
700003031	700016115	700032375
700003176	700016430	700032483
700003357	700016553	700032555
700003480	700016779	700032614
700003596	700018558	700034247
700003695	700019666	700034346
700004135	7000197106	700034448
700004225	700020051	7000355107
700004336	700021540	700035850
700004561	700022370	700035949
700004821	700022443	710000139
700005538	700022581	710000213
700006160	700022818	710000462
700006542	7000238100	710000565
700006691	700024022	710000689
700006782	7000246103	710000786
700006877	700025437	710000963
700007024	700026364	
7000071101	700026417	

Index: Alphabetically Sorted Water Awards

- Annual Appurtenance Work, 30
- Aqueduct Cathodic Protection, 36
- Arc Flash, Mitigation, Project Management, 11
- Building Facilities Improvements, 12
- Camanche Hills Hunting Preserve, 62
- Camanche Rec Area Improvement, 63
- Chloramine Boosting Stations, 71
- Contingency General – Water, 107
- Dam Operational Upgrades, 77
- Dam Seismic Upgrades, 78
- Dam Surveillance Improvements, 79
- Data & Telecom Infrastructure, 44
- Delta Tunnel, 39
- DERWA, 95
- Diesel Engine Retrofit, 91
- Distribution System Cathodic Protection, 31
- Distribution System Upgrades, 40
- Distribution System Water Quality Improvements, 72
- East Bay Watershed Management, 20
- East Bayshore, 96
- Engineering IT, 45
- Enhanced Power Revenue, 88
- Equipment Replacement Fund
 - Current PCs, Desktops, Laptops, 47
 - Purchases for Copiers, 48
 - Smoothing PCs, Desktops, Laptops, 50
- Facilities Cathodic Protection, 13
- Facility Paving, 14
- Fleet & Equipment Additions, 92
- Fleet & Equipment Replacement & Purchases, 93
- FSCC Capital Improvements, 89
- Fuel Facility Improvements, 94
- Groundwater Resource Development, 82
- HRIS Replacement, 51
- Hydrants Installed by District Forces, 27
- Imported Water Facilities, 83
- Lafayette Recreation Infrastructure, 64
- Large Diameter Pipelines, 37
- Local Regional Partnerships, 84
- Mine Restorations, 21
- Minor Facilities Work, 15
- Miscellaneous Planning Studies, 41
- Mokelumne Aqueducts Number 2 & 3 Relining, 58
- Mokelumne Aqueducts Recoating, 59
- Mokelumne River Day Use Area, 65
- Mokelumne River Fish Hatchery, 22
- Mokelumne Watershed Headquarters, 16
- Mokelumne Watershed Headquarters – Phase 2, 17
- Mokelumne Watershed Management, 23
- New Service Installations, 28
- Op/Net System Improvements, 52
- Open-Cut Reservoir Program, 73
- Orinda Watershed Headquarters, 18
- Pardee Center Capital Maintenance & Improvements, 104
- Pardee Recreation Area, 66
- Pipeline Rebuild, 32
- Pipeline Relocations, 33
- Pipeline System Extensions, 29
- Pipeline System Improvements, 34
- Planned Meter Replacements, 53
- Powerhouse Improvements, 90
- Pressure Zone Improvements, 42
- Pumping Plant Rehabilitation, 57
- Rate Control Station Rehabilitation, 69
- Raw Water Aqueduct Improvements, 61
- Raw Water Infrastructure, 60
- Recreation Area Capital Maintenance & Improvements, 67
- Regulator Rehabilitation, 70
- Reservoir Leak Repair, 74
- Reservoir Mixing System, 75
- Reservoir Rehabilitation and Maintenance, 76
- Reservoir Tower Modifications, 80
- River and Watershed, 24
- San Pablo Recreation Infrastructure, 68
- San Ramon Valley Recycled Water, 101
- Security Improvements, 54
- Service Lateral Replacements, 35
- SGMA Compliance, 85
- Small Capital Improvements, 19
- Transmission Main Cathodic Protection, 38
- Treatment Plant Upgrades, 105
- Trench Soils Management, 25
- Upcountry Wastewater Treatment Improvements, 26
- Water Conservation Services, 102
- Water Loss Control, 55
- Water Recycling Planning, 103
- Water Rights, Licenses & Plans, 86
- Water Supply Monitoring System, 81
- Water Transfers, 87
- Water Treatment Plant Capital Improvements, 106
- West of Hills Master Plan, 43
- Work Management Systems Replacement, 56

EBMUD Fact:

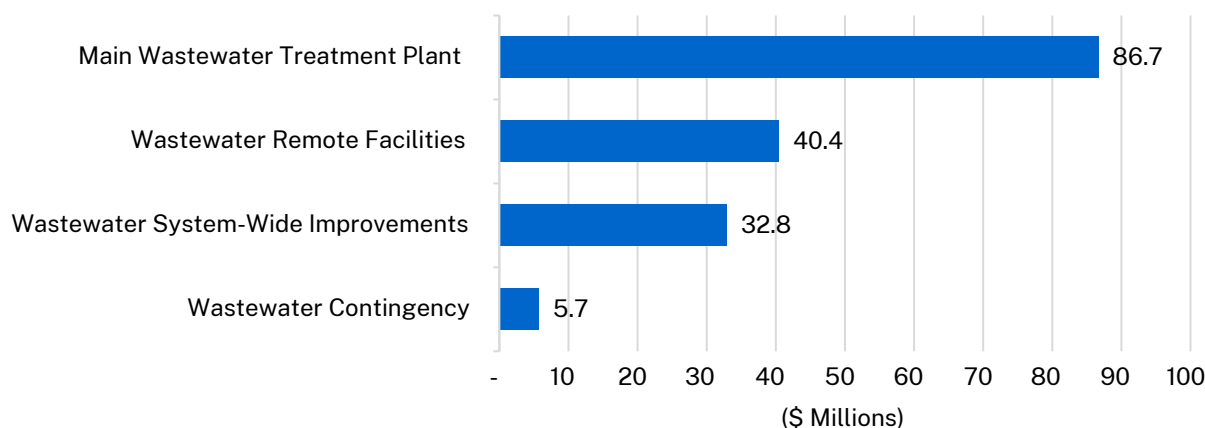
EBMUD's Customer Assistance Program, which provides discounts on water and wastewater services to households in need, was established in 1987.

Wastewater System

Appropriations Overview

The Wastewater System’s FY 2024 capital appropriation will increase by \$31.6 million or 58.4 percent from FY 2023. In FY 2025, the appropriation increases an additional \$1.6 million, or 1.8 percent, from FY 2024. The first year’s increase aligns with the CIP’s increasing size and scope and is particularly elevated due to multi-year contracts that will be advertised for bid in FY 2024, while the work will be completed in FY 2025 or later. Appropriations for multi-year contracts are appropriated at once to ensure funds are available when contracts are awarded. While the second year’s appropriations are nearly flat, the capital work appropriated for in FY 2024 will continue into future years.

Wastewater System Appropriations by Award Purpose for FY 2024 & FY 2025



Appropriations shown by Award Purpose excludes capital support as it is not for a specific Award Purpose and instead is part of all Award Purposes.

Cash Flow Overview

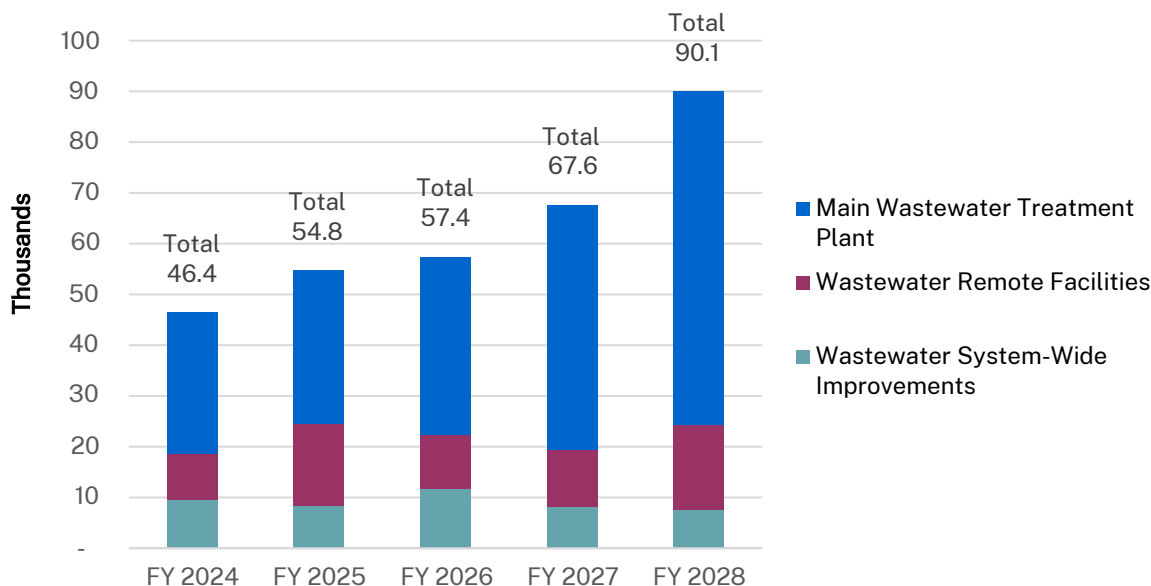
Overview

The FY 2024 – FY 2028 CIP is supported by capital cash flows that incorporate the following changes from previous CIP development processes:

- Cash flows are reported in the budget for five years, but this year there was an increased focus on the full 10-year projection of expenses. Forecasting out-years allows management and project managers to anticipate the funding needs for critical infrastructure initiatives. This is especially true as some key capital work will not be completed in the five-year horizon, so a longer-term scenario allows greater insight into needs. The longer-term outlook for rates increases also becomes clearer by extending the projection window.
- Multiple scenarios, with varied cash flow projections and associated rate increases, were developed to represent a projection of the annual costs of the CIP for long-term projects. This allowed for experimentation in the development phase with different approaches to completing a vast amount of critical infrastructure improvements. In most cases projects were deferred, as opposed to changed in their scope or canceled.

The following chart shows the system’s total five-year capital cash flow by Award Purpose.

Wastewater System Budgeted Cash Flows Five-Year Summary (Excluding Capital Support)



Award Purpose:

Main Wastewater Treatment Plant

Award Number:

7000330

Award Name:

PRELIMINARY TREATMENT

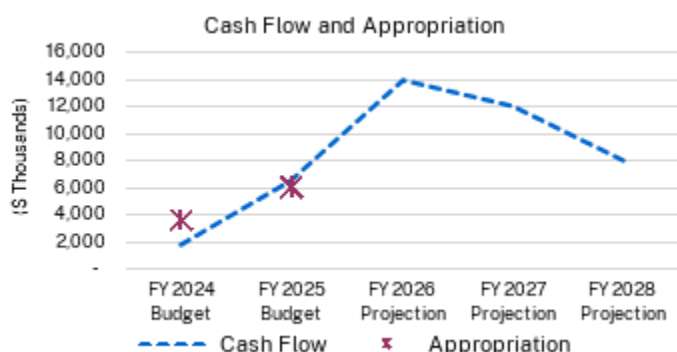
Lead Department:

Wastewater

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	42,083	1,763	6,482	13,891	11,962	7,984
Appropriation	9,494	3,494	6,000			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Preliminary Treatment refers to all processes for wastewater following entrance to the Main Wastewater Treatment Plant (MWWTP) and leading up to Primary Treatment. This includes coarse screening, pumping, fine screening, and grit removal. Preliminary Treatment structures and equipment are critical for bringing wastewater into and through the MWWTP. Screening and grit removal provide the rapid removal of large, abrasive contaminants such as trash and pebbles. Removal of these contaminants at the start of treatment protects all downstream equipment.

The major task in this project is the Influent Pump Station (IPS) Resiliency Project, which will address mechanical, electrical, and seismic needs of the IPS. The IPS is a four-story building built in 1950 through which all wastewater must pass. Much of the equipment in the IPS was last replaced in the early 1990s. Given that the Influent Pump Station cannot be taken offline, extensive study is being conducted to carefully sequence this work. Design work will continue through FY 2025, and construction will ramp up in FY 2026. Electrical improvements will also be made for operational flexibility during unplanned outages and to facilitate equipment maintenance. Another task in this award is replacement of grit dewatering equipment and piping. That task will be in design through FY 2026 and in construction beginning in FY 2027.

Award Purpose:

Main Wastewater Treatment Plant

Award Number:

7000331

Award Name:

PRIMARY TREATMENT

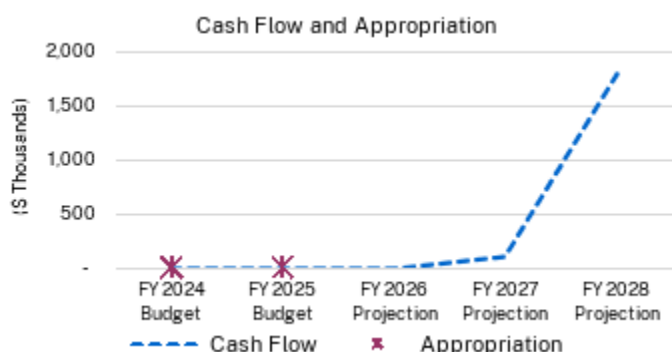
Lead Department:

Wastewater

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	1,878	-	-	-	96	1,782
Appropriation	-	-	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project includes the final phase of concrete rehabilitation for the Primary Sedimentation Tanks (PST) followed by seismic retrofits. The rehabilitation work includes replacing three primary influent channel control gates (large rectangular butterfly valves); and rehabilitating and coating concrete roof and walls in the influent channel adjacent to the gates, and in upstream areas that were not addressed in previous phases. The PST will be seismically retrofitted beginning in FY 2028. Phase 1 will address the Influent Channels and gallery and the Vortex Grit tanks. It will feature additions to the corner pile foundation. Phase 2 will follow and will encompass tanks 1-10 and the adjoining influent channels and gallery and effluent channel. The project will include relocating the Blower Building, retrofitting the influent channel and gallery joints at various locations, strengthening the south wall of the influent channel and gallery, strengthening or bracing tank walls, strengthening the roof slab of the effluent channel and its connection to the sed tanks, and adding exterior pile foundations at four expansion joints.

Award Purpose:

Main Wastewater Treatment Plant

Award Number:

7000332

Award Name:

SECONDARY TREATMENT

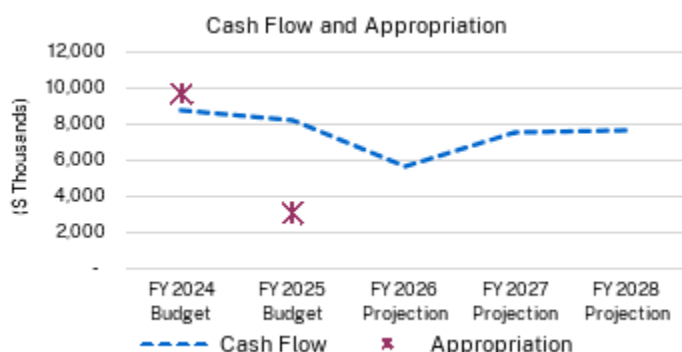
Lead Department:

Wastewater

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	37,663	8,772	8,212	5,588	7,521	7,570
Appropriation	12,647	9,635	3,012			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Major project tasks are to rehabilitate the Oxygen Production Plant, Reactors, and Secondary Clarifiers in multiple phases to keep some units in service while the others are rehabilitated. Rehabilitation of the Oxygen Production Plant includes upgrading the control system, which is over 40 years old. Construction on this task will continue through FY 25. Rehabilitation of the Oxygen Reactors includes concrete resurfacing of interior walls and columns, coating of the roof slabs, strengthening the interior support columns, recoating or replacing sections of piping, and refurbishing the aerator gear boxes. The first phase will be complete in FY 2024, and subsequent phases are scheduled immediately after. Rehabilitation of the Secondary Clarifiers includes concrete work, replacement of the clarifier mechanisms, resurfacing or replacing other mechanical components, and replacing the baffles to improve performance.

Award Purpose:

Main Wastewater Treatment Plant

Award Number:

7000333

Award Name:

POWER GENERATION AND BIOGAS

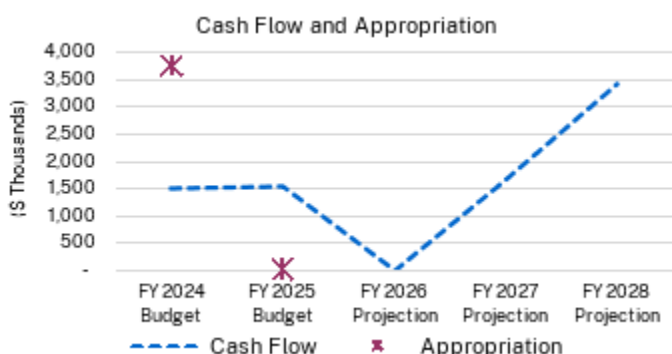
Lead Department:

Wastewater

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	8,013	1,470	1,514	-	1,643	3,386
Appropriation	3,730	3,730	-			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

The Power Generation Station (PGS) and biogas system provides a means to utilize biogas produced in the digesters to generate renewable electricity and produce heat for the digesters. Maintaining these aging facilities provides a source of renewable electricity and reduces the need to flare biogas.

This project will rehabilitate and maintain the biogas and power generation equipment, flares, piping, and related components to maximize renewable energy generation and minimize flaring of biogas in a safe manner. Much of PGS and the biogas piping were installed in the 1980s, and the newer components, the turbine, support equipment, and piping, are sensitive to adverse conditions and require more maintenance attention to prevent downtime. This project is intended to minimize downtime by increasing reliability of the power generation components in both normal operation and during grid power outages to improve overall plant reliability. PGS Reliability Improvements Phase 3 is ongoing with construction planned to extend through FY 2025. Phase 4 will begin in FY 2027.

Award Purpose:

Main Wastewater Treatment Plant

Award Number:

7000334

Award Name:

EFFLUENT DISCHARGE

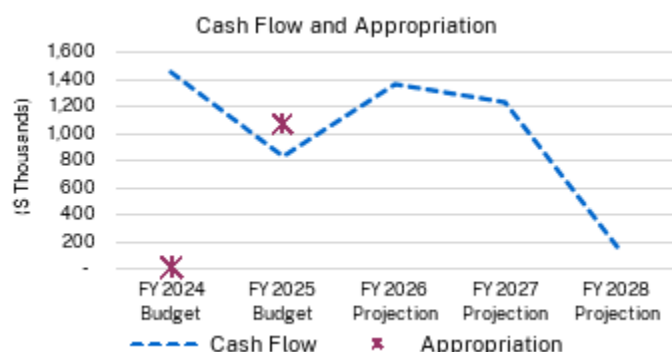
Lead Department:

Wastewater

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	4,999	1,440	824	1,358	1,224	153
Appropriation	1,060	-	1,060			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project will maintain and upgrade infrastructure necessary for disinfection and dechlorination of Main Wastewater Treatment Plant (MWWTP) effluent and conveyance to its final discharge in the San Francisco Bay. This infrastructure is critical for meeting strict permit requirements and for maintaining flow-through capacity at the MWWTP.

As the final stage of liquid-stream treatment at the MWWTP, treated wastewater is dosed with chlorine (or sodium hypochlorite) and conveyed through the 9,000-foot-long land section of the effluent outfall pipe to the Dechlorination Facility. At the Dechlorination Facility, sodium bisulfite is added to react with any remaining chlorine, and water quality samples are collected to ensure a chlorine-free discharge to the San Francisco Bay. The final conveyance is through 7,500-foot-long section of subaqueous outfall pipe. Tasks over the next five years include rehabilitation and improvements to the Dechlorination Facility. Seismic improvement projects are also planned for the Effluent Pump Station and the outfall beginning in FY 2028.

Award Purpose:

Main Wastewater Treatment Plant

Award Number:

7000335

Award Name:

NUTRIENTS

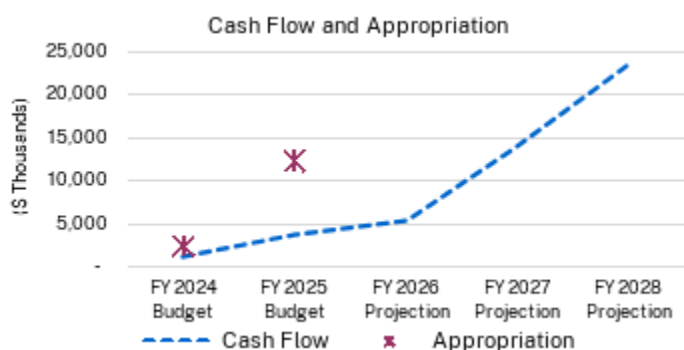
Lead Department:

Wastewater

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	47,451	1,028	3,576	5,355	13,991	23,501
Appropriation	14,502	2,270	12,232			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

A nutrient load cap for nitrogen is anticipated in the upcoming San Francisco Regional Water Quality Control Board Watershed Permit, expected in 2024, which will require the District to meet stricter effluent limits for nitrogen.

The current nutrient watershed permit will expire in mid-2024, and the next five-year permit is expected to impose a nutrient discharge load cap. To meet this effluent load cap, it is expected that the District will be required to implement a process to treat high ammonia in the centrate generated in the dewatering process. However, other studies are planned to determine the feasibility of other nutrient reduction improvements that can be made with existing facilities at the Main Wastewater Treatment Plant (MWWTP). These studies will include pilot and full-scale testing to evaluate sidestream nutrient treatment/recovery technologies and explore innovative approaches to nitrogen reduction.

Award Purpose:

Main Wastewater Treatment Plant

Award Number:

7000336

Award Name:

RESOURCE RECOVERY

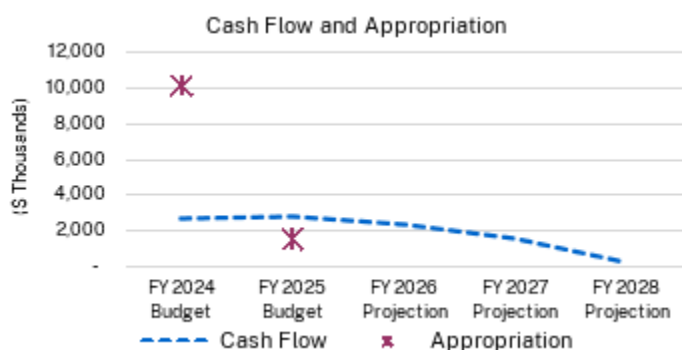
Lead Department:

Wastewater

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	9,369	2,592	2,794	2,273	1,562	148
Appropriation	11,527	10,046	1,480			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

Trucked waste provides additional feedstock to produce biogas, and revenue for the Wastewater Department. This project aims to rehabilitate and upgrade facilities associated with trucked waste receiving from the Resource Recovery Program.

An initial project task is to implement odor control improvements that include a new three-stage treatment system serving the Fats, Oils, and Grease (FOG) and High Strength Waste (HSL) receiving stations and blend tanks. This project also involves safety improvements and improved drainage to prevent odors and plugging of drains. This project is underway and will be in construction through FY 2027. Beginning in FY 2028, a new degritting facility will be constructed for trucked waste. The facility concept was based on successful pilot testing and involves design and construction of a new building and hydrocyclone-classifiers, a local odor control unit, pumps, and associated piping.

Award Purpose:

Main Wastewater Treatment Plant

Award Number:

7000337

Award Name:

DIGESTERS

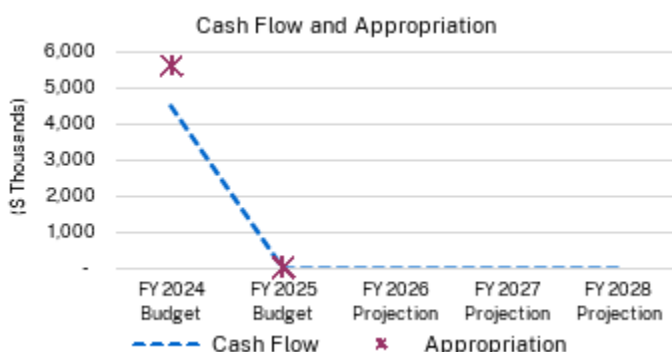
Lead Department:

Wastewater

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	4,480	4,480	-	-	-	-
Appropriation	5,600	5,600	-	-	-	-



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

The District has eleven digesters, two blend tanks, and numerous pieces of support equipment including pumps, mixers, heat exchangers, and biogas storage covers that work together to provide the appropriate conditions to convert sludge from the wastewater treatment process and trucked high strength waste into biogas and biosolids fit for beneficial use. The digester system operates at an elevated temperature and can include abrasive and damaging materials from sludge and high strength wastes, which result in the need for capital improvements. In recent years, the digesters have been upgraded with improved covers and mixers. Under Phase 3 of the upgrades, two digesters are scheduled for new covers and mixing systems with construction having begun in FY 2021. These digesters will also be seismically retrofitted to prevent catastrophic collapse in the event of an earthquake. Construction will be completed in FY 2024. Phase 4 of the work to complete the remaining upgrades to the three oldest digesters is planned to start in FY 2031.

Award Purpose:

Main Wastewater Treatment Plant

Award Number:

7000338

Award Name:

DEWATERING

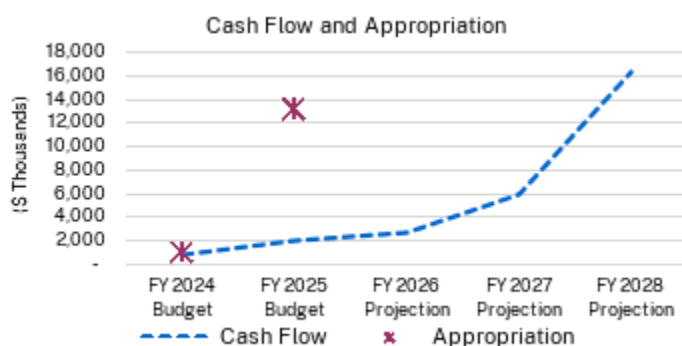
Lead Department:

Wastewater

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	27,473	800	1,978	2,631	5,857	16,207
Appropriation	14,082	1,000	13,082			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

The Dewatering Building requires significant improvements to remedy a myriad of issues related to this aging facility and equipment. It is critical to maintain and upgrade the solids dewatering process at the Main Wastewater Treatment Plant (MWWTP), which is necessary to produce beneficial use biosolids from the wastewater treatment process.

Replacement of the Dewatering Building is one of the largest projects in the Wastewater Department Capital Improvement Program. In recent years the dewatering process has required a great deal of staff time due to aging equipment, limited capacity, and impacts from Resource Recovery trucked wastes. The New Dewatering Building will replace the existing building and include new feed pumps, dewatering equipment, cake storage hoppers, polymer feed equipment, and odor control facilities, all designed to meet the latest seismic codes. In FY 2024, the planning phase of the new Dewatering Building will continue, followed in FY 2025 by design, which is expected to take two years. The construction phase is expected to take five years, with completion scheduled for FY 2031. The existing Dewatering Building will continue to be used for the secondary solids thickening process, and improvements will be made including upgrades to the building's odor control system and seismic retrofits to protect life safety.

Award Purpose:

Main Wastewater Treatment Plant

Award Number:

7000339

Award Name:

ELECTRICALS & CONTROLS

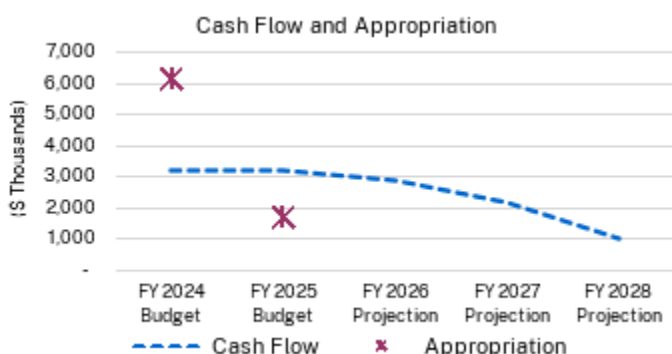
Lead Department:

Wastewater

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	12,362	3,196	3,148	2,877	2,150	990
Appropriation	7,804	6,100	1,704			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

The power distribution system is critical to operating all equipment at the Main Wastewater Treatment Plant (MWWTP). The distributed control system is critical to process optimization. This project will replace aging equipment and improve the seismic performance and reliability of the electrical power distribution and control systems to prevent outages and support business continuity.

Within the five-year CIP, the second phase of seismic improvements will be conducted for the electrical system at the MWWTP. That work will address reliability needs following completion of an Electrical Master Plan in FY 2024. Other work in this award includes replacements of computers and servers, which typically need replacement at five-year intervals. These will include operations and engineering workstations, servers, network equipment, and associated software. Also within this award is the replacement of several large variable frequency drives (VFD) greater than 100 hp that have reached the end of their useful service life.

Award Purpose:

Main Wastewater Treatment Plant

Award Number:

7000340

Award Name:

UTILITIES & SITEWORK

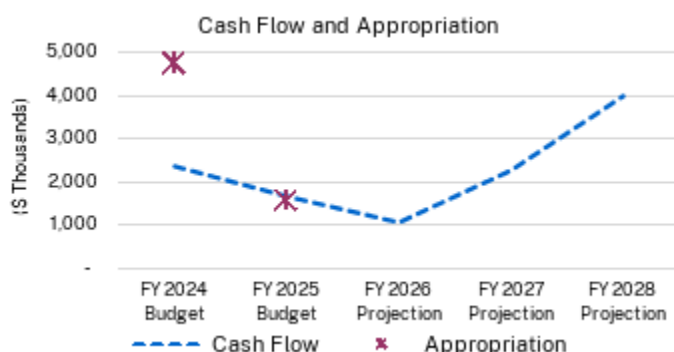
Lead Department:

Wastewater

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	11,228	2,360	1,641	1,025	2,229	3,973
Appropriation	6,283	4,726	1,557			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project aims to rehabilitate and improve buildings and utility systems at the Main Wastewater Treatment Plant (MWWTP), including administrative and operational buildings, chemical piping, compressed air (plant air), washdown water, potable water, natural gas, and drains; and sitework. Pipes are 50 to 70 years old, and may convey corrosive chemicals, such as hypochlorite, that contribute to shorter useful lives and require replacement.

This project includes tasks related to rehabilitating and constructing piping for all utilities located at the MWWTP including process piping, hypochlorite and other chemicals, compressed air (plant air), washdown water (3W), potable water, natural gas, drain pipes, and other underground piping. This project also includes sitework, such as landscaping, paving, and grading projects. A multi-phase project to improve and replace hypochlorite piping around the plant has begun, with the third and final phase to be completed in FY 2025. The 3W pumps and piping will be assessed and improved in this task, including the surge and cathodic protection systems. Portions of the 3W piping will be assessed and replaced. Improvements will be made to the Plant Gallery Drains to address ponding in the galleries and difficulty emptying tanks and basins.

Award Purpose:

Remote Facilities

Award Number:

7000328

Award Name:

INTERCEPTORS AND PUMP STATIONS

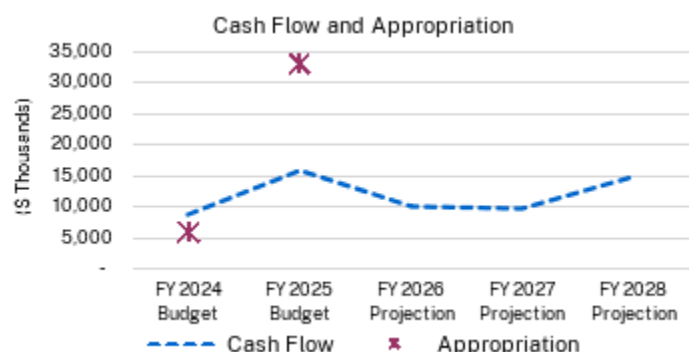
Lead Department:

Wastewater

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	58,404	8,507	15,572	10,007	9,704	14,614
Appropriation	38,676	5,704	32,972			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project aims to rehabilitate aging gravity interceptors, force mains, and pump stations that convey wastewater from the satellite agencies to the Main Wastewater Treatment Plant (MWWTP), as well as improve emergency access and response for such facilities. Interceptor tasks include rehabilitation of underground piping, select manholes and tie-in structures. Pipe rehabilitation efforts will be conducted for the older interceptors that have not been addressed in recent projects. Locations include the North Interceptor in Emeryville, the South Interceptor in Oakland, the Alameda Interceptor, and crossings of the Alameda Channel. Pump Station tasks include rehabilitation of equipment and piping, as well as improvement of emergency access and functions at several stations. Other projects include construction for the Special Structures Rehabilitation Phase 1, rehabilitation of Pump Stations H and L in Oakland, and Force Main Access Improvements. Work planned in later years includes the Second Street and Embarcadero Interceptors, Special Structures Rehab Phase 2, and Pump Station A in Albany, C in Alameda, and H in Oakland.

Award Purpose:

Remote Facilities

Award Number:

7000329

Award Name:

WET WEATHER FACILITIES

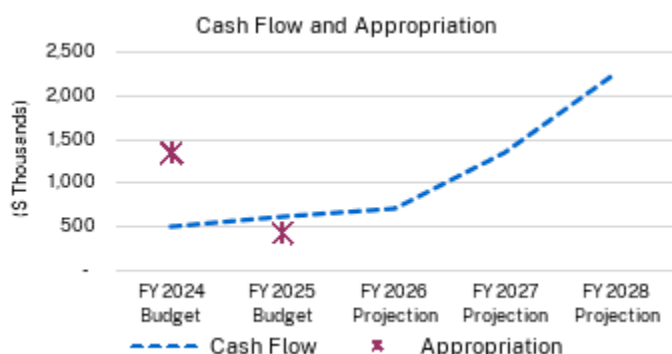
Lead Department:

Wastewater

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	5,407	504	613	690	1,352	2,248
Appropriation	1,757	1,340	417			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project will conduct mandated work required under the Inflow and Infiltration Program and to maintain Wet Weather Facilities (WWF) for reliable performance during wet weather events. This project includes annual implementation of the regional private sewer lateral ordinance, flow modeling, and reporting, as required by the Consent Decree issued by United States Environmental Protection Agency and Regional Water Quality Control Board. Other tasks in this project focus on rehabilitation of the WWF, such as assessing and correcting deficiencies in the large diameter influent magnetic flow meters at the Oakport WWF and Point Isabel WWF. Compliance with increasingly stringent regulations requires accurate flow metering, and many of the flow meters at these locations are more than 30 years old. This project also includes ongoing chemical tank replacements, concrete restoration, and site security enhancements at the WWFs.

Award Purpose:

System-Wide Improvements

Award Number:

7000341

Award Name:

GENERAL WASTEWATER

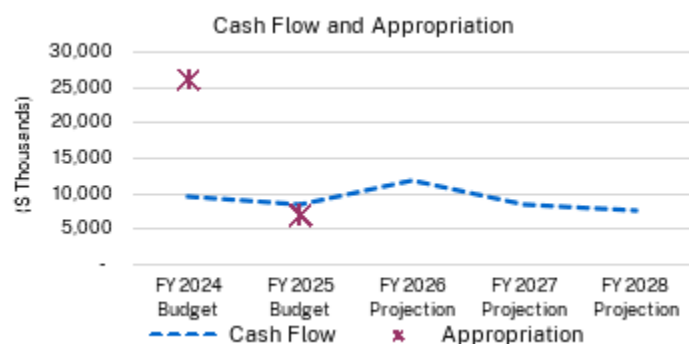
Lead Department:

Wastewater

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	45,385	9,518	8,419	11,668	8,263	7,517
Appropriation	32,848	25,929	6,919			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This project features the periodic replacement of capital equipment, asset management efforts system-wide, and software and vehicle additions. Two of the larger tasks in this project are seismic retrofits of the Maintenance Building and the Operations Center, two buildings that are heavily used and were prioritized in the Main Wastewater Treatment Plant (MWWTP) seismic evaluation. Those efforts have already begun and are scheduled to conclude in FY 2027. Other seismic tasks include retrofit of various concrete masonry buildings at the MWWTP, the Field Services Building, and the Administration Building.

Award Purpose:

Wastewater Contingency

Award Number:

7000354

Award Name:

CONTINGENCY GENERAL – WASTEWATER

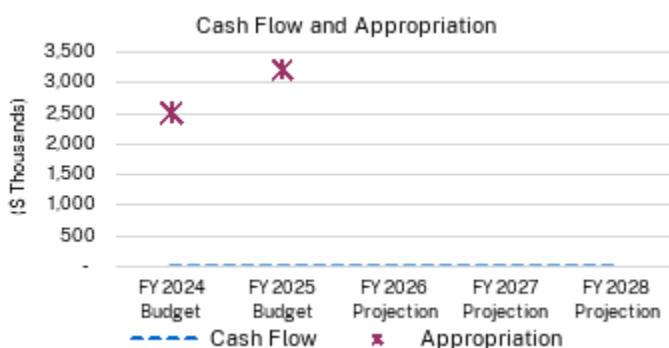
Lead Department:

Wastewater

In Service Date:

RECURRING

Cash Flow and Appropriation (\$ Thousands)						
	Total	FY 2024 Budget	FY 2025 Budget	FY 2026 Projection	FY 2027 Projection	FY 2028 Projection
Cash Flow	-	-	-	-	-	-
Appropriation	5,700	2,500	3,200			



Funding Sources	Funding (%)
Applicant Funded Projects	
Bond/Revenue Funded Projects	100%
Equipment Replacement Fund	
Grants	
Outside Agency	
Future Water Supply	
Vehicle Replacement Fund	
Total Funding Sources	100%

This Award is required to ensure timely response to unanticipated critical work, as well as specific projects that are contingent upon the receipt of grants or other outside funding. Rapid response is critical for maintaining regulatory compliance, public safety, employee safety or addressing other unanticipated essential needs. As the Capital Improvement Program grows, the Contingency appropriation is growing to accommodate potential cost changes as well as provide for opportunities to reinvest in infrastructure when awarded funding from external parties. The Contingency Award is only intended to provide appropriations to existing Awards approved by the Board in the event of material unexpected cost increases or due to unexpected emergencies, without requiring the Board amend the budget, and without each Award incurring its own contingency, which could significantly increase overall capital appropriations. The Contingency Award does not incur costs directly.

Transfers of these contingency Appropriations are uncommon. Costs that significantly exceed budgeted expectations are reported to the Board under existing policies. Transfers out of the Capital Contingency Awards are approved by the Director of Finance and the General Manager is informed when the amount is greater than \$2.5 million.

Index: Numerically Sorted Wastewater Awards

7000328124	7000333116	7000338121
7000329.....125	7000334117	7000339.....122
7000330113	7000335118	7000340.....123
7000331114	7000336119	7000341126
7000332115	7000337120	7000354.....127

Index: Alphabetically Sorted Wastewater Awards

Contingency General – Wastewater, 127	Power Generation and Biogas, 116
Dewatering, 121	Preliminary Treatment, 113
Digesters, 120	Primary Treatment, 114
Effluent Discharge, 117	Resource Recovery, 119
General Wastewater, 126	Secondary Treatment, 115
Interceptors and Pump Stations, 124	Wet Weather Facilities, 125
Nutrients, 118	

This page is intentionally left blank.



RESOLUTION NO. _____

APPROVING AND ADOPTING THE BUDGET OF THE EAST BAY MUNICIPAL UTILITY DISTRICT WATER AND WASTEWATER SYSTEMS FOR FISCAL YEAR 2024 AND FISCAL YEAR 2025, ESTABLISHING THE TERMS AND CONDITIONS FOR THE PAYMENT OF DEMANDS AGAINST THE DISTRICT, DELEGATING AUTHORITY FOR CERTAIN BUDGET IMPLEMENTATION ACTIONS, AND EXPRESSING THE DISTRICT'S INTENTION TO ISSUE TAX EXEMPT DEBT OBLIGATIONS FOR REIMBURSEMENT OF EXPENDITURES FOR CERTAIN CAPITAL IMPROVEMENT PROJECTS

Introduced by Director _____ ; Seconded by Director _____

WHEREAS, the General Manager has prepared an estimate of all expenditures necessary and advisable for the proper conduct of the activities of the East Bay Municipal Utility District (District) and submitted the estimate to the Board of Directors in the Proposed Biennial Budget Fiscal Years 2024 and 2025 (Proposed Biennial Budget); and

WHEREAS, the Proposed Biennial Budget reflects proposed regular rate increases. The proposed regular rate increases for the Water System are 8.5 percent and an additional 8.5 percent for Fiscal Year 2024 (FY 2024) and Fiscal Year 2025 (FY 2025), respectively. The proposed regular rate increases for the Wastewater System are 8.5 percent and an additional 8.5 percent for FY 2024 and FY 2025, respectively; and

WHEREAS, the FY 2024 and FY 2025 Proposed Biennial Budget does not include an appropriation for drought contingency expenditures; and

WHEREAS, Drought Surcharges will continue to remain available as a contingency and will be up to 8.0 percent, 20.0 percent, and 25.0 percent for Drought Stages 2, 3, and 4, respectively, which would apply to each unit of potable water consumed if the Board of Directors declares a Stage 2 or greater drought, at an exact rate to be fixed by the Board but not to exceed the aforementioned percentages. Prior to implementing any Drought Surcharge, the District will update its projection of drought-related costs and will propose a drought contingency appropriation for consideration by the Board of Directors; and

WHEREAS, workshops were held on January 24, 2023 and March 28, 2023, at which time the Board of Directors and members of the public were provided an opportunity to review and ask questions about the Proposed Biennial Budget prepared by the General Manager; and

WHEREAS, the Board of Directors has considered all the oral and written information presented to it; and

WHEREAS, the Board of Directors desires to adopt a budget for FY 2024 and FY 2025, to appropriate funds for expenditure consistent with the adopted budget, and to delegate certain limited authority, as specified in this Resolution, to incur obligations, to provide for payment of demands against the District, to make certain transfers of appropriated funds, and for other purposes specified herein; and

WHEREAS, the District expects to finance, from time to time, a portion of the costs of the District’s capital improvement program for its Water and Wastewater Systems through the issuance and sale of obligations, the interest upon which is excluded from gross income for federal income tax purposes, and the Board of Directors desires to establish at this time the District’s intention to reimburse itself from the proceeds of such tax-exempt obligations for certain expenditures incurred by the District in connection with its capital improvement program prior to the issuance of the debt obligations;

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the East Bay Municipal Utility District as follows:

Section 1. The Proposed Biennial Budget for FY 2024 and FY 2025 presented by the General Manager to the Board of Directors on March 28, 2023 is hereby approved and adopted as the FY 2024 and FY 2025 budget for the East Bay Municipal Utility District. The Director of Finance is directed to prepare final budget documents in accordance with such approval and adoption, which shall be kept on file in the Office of the Secretary. The final budget documents may incorporate minor modifications to the Proposed Biennial Budget provided such modifications do not result in a change to any amounts stated in Section 2 of this Resolution. The adopted budget may be further modified without further action of the Board of Directors only to the extent authorized by another provision of this Resolution.

Section 2. For the purposes of complying with section 11891.5 of the Public Utilities Code, the FY 2024 and FY 2025 budget is expressed in major groups of accounts as indicated below. The following amounts are hereby appropriated for expenditure:

WATER SYSTEM:	<u>FY 2024</u>	<u>FY 2025</u>
Operating Budget	\$397,428,634	\$413,176,571
Debt Service	238,673,425	256,317,818
Capital Budget	<u>541,631,256</u>	<u>359,938,282</u>
Total Water System	<u>\$1,177,733,315</u>	<u>\$1,029,432,671</u>
WASTEWATER SYSTEM:		
Operating Budget	\$103,742,517	\$108,464,054
Debt Service	32,870,923	34,775,679
Capital Budget	<u>85,674,154</u>	<u>87,235,602</u>
Total Wastewater System	<u>\$222,287,594</u>	<u>\$230,475,335</u>

Section 3. The General Manager is authorized to approve the payment of demands against the District in FY 2024, without further Board of Directors’ authorization, so long as the demands are incurred for purposes and within the amounts set forth in Section 2 of this Resolution, and as said amounts may be amended, with respect to FY 2024. Projection of the District’s operations with respect to FY 2025 will be resubmitted to the Board of Directors in June 2024 for review and approval, consistent with Public Utilities Code section 11891.5.

Section 4. The General Manager is authorized for FY 2024 and FY 2025 to transfer funds between the Capital Budget and the Operating Budget within each of the Water and

Wastewater Systems' respective budgets as required, but not to exceed a variance of 5.0 percent of the affected Capital or Operating Budgets, whichever is higher in dollar terms, and provided that the total budget for each of the two systems remains unchanged.

Section 5. Subject to compliance with section 12751 of the Public Utilities Code, authority is hereby delegated to incur obligations for the purposes and within the amounts specified for such purposes in the budget hereby approved under such terms and conditions as the General Manager shall establish.

Section 6. In order to provide for completion of work authorized but not completed as of the close of the fiscal year, balances remaining at the close of FY 2023 and FY 2024, respectively, are hereby appropriated for expenditure in the subsequent fiscal year, in addition to the applicable fiscal year appropriations for capital and operating expenditures.

Section 7. The Director of Finance is hereby authorized and directed to distribute the FY 2024 and FY 2025 appropriations to the various accounts of the District in accordance with generally accepted accounting principles and consistent with the purposes and objectives identified in the approved budget. The Director of Finance is further authorized to apply surplus revenues above the targeted reserve levels identified in the approved budget to retire currently outstanding bonds where it is cost-effective to do so, fund capital expenditures in FY 2024 and FY 2025, or set aside revenues in a restricted fund to fund capital expenditures. Department directors and department managers are authorized, with approval of the Office of Budget and Performance, to transfer unexpended funds to other approved operations or capital projects, provided that the total Capital Budget and Operating Budget for the Water and Wastewater Systems remain unchanged. An annual report of the transferred capital unexpended funds will be submitted by the Office of Budget and Performance to the General Manager. This Section 7 does not modify or limit the authority given to the General Manager by Section 4.

Section 8. Notwithstanding Section 2 of this Resolution, any appropriations necessary to fulfill the purposes of a grant duly accepted by the District are hereby appropriated for the purposes for which the grant has been approved. Such appropriation includes authorization for the General Manager to expend such monies and for the Director of Finance to make payments therefor in accordance with the terms and conditions and for the purposes of the grant.

Section 9. The Board of Directors hereby declares the District's intent to reimburse itself with the proceeds of one or more issues of tax-exempt bonds, commercial paper notes, or other indebtedness (Obligations) for a portion of the costs of the District's capital improvement program for its Water and Wastewater Systems, as set forth above in the District's Capital Budget for FY 2024 and FY 2025. The maximum principal amount of the Obligations expected to be issued from time to time to finance the costs of such capital improvement program, as set forth in the District's Capital Budget is in aggregate \$901.7 million for the Water System (\$541.7 million for FY 2024 expenditures, and \$360.0 million for FY 2025 expenditures), and in aggregate \$173.0 million for the Wastewater System (\$85.7 million for FY 2024 expenditures, and \$87.3 million for FY 2025 expenditures). The District reasonably expects on the date hereof that it will reimburse certain expenditures paid pursuant to the District's Capital Budget with the proceeds of the Obligations.

Section 10. Proceeds of the Obligations to be used to reimburse for costs are not expected to be used within one year of reimbursement, directly or indirectly to pay debt service with respect to any obligation (other than to pay current debt service coming due within the next succeeding one year period on any tax-exempt obligation of the District (other than the Obligations)) or to be held as a reasonably required reserve or replacement fund with respect to an obligation of the District or any entity related in any manner to the District, or to reimburse any expenditure that was originally paid with the proceeds of any obligation, or to replace funds that are or will be used in such manner.

Section 11. This Resolution is consistent with the budgetary and financial circumstances of the District as of the date hereof. No monies from sources other than the Obligations are, or are reasonably expected to be, reserved, allocated on a long-term basis, or otherwise set aside by the District or any related party pursuant to their budget or financial policies with respect to the costs to be reimbursed from the Obligations.

the District in order to comply with Treasury Regulation section 1.150-2 and any other regulations of the Internal Revenue Service relating to the qualification for reimbursement of the District expenditures incurred prior to the date of issue of the Obligations, is part of the District's official proceedings, and will be available for inspection by the general public at the main administrative office of the District.

ADOPTED this 13th day of June, 2023 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

ATTEST:

President

Secretary

APPROVED AS TO FORM AND PROCEDURE:

General Counsel

Title:	Fiscal Years 2024 and 2025 Position Resolution		June 13, 2023
--------	--	--	---------------

alignment of positions. The Controller classification salary will be decreased and the Internal Auditor Supervisor classification salary will be increased.

In the FY 2024 and FY 2025 operating and capital budgets, several positions will transition from Temporary Construction (TC) or Limited-Term (LT) status to regular status with no net change in authorized FTEs. In order to maintain efficient operations during this transition, it is requested that an extension to retain the current status of the TC and LT positions as authorized in the FY 2023 Staffing Plan (that are currently filled) be granted until they are filled in the new capacity as described in the FY 2024 and FY 2025 operating and capital budgets.

SUSTAINABILITY

Economic

The District’s estimated net change in cost for salary and benefits for the staffing changes reflected in this position resolution is \$10.4 million and \$0.2 million in FY 2024 and FY 2025, respectively. These amounts are included in the District’s proposed FY 2024 and FY 2025 operating and capital budgets.

Social

The proposed position resolution changes to Union represented positions and classifications have been reviewed with Locals 21, 444 and 2019 and no objections were raised. No staffing changes were proposed for positions or classifications represented by Local 39.

ALTERNATIVE

Do not adopt the FY 2024 and FY 2025 position resolution. This alternative is not recommended because it would prevent authorization of staffing changes critical to the accomplishment of the District’s Strategic Plan and operations during FY 2024 and FY 2025.

I:\SEC\2023 Board Related Items\061323 Board Agenda Items\HRD\Fiscal Years 2024 and 2025 Position Resolution.docx

EXHIBIT "A"
SUMMARY OF STAFF CHANGES
(July 1, 2023)

Group/Department	FY2023	FY2024	FY2024	FY2025	FY2025
	Amended Staff Years ⁽¹⁾	Recommended Staff Years ⁽²⁾	Net Change	Recommended Staff Years ⁽²⁾	Net Change
ADMINISTRATION	<u>1</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>0</u>
CUSTOMER AND COMMUNITY SERVICES	<u>153.5</u>	<u>154.5</u>	<u>1</u>	<u>154.5</u>	<u>0</u>
ENGINEERING AND CONSTRUCTION	<u>282</u>	<u>293</u>	<u>11</u>	<u>294</u>	<u>1</u>
FINANCE	<u>190.5</u>	<u>195.5</u>	<u>5</u>	<u>195.5</u>	<u>0</u>
Finance	97.5	99.5	2	99.5	0
Information Systems	93	96	3	96	0
HUMAN RESOURCES	<u>42.5</u>	<u>46.5</u>	<u>4</u>	<u>46.5</u>	<u>0</u>
OFFICE OF THE GENERAL COUNSEL	<u>16.5</u>	<u>16.5</u>	<u>0</u>	<u>16.5</u>	<u>0</u>
OFFICE OF THE GENERAL MANAGER	<u>74.5</u>	<u>80.5</u>	<u>6</u>	<u>80.5</u>	<u>0</u>
MAINTENANCE AND CONSTRUCTION	<u>606.5</u>	<u>630.5</u>	<u>24</u>	<u>630.5</u>	<u>0</u>
OPERATIONS & MAINTENANCE SUPPORT	<u>55</u>	<u>56</u>	<u>1</u>	<u>56</u>	<u>0</u>
WATER OPERATIONS	<u>337.25</u>	<u>341.25</u>	<u>4</u>	<u>341.25</u>	<u>0</u>
WATER AND NATURAL RESOURCES	<u>102.5</u>	<u>102.5</u>	<u>0</u>	<u>102.5</u>	<u>0</u>
Water Resources	35	35	0	35	0
Natural Resources	67.5	67.5	0	67.5	0
WATER RECYCLING PROGRAM	<u>8</u>	<u>8</u>	<u>0</u>	<u>8</u>	<u>0</u>
WATER SYSTEM TOTAL	1869.75	1925.75	56	1926.75	1
WASTEWATER	<u>289.5</u>	<u>304</u>	<u>14.5</u>	<u>304</u>	<u>0</u>
DISTRICT-WIDE TOTAL IN FTEs ⁽³⁾	2159.25	2229.75	70.5	2230.75	1

Notes (1), (2), (3) - See page 2

EXHIBIT "A"
SUMMARY OF STAFF CHANGES
(July 1, 2023)

TOTAL POSITIONS AUTHORIZED BY TYPE OF STATUS	FY24 Positions	FY24 Net Change	FY25 Positions	FY25 Net Change
Full-Time	2131	48	2132	1
Temporary	51	7	51	0
Part-Time	17	0	17	0
Intermittent	5	0	5	0
Temporary Construction and Limited-Term	61	19	61	0
DISTRICT-WIDE TOTAL IN POSITIONS⁽³⁾	2265	74	2266	1

Notes to Exhibit A:

- (1) Amended staffing applies mid-year Board actions, changes to the FY2023 Position Resolution under the General Manager's authority, position transfers, and administrative corrections effective May 12, 2023.
- (2) Regular Full-Time, Temporary Construction, and Limited Term Positions = 1.0 staff year
Part-Time and Temporary = .5 staff year
Intermittent = .75 staff year
- (3) The District-wide full-time equivalent (FTE) total takes into account that temporary, part-time and intermittent positions are valued at less than 1.0 staff year each. The District-wide position total does not make that distinction.

EXHIBIT "B1"
FY2024
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2023)

Customer and Community Services Department

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/ CONF	NRP/ EXMPT	Explanation
325	1.00	TBD			New Business Representative I/II	L/T	62	1.00						Support new connections during peak workload

Engineering and Construction Department

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/ CONF	NRP/ EXMPT	Explanation
577	1.00	TBD			Associate Civil Engineer	REG	76	1.00						Support capital improvement program
578	1.00	TBD			Associate Civil Engineer	REG	76	1.00						Support capital improvement program
502	1.00	TBD			Drafting Supervisor	REG	70			1.00				Support capital improvement program
561	1.00	TBD			Engineering Designer I/II	REG	67	1.00						Support capital improvement program
534	1.00	TBD			Senior Engineering Designer	REG	71	1.00						Support capital improvement program
502	1.00	TBD			Principal Management Analyst	REG	77					1.00		Innovation and best-practice research
535	1.00	TBD			Associate Civil Engineer	REG	76	1.00						Support capital improvement program
535	1.00	TBD			Assistant Engineer/ Junior Engineer	REG	72	1.00						Support capital improvement program

EXHIBIT "B1"
FY2024
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2023)

Engineering and Construction Department (continued)

ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	Representation Change ¹						Explanation	
								2019	444	21	39	MGR/CONF	NRP/EXMPT		
575	1.00	TBD			Associate Civil Engineer	REG	76	1.00							Support capital improvement program
576	1.00	TBD			Associate Civil Engineer	REG	76	1.00							Support capital improvement program
551	1.00	TBD			Associate Civil Engineer	REG	76	1.00							Support capital improvement program
572	0.00	2306	Senior Construction Inspector/ Construction Inspector	L/T ²	Senior Construction Inspector/ Construction Inspector	REG	71	0.00							1.00 FTE affected; Support baseline growth in capital plan
572	0.00	2307	Senior Construction Inspector/ Construction Inspector	L/T ²	Senior Construction Inspector/ Construction Inspector	REG	71	0.00							1.00 FTE affected; Support baseline growth in capital plan
572	0.00	2299	Senior Construction Inspector/ Construction Inspector	T/C ²	Senior Construction Inspector/ Construction Inspector	REG	71	0.00							1.00 FTE affected; Support baseline growth in capital plan
575	0.00	2300	Associate Civil Engineer/ Associate Electrical Engineer/ Associate Mechanical Engineer	T/C ²	Associate Civil Engineer/ Associate Electrical Engineer/ Associate Mechanical Engineer	REG	76	0.00							1.00 FTE affected; Support baseline growth in capital plan
572	0.00	2301	Supervising Construction Inspector	T/C ²	Supervising Construction Inspector	REG	75	0.00							1.00 FTE affected; Support baseline growth in capital plan

EXHIBIT "B1"
FY2024
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2023)

Engineering and Construction Department (continued)

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
576	0.00	2304	Assistant Engineer/ Senior Construction Inspector/ Junior Engineer	T/C ²	Assistant Engineer/ Junior Engineer	REG	72	0.00						1.00 FTE affected; Support baseline growth in capital plan
577	0.00	2305	Assistant Engineer/ Senior Construction Inspector/ Junior Engineer	T/C ²	Assistant Engineer/ Junior Engineer	REG	72	0.00						1.00 FTE affected; Support baseline growth in capital plan
572	0.00	2308	Construction Inspector	T/C ²	Construction Inspector	REG	67	0.00						1.00 FTE affected; Support baseline growth in capital plan

Finance Department

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
230	1.00	TBD			Buyer I/II	REG	64	1.00						Support capital improvement program
202	1.00	TBD			Principal Management Analyst	REG	77					1.00		Grants writing

EXHIBIT "B1"
FY2024
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2023)

Human Resources Department

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
361	1.00	TBD			Information Systems Administrator II	REG	77			1.00				Product owner for new HRIS, including implementation
365	1.00	TBD			Human Resources Analyst I/II / Human Resources Technician	REG	69					1.00		Improve onboarding and communication
365	1.00	TBD			Senior Administrative Clerk, Confidential	L/T	55					1.00		Support peak workload and efficiency improvements
366	1.00	TBD			Human Resources Analyst I/II	L/T	69					1.00		Support peak workload and efficiency improvements
365	1.00	TBD			HRIS Analyst I	L/T	61					1.00		Support peak workload and efficiency improvements
365	(1.00)	4536	Principal Management Analyst	T/C			77					(1.00)		REG ISA position is better suited for long-term HRIS project

EXHIBIT "B1"
FY2024
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2023)

Information Systems Department

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
255	1.00	TBD			Management Analyst I/II	REG	69			1.00				Support cybersecurity
255	1.00	TBD			Senior Information Technology Engineer/ Information Technology Engineer I/II	REG	76	1.00						Support cybersecurity
251	1.00	TBD			Senior Software Engineer/ Software Engineer I/II	T/C	75	1.00						Support HRIS Implementation

Maintenance and Construction Department

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
746	6.00	TBD			Heavy Transport Operator	REG	58		6.00					Aging infrastructure and reduce FM&O and contracting out
720	4.00	TBD			Water Distribution Plumber I/II/III	REG	59		4.00					Aging infrastructure and reduce FM&O and contracting out
746	2.00	TBD			Heavy Equipment Operator	REG	61		2.00					Aging infrastructure and reduce FM&O and contracting out
746	4.00	TBD			Water Distribution Plumber I/II/III	REG	59		4.00					Aging infrastructure and reduce FM&O and contracting out

EXHIBIT "B1"
FY2024
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2023)

Maintenance and Construction Department (continued)

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
746	1.00	TBD			General Pipe Supervisor	REG	72			1.00				Aging infrastructure and reduce FM&O and contracting out
753	3.00	TBD			Water Distribution Plumber I/II/III	L/T	59		3.00					Replace meters with highest rates of underbilling
720	2.00	TBD			Water Distribution Plumber I/II/III	T/C	59		2.00					Aging infrastructure and reduce FM&O and contracting out
720	1.00	TBD			Water Distribution Crew Foreman	T/C	68		1.00					Aging infrastructure and reduce FM&O and contracting out
720	1.00	TBD			Heavy Equipment Operator	T/C	61		1.00					Aging infrastructure and reduce FM&O and contracting out
755	0.00	2269, 2275, 2277, 6118	Concrete Finisher I/II & Gardener I/II	L/T ² & REG	Concrete Finisher I/II	REG	58		0.00					4.00 FTE; Aging infrastructure and reduce FM&O and contracting out
747	0.00	2448, 2450	Paving Raker A & Janitor	L/T ² & REG	Paving Raker A	REG	56		0.00					2.00 FTE; Aging infrastructure and reduce FM&O and contracting out

EXHIBIT "B1"
FY2024
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2023)

Office of the General Manager

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
116	1.00	TBD			Community Affairs Representative I/II	REG	69			1.00				Support outreach on expanded capital plan
116	1.00	TBD			Community Affairs Representative III	REG	73			1.00				Consolidate and increase education programs and outreach
144	1.00	TBD			Ranger/Naturalist I/II	L/T	58	1.00						Support workforce diversity
144	2.00	TBD			Engineering Aide	TEMP	46	2.00						Support workforce diversity
144	1.00	TBD			Student Intern	TEMP	46	1.00						Support workforce diversity
144	1.00	TBD			Information Technology Intern I/II	TEMP	53	1.00						Support workforce diversity
141	(1.00)	3703, 3704	Worker Trainee	TEMP			5						(1.00)	Replaced by Engineering Aides

Operations and Maintenance Support Department

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
792	1.00	TBD			Information Systems Support Analyst I/II	T/C	70	1.00						Support new assets in capital improvement program

EXHIBIT "B1"
FY2024
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2023)

Water Operations Department

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
735	1.00	TBD			Instrument Technician/ Instrument Worker I/II/III	REG	66		1.00					Meet increased need for instrument maintenance
762	1.00	TBD			Hydroelectric Power Plant Supervisor	REG	72			1.00				Improve support for operating staff at Pardee
777	1.00	TBD			Water System Inspector I/II	REG	62	1.00						Meet increased need for water quality monitoring
734	1.00	TBD			Construction & Maintenance Scheduler	T/C	70	1.00						Support peak scheduling workload during treatment plant improvements

Wastewater Department

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
911	2.00	TBD			Electrical Technician/ Electrical Worker I/II/III	REG	67		2.00					Aging infrastructure and reduce contracting out
911	1.00	TBD			Power Plant Mechanic/ Operator	REG	65		1.00					Support improved Operator coverage for power-generating facilities
926	1.00	TBD			Assistant Engineer/ Junior Engineer	REG	72	1.00						Improve capital program planning and asset management
927	1.00	TBD			Assistant Engineer/ Junior Engineer	REG	72	1.00						Support baseline growth in capital plan

EXHIBIT "B1"
FY2024
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2023)

Wastewater Department (continued)

ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	Representation Change ¹						Explanation	
								2019	444	21	39	MGR/CONF	NRP/EXMPT		
927	1.00	TBD			Senior Construction Inspector	REG	71	1.00							Support baseline growth in capital plan
928	1.00	TBD			Engineering Designer I/II	REG	67	1.00							Support baseline growth in capital plan
929	1.00	TBD			Associate Electrical Engineer	REG	77	1.00							Support baseline growth in capital plan
911	1.00	TBD			Facility Specialist II	REG	61		1.00						Aging infrastructure and reduce contracting out
942	1.00	TBD			Wastewater Control Inspector I/II	L/T	62	1.00							Support potential partnership on private sewer laterals
911	1.00	TBD			Painter	L/T	60		1.00						Aging infrastructure and reduce contracting out
927	3.00	TBD			Associate Civil Engineer	T/C	76	3.00							Construction management for CIP workload above baseline
902	0.50	TBD			Engineering Aide	TEMP	46	0.50							Support workforce diversity

District-wide Representation Change	2019	444	21	39	MGR/CONF	NRP/EXMPT
Total FY2024 Representation (NET FTE)	30.50	29.00	7.00	0.00	5.00	-1.00

Notes to Exhibit B:

1. "0.00" in the Representation Change column indicates no net change in FTE count.
2. Character type will be extended until transitioned to new character type.

EXHIBIT "B2"
FY2025
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2024)

Engineering and Construction Department

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
561	1.00	TBD			Engineering Designer I/II	REG	67	1.00						Support capital improvement program

District-wide Representation Change	2019	444	21	39	MGR/CONF	NRP/EXMPT
Total FY2025 Representation (NET FTE)	1.00	0.00	0.00	0.00	0.00	0.00

Notes to Exhibit B:

1. "0.00" in the Representation Change column indicates no net change in FTE count.
2. Character type will be extended until transitioned to new character type.

EXHIBIT "C"
FY2024
CLASSIFICATION PLAN CHANGES
(July 1, 2023)

CLASSIFICATION ADDITIONS

Class Code	Class Title	Monthly Salary Range	Rep. Unit	Explanation
TBD	Community Affairs Representative III	R73 \$11,674 - \$13,515	21	To provide oversight of long-range community affairs projects.

CLASSIFICATION DELETIONS

Class Code	Class Title	Monthly Salary Range	Rep. Unit	Explanation
2572	Assistant Superintendent, Water Treatment/Distribution	R76 \$12,575 - \$14,557	21	Redundant with Water Treatment Supervisor and Water Distribution Supervisor
2323	Supervising Systems Programmer	R83 \$14,940 - \$17,295	21	Redundant with Information Services Supervisor
4389	Supervising Wastewater Control Inspector	R73 \$11,674 - \$13,515	21	Redundant with Supervising Wastewater Control Representative

OTHER CLASSIFICATION ACTIONS

Class Code	Class Title	Monthly Salary Range	Rep. Unit	Explanation
1517	Controller	R85 \$13,977 - \$21,199	NA	Decrease salary from Grade 87 to Grade 85
5230	Internal Auditor Supervisor	R80 \$12,356 - \$18,741	MGR	Increase salary from Grade 77 to Grade 80

This page is intentionally left blank.

RESOLUTION NO. _____

AUTHORIZING THE NUMBER AND CHARACTER OF POSITIONS AND AUTHORIZING
THE GENERAL MANAGER TO TAKE ACTION IN CONNECTION THEREWITH

Introduced by Director _____ ; Seconded by Director _____

WHEREAS, the Board of Directors of the East Bay Municipal Utility District (District) is charged with the responsibility to determine and create the number and character of positions required to carry on the functions of the District; and

WHEREAS, the General Manager has filed a report with the Board of Directors recommending that 2,229.75 full-time equivalent (FTE) positions be authorized to carry on the functions of the District in Fiscal Year 2024 and 2,230.75 FTE positions be authorized to carry on the functions of the District in Fiscal Year 2025;

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the East Bay Municipal Utility District as follows:

1. That 2,229.75 FTE positions be and hereby are authorized for Fiscal Year 2024 and 2,230.75 FTE positions be and hereby are authorized for Fiscal Year 2025, and that said positions are hereby converted, reallocated, created, deleted, and/or flexibly staffed in accordance with Exhibits A, B1, B2 and C, which are attached hereto and incorporated herein by this reference, and that the character of the positions (Full-Time Civil Service, Full-Time Civil Service Exempt, Limited Term, Temporary Construction, Temporary, Intermittent, and Part-Time) so authorized shall be as set forth in said Exhibits.
2. That the necessary amounts for salaries and benefits for the positions authorized in Section 1 of this Resolution for Fiscal Year 2024 and Fiscal Year 2025, which include the classification plan changes set forth in Exhibit C, are hereby authorized and appropriated, and that the salary schedules and monthly salary or wage rates for the positions authorized in this Resolution are approved.
3. That the Board of Directors hereby authorizes the General Manager to determine the specific classification and organizational placement within the District for each of the authorized positions and authorizes the General Manager to reallocate, flexibly staff, reassign and/or transfer said existing positions and personnel within the District, provided that: (1) the total number of positions that are represented remains unchanged for each fiscal year; (2) the character of the positions as enumerated above and as set forth in Exhibits A, B1, B2 and C is not changed provided, however, that the General Manager is authorized to flexibly staff regular full-time civil service positions with intermittent civil service positions consistent with procedures adopted by the General Manager for that purpose; (3) the total approved salaries and benefits for Fiscal Year 2024 and Fiscal Year 2025 are not exceeded; (4) this authority is exercised in accordance with applicable District rules, regulations, policies and procedures, including those adopted to implement the District's civil service system set forth at Section 12051, *et seq.* of the Municipal

Utility District Act and any applicable provisions of relevant Memoranda of Understanding between the District and AFSCME Local 444, AFSCME Local 2019, IFPTE Local 21, and Stationary Engineers Local 39; and (5) the General Manager posts notice of such proposed changes in a conspicuous place at the District, and also notifies the Board of Directors, AFSCME Local 444, AFSCME Local 2019, IFPTE Local 21, and Stationary Engineers Local 39 of such proposed changes at least seven (7) calendar days prior to making any such change.

4. That the continuing operational need for any and all Limited Term and Temporary Construction positions included in the budget for Fiscal Year 2024 and Fiscal Year 2025 be evaluated and reported on by departments as part of their budget request for Fiscal Year 2024 and Fiscal Year 2025. Departments are responsible for ensuring that Limited Term and Temporary Construction positions are terminated at the end of their assigned project and are not reassigned without obtaining approval from the General Manager and the Board of Directors.
5. That all other resolutions or motions or parts thereof in conflict with this Resolution are revoked, provided that the authority of the General Manager or the General Manager's designee to create special replacement positions (Section 4, Resolution No. 30950-84; Section 3, Resolution No. 31904-87, and Section 4, Resolution No. 32084-88 as amended by Resolution No. 33425-04) and to transfer functions and positions (Section 5, Resolution No. 30950-84) and to approve special replacement positions/classifications for Limited Term and Temporary Construction positions (Section 3, Resolution No. 31303-85) and to temporarily replace full-time employees who are absent or are on approved leave as a result of participation in the District's drug and alcohol testing program, not to exceed a maximum of six (6) months and in accordance with applicable District Civil Service Rules (Section 8, Resolution No. 32926-95) and to designate the classification, organizational assignment, duration, and appointments for up to ten (10) Workforce Transition (WT) positions to mitigate near term retirements (Resolution No. 33676-08) in accordance with applicable District Civil Service Rules shall remain in full force and effect.

BE IT FURTHER RESOLVED by the Board of Directors of the East Bay Municipal Utility District that, in accordance with Exhibit C, attached hereto and incorporated herein:

6. The following classification shall be added: Customer Affairs Representative III.
7. The following classifications shall be deleted: Assistant Superintendent, Water Treatment/Distribution; Supervising Systems Programmer; and Supervising Wastewater Control Inspector.

The salary for the Controller classification shall be decreased from Salary Grade 87 to 85; and the salary for the Internal Auditor Supervisor classification shall be increased from Salary Grade 77 to 80.

BE IT FURTHER RESOLVED that this Resolution shall become effective July 1, 2023.

ADOPTED this 13th day of June, 2023 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

President

ATTEST:

Secretary

APPROVED AS TO FORM AND PROCEDURE:

General Counsel

EXHIBIT "A"
SUMMARY OF STAFF CHANGES
(July 1, 2023)

Group/Department	FY2023 Amended Staff Years ⁽¹⁾	FY2024 Recommended Staff Years ⁽²⁾	FY2024 Net Change	FY2025 Recommended Staff Years ⁽²⁾	FY2025 Net Change
ADMINISTRATION	<u>1</u>	<u>1</u>	<u>0</u>	<u>1</u>	<u>0</u>
CUSTOMER AND COMMUNITY SERVICES	<u>153.5</u>	<u>154.5</u>	<u>1</u>	<u>154.5</u>	<u>0</u>
ENGINEERING AND CONSTRUCTION	<u>282</u>	<u>293</u>	<u>11</u>	<u>294</u>	<u>1</u>
FINANCE	<u>190.5</u>	<u>195.5</u>	<u>5</u>	<u>195.5</u>	<u>0</u>
Finance	97.5	99.5	2	99.5	0
Information Systems	93	96	3	96	0
HUMAN RESOURCES	<u>42.5</u>	<u>46.5</u>	<u>4</u>	<u>46.5</u>	<u>0</u>
OFFICE OF THE GENERAL COUNSEL	<u>16.5</u>	<u>16.5</u>	<u>0</u>	<u>16.5</u>	<u>0</u>
OFFICE OF THE GENERAL MANAGER	<u>74.5</u>	<u>80.5</u>	<u>6</u>	<u>80.5</u>	<u>0</u>
MAINTENANCE AND CONSTRUCTION	<u>606.5</u>	<u>630.5</u>	<u>24</u>	<u>630.5</u>	<u>0</u>
OPERATIONS & MAINTENANCE SUPPORT	<u>55</u>	<u>56</u>	<u>1</u>	<u>56</u>	<u>0</u>
WATER OPERATIONS	<u>337.25</u>	<u>341.25</u>	<u>4</u>	<u>341.25</u>	<u>0</u>
WATER AND NATURAL RESOURCES	<u>102.5</u>	<u>102.5</u>	<u>0</u>	<u>102.5</u>	<u>0</u>
Water Resources		35	0	35	0
Natural Resources	67.5	67.5	0	67.5	0
WATER RECYCLING PROGRAM	<u>8</u>	<u>8</u>	<u>0</u>	<u>8</u>	<u>0</u>
WATER SYSTEM TOTAL	1869.75	1925.75	56	1926.75	1
WASTEWATER	<u>289.5</u>	<u>304</u>	<u>14.5</u>	<u>304</u>	<u>0</u>
DISTRICT-WIDE TOTAL IN FTEs ⁽³⁾	2159.25	2229.75	70.5	2230.75	1

Notes (1), (2), (3) - See page 2

EXHIBIT "A"
SUMMARY OF STAFF CHANGES
(July 1, 2023)

TOTAL POSITIONS AUTHORIZED BY TYPE OF STATUS	FY24 Positions	FY24 Net Change	FY25 Positions	FY25 Net Change
Full-Time	2131	48	2132	1
Temporary	51	7	51	0
Part-Time	17	0	17	0
Intermittent	5	0	5	0
Temporary Construction and Limited-Term	61	19	61	0
DISTRICT-WIDE TOTAL IN POSITIONS⁽³⁾	2265	74	2266	1

Notes to Exhibit A:

- (1) Amended staffing applies mid-year Board actions, changes to the FY2023 Position Resolution under the General Manager's authority, position transfers, and administrative corrections effective May 12, 2023.
- (2) Regular Full-Time, Temporary Construction, and Limited Term Positions = 1.0 staff year
Part-Time and Temporary = .5 staff year
Intermittent = .75 staff year
- (3) The District-wide full-time equivalent (FTE) total takes into account that temporary, part-time and intermittent positions are valued at less than 1.0 staff year each. The District-wide position total does not make that distinction.

EXHIBIT "B1"
FY2024
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2023)

Customer and Community Services Department

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/ CONF	NRP/ EXMPT	Explanation
325	1.00	TBD			New Business Representative I/II	L/T	62	1.00						Support new connections during peak workload

Engineering and Construction Department

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/ CONF	NRP/ EXMPT	Explanation
577	1.00	TBD			Associate Civil Engineer	REG	76	1.00						Support capital improvement program
578	1.00	TBD			Associate Civil Engineer	REG	76	1.00						Support capital improvement program
502	1.00	TBD			Drafting Supervisor	REG	70			1.00				Support capital improvement program
561	1.00	TBD			Engineering Designer I/II	REG	67	1.00						Support capital improvement program
534	1.00	TBD			Senior Engineering Designer	REG	71	1.00						Support capital improvement program
502	1.00	TBD			Principal Management Analyst	REG	77					1.00		Innovation and best-practice research
535	1.00	TBD			Associate Civil Engineer	REG	76	1.00						Support capital improvement program
535	1.00	TBD			Assistant Engineer/ Junior Engineer	REG	72	1.00						Support capital improvement program

EXHIBIT "B1"
FY2024
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2023)

Engineering and Construction Department (continued)

ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	Representation Change ¹						Explanation	
								2019	444	21	39	MGR/CONF	NRP/EXMPT		
575	1.00	TBD			Associate Civil Engineer	REG	76	1.00							Support capital improvement program
576	1.00	TBD			Associate Civil Engineer	REG	76	1.00							Support capital improvement program
551	1.00	TBD			Associate Civil Engineer	REG	76	1.00							Support capital improvement program
572	0.00	2306	Senior Construction Inspector/ Construction Inspector	L/T ²	Senior Construction Inspector/ Construction Inspector	REG	71	0.00							1.00 FTE affected; Support baseline growth in capital plan
572	0.00	2307	Senior Construction Inspector/ Construction Inspector	L/T ²	Senior Construction Inspector/ Construction Inspector	REG	71	0.00							1.00 FTE affected; Support baseline growth in capital plan
572	0.00	2299	Senior Construction Inspector/ Construction Inspector	T/C ²	Senior Construction Inspector/ Construction Inspector	REG	71	0.00							1.00 FTE affected; Support baseline growth in capital plan
575	0.00	2300	Associate Civil Engineer/ Associate Electrical Engineer/ Associate Mechanical Engineer	T/C ²	Associate Civil Engineer/ Associate Electrical Engineer/ Associate Mechanical Engineer	REG	76	0.00							1.00 FTE affected; Support baseline growth in capital plan
572	0.00	2301	Supervising Construction Inspector	T/C ²	Supervising Construction Inspector	REG	75	0.00							1.00 FTE affected; Support baseline growth in capital plan

EXHIBIT "B1"
FY2024
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2023)

Engineering and Construction Department (continued)

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
576	0.00	2304	Assistant Engineer/ Senior Construction Inspector/ Junior Engineer	T/C ²	Assistant Engineer/ Junior Engineer	REG	72	0.00						1.00 FTE affected; Support baseline growth in capital plan
577	0.00	2305	Assistant Engineer/ Senior Construction Inspector/ Junior Engineer	T/C ²	Assistant Engineer/ Junior Engineer	REG	72	0.00						1.00 FTE affected; Support baseline growth in capital plan
572	0.00	2308	Construction Inspector	T/C ²	Construction Inspector	REG	67	0.00						1.00 FTE affected; Support baseline growth in capital plan

Finance Department

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
230	1.00	TBD			Buyer I/II	REG	64	1.00						Support capital improvement program
202	1.00	TBD			Principal Management Analyst	REG	77					1.00		Grants writing

EXHIBIT "B1"
FY2024
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2023)

Human Resources Department

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
361	1.00	TBD			Information Systems Administrator II	REG	77			1.00				Product owner for new HRIS, including implementation
365	1.00	TBD			Human Resources Analyst I/II / Human Resources Technician	REG	69					1.00		Improve onboarding and communication
365	1.00	TBD			Senior Administrative Clerk, Confidential	L/T	55					1.00		Support peak workload and efficiency improvements
366	1.00	TBD			Human Resources Analyst I/II	L/T	69					1.00		Support peak workload and efficiency improvements
365	1.00	TBD			HRIS Analyst I	L/T	61					1.00		Support peak workload and efficiency improvements
365	(1.00)	4536	Principal Management Analyst	T/C			77					(1.00)		REG ISA position is better suited for long-term HRIS project

Information Systems Department

EXHIBIT "B1"
FY2024
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2023)

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
255	1.00	TBD			Management Analyst I/II	REG	69			1.00				Support cybersecurity
255	1.00	TBD			Senior Information Technology Engineer/ Information Technology Engineer I/II	REG	76	1.00						Support cybersecurity
251	1.00	TBD			Senior Software Engineer/ Software Engineer I/II	T/C	75	1.00						Support HRIS Implementation

Maintenance and Construction Department

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
746	6.00	TBD			Heavy Transport Operator	REG	58		6.00					Aging infrastructure and reduce FM&O and contracting out
720	4.00	TBD			Water Distribution Plumber I/II/III	REG	59		4.00					Aging infrastructure and reduce FM&O and contracting out
746	2.00	TBD			Heavy Equipment Operator	REG	61		2.00					Aging infrastructure and reduce FM&O and contracting out
746	4.00	TBD			Water Distribution Plumber I/II/III	REG	59		4.00					Aging infrastructure and reduce FM&O and contracting out

EXHIBIT "B1"
FY2024
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2023)

Maintenance and Construction Department (continued)

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
746	1.00	TBD			General Pipe Supervisor	REG	72			1.00				Aging infrastructure and reduce FM&O and contracting out
753	3.00	TBD			Water Distribution Plumber I/II/III	L/T	59		3.00					Replace meters with highest rates of underbilling
720	2.00	TBD			Water Distribution Plumber I/II/III	T/C	59		2.00					Aging infrastructure and reduce FM&O and contracting out
720	1.00	TBD			Water Distribution Crew Foreman	T/C	68		1.00					Aging infrastructure and reduce FM&O and contracting out
720	1.00	TBD			Heavy Equipment Operator	T/C	61		1.00					Aging infrastructure and reduce FM&O and contracting out
755	0.00	2269, 2275, 2277, 6118	Concrete Finisher I/II & Gardener I/II	L/T ² & REG	Concrete Finisher I/II	REG	58		0.00					4.00 FTE; Aging infrastructure and reduce FM&O and contracting out
747	0.00	2448, 2450	Paving Raker A & Janitor	L/T ² & REG	Paving Raker A	REG	56		0.00					2.00 FTE; Aging infrastructure and reduce FM&O and contracting out

EXHIBIT "B1"
FY2024
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2023)

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
116	1.00	TBD			Community Affairs Representative I/II	REG	69			1.00				Support outreach on expanded capital plan
116	1.00	TBD			Community Affairs Representative III	REG	73			1.00				Consolidate and increase education programs and outreach
144	1.00	TBD			Ranger/Naturalist I/II	L/T	58	1.00						Support workforce diversity
144	2.00	TBD			Engineering Aide	TEMP	46	2.00						Support workforce diversity
144	1.00	TBD			Student Intern	TEMP	46	1.00						Support workforce diversity
144	1.00	TBD			Information Technology Intern I/II	TEMP	53	1.00						Support workforce diversity
141	(1.00)	3703, 3704	Worker Trainee	TEMP			5						(1.00)	Replaced by Engineering Aides

Operations and Maintenance Support Department

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
792	1.00	TBD			Information Systems Support Analyst I/II	T/C	70	1.00						Support new assets in capital improvement program

EXHIBIT "B1"
FY2024
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2023)

Water Operations Department

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
735	1.00	TBD			Instrument Technician/ Instrument Worker I/II/III	REG	66		1.00					Meet increased need for instrument maintenance
762	1.00	TBD			Hydroelectric Power Plant Supervisor	REG	72			1.00				Improve support for operating staff at Pardee
777	1.00	TBD			Water System Inspector I/II	REG	62	1.00						Meet increased need for water quality monitoring
734	1.00	TBD			Construction & Maintenance Scheduler	T/C	70	1.00						Support peak scheduling workload during treatment plant improvements

Wastewater Department

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
911	2.00	TBD			Electrical Technician/ Electrical Worker I/II/III	REG	67		2.00					Aging infrastructure and reduce contracting out
911	1.00	TBD			Power Plant Mechanic/ Operator	REG	65		1.00					Support improved Operator coverage for power-generating facilities
926	1.00	TBD			Assistant Engineer/ Junior Engineer	REG	72	1.00						Improve capital program planning and asset management
927	1.00	TBD			Assistant Engineer/ Junior Engineer	REG	72	1.00						Support baseline growth in capital plan

EXHIBIT "B1"
FY2024
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2023)

Wastewater Department (continued)

ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	Representation Change ¹						Explanation	
								2019	444	21	39	MGR/CONF	NRP/EXMPT		
927	1.00	TBD			Senior Construction Inspector	REG	71	1.00							Support baseline growth in capital plan
928	1.00	TBD			Engineering Designer I/II	REG	67	1.00							Support baseline growth in capital plan
929	1.00	TBD			Associate Electrical Engineer	REG	77	1.00							Support baseline growth in capital plan
911	1.00	TBD			Facility Specialist II	REG	61		1.00						Aging infrastructure and reduce contracting out
942	1.00	TBD			Wastewater Control Inspector I/II	L/T	62	1.00							Support potential partnership on private sewer laterals
911	1.00	TBD			Painter	L/T	60		1.00						Aging infrastructure and reduce contracting out
927	3.00	TBD			Associate Civil Engineer	T/C	76	3.00							Construction management for CIP workload above baseline
902	0.50	TBD			Engineering Aide	TEMP	46	0.50							Support workforce diversity

District-wide Representation Change	2019	444	21	39	MGR/CONF	NRP/EXMPT
Total FY2024 Representation (NET FTE)	30.50	29.00	7.00	0.00	5.00	-1.00

Notes to Exhibit B:

1. "0.00" in the Representation Change column indicates no net change in FTE count.
2. Character type will be extended until transitioned to new character type.

EXHIBIT "B2"
FY2025
POSITION ADDITIONS/DELETIONS/CONVERSIONS/REALLOCATIONS/FLEX STAFFING
(July 1, 2024)

Engineering and Construction Department

								Representation Change ¹						
ORG	FTE Change	Position Number(s)	From Classification	From Character	To Classification	To Character	Salary Range	2019	444	21	39	MGR/CONF	NRP/EXMPT	Explanation
561	1.00	TBD			Engineering Designer I/II	REG	67	1.00						Support capital improvement program

District-wide Representation Change	2019	444	21	39	MGR/CONF	NRP/EXMPT
Total FY2025 Representation (NET FTE)	1.00	0.00	0.00	0.00	0.00	0.00

Notes to Exhibit B:

1. "0.00" in the Representation Change column indicates no net change in FTE count.
2. Character type will be extended until transitioned to new character type.

EXHIBIT "C"
FY2024
CLASSIFICATION PLAN CHANGES
(July 1, 2023)

CLASSIFICATION ADDITIONS

Class Code	Class Title	Monthly Salary Range	Rep. Unit	Explanation
TBD	Community Affairs Representative III	R73 \$11,674 - \$13,515	21	To provide oversight of long-range community affairs projects.

CLASSIFICATION DELETIONS

Class Code	Class Title	Monthly Salary Range	Rep. Unit	Explanation
2572	Assistant Superintendent, Water Treatment/Distribution	R76 \$12,575 - \$14,557	21	Redundant with Water Treatment Supervisor and Water Distribution Supervisor
2323	Supervising Systems Programmer	R83 \$14,940 - \$17,295	21	Redundant with Information Services Supervisor
4389	Supervising Wastewater Control Inspector	R73 \$11,674 - \$13,515	21	Redundant with Supervising Wastewater Control Representative

OTHER CLASSIFICATION ACTIONS

Class Code	Class Title	Monthly Salary Range	Rep. Unit	Explanation
1517	Controller	R85 \$13,977 - \$21,199	NA	Decrease salary from Grade 87 to Grade 85
5230	Internal Auditor Supervisor	R80 \$12,356 - \$18,741	MGR	Increase salary from Grade 77 to Grade 80

Title:	File Report and Recommendation of the General Manager to Transfer Unpaid Liens for Delinquent Charges to Alameda and Contra Costa Counties' 2023 – 2024 Property Tax Roll	Meeting Date:	June 13, 2023
--------	---	---------------	---------------

SUSTAINABILITY

Economic

The District expects to recover approximately 85 to 90 percent (\$1,164,279 to \$1,232,766) of the unpaid MFR delinquent charges in Fiscal Year 2024 after transferring them to the counties' 2023-2024 property tax rolls. This program supports fiscal responsibility and benefits the District and its ratepayers by recovering unpaid delinquent customer charges. The delinquent charges will be paid by the property owner through property taxes or when the property is sold.

Social

The lien process is an effective alternative to terminating water service to tenants at MFR accounts when the customer of record fails to pay delinquent charges.

ALTERNATIVES

Do not transfer the unpaid delinquent charges to the 2023-2024 property tax rolls. This alternative is not recommended because the District would not recover a substantial amount of revenue owed for services provided.

Do not use the lien process and terminate water service to MFR accounts when the customer of record fails to pay delinquent charges. This alternative is not recommended because it would impact MFR tenants.


I:\Sec\2023 Board Related Items\061323 Board Agenda Items\CCS - Report and Recom of the GM to Transfer Unpaid Lien for Delinq. Chgs to Alameda and Contra Costa Counties 23-24 Property Tax.docx

***File Report and Recommendation of the General
Manager to Transfer Unpaid Liens for Delinquent
Charges to Alameda and Contra Costa Counties'
2023-2024 Property Tax Rolls***

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: June 13, 2023

MEMO TO: Board of Directors

FROM: Clifford C. Chan, General Manager 

SUBJECT: File Report and Recommendation of the General Manager to Transfer Unpaid Liens for Delinquent Charges to Alameda and Contra Costa Counties' 2023-2024 Property Tax Rolls

The District has the authority under the Municipal Utility District Act Section 12811.1 to file liens for, and to transfer unpaid delinquent charges of \$100 or more to the parcel owner's property tax bill. The use of this authority allows the District to avoid terminating services provided to tenants of multi-family residential (MFR) properties where the customer of record has failed to pay their EBMUD bill. In place of terminating service for delinquent MFR properties, the District collects MFR delinquent charges after filing liens and transfers any unpaid delinquent charges to property tax rolls once a year.

Staff is recommending the transfer of \$1,295,488.74 in delinquent charges to the 2023-2024 property tax rolls of Alameda County and \$74,251.28 to the 2023-2024 property tax rolls of Contra Costa County. The Alameda County report (Attachment 1) identifies 397 affected parcels of property and unpaid charges to be transferred to the property tax rolls. The Contra Costa County report (Attachment 2) identifies 37 affected parcels of property and unpaid charges to be transferred to the property tax roll. The reports list each affected property by Assessor's Parcel Number (APN) and the amount of unpaid delinquent charges recommended for transfer to the owner's property tax bill. The total unpaid delinquent charges include processing fees for lien and property tax bill collection under District Rate Schedule C, Section D.

A public hearing on the recommendation contained in these reports is scheduled on July 11, 2023 for the Board to receive any objections or protests to the reports. The Board is also scheduled to consider adoption of the reports at its July 11, 2023 meeting.

The District will submit an electronic version of the reports to Alameda and Contra Costa counties by August 10, 2023. The electronic files will exclude any parcels with delinquent charges that were paid to the District on or before August 10, 2023, and other exclusions determined by the Board at the public hearing scheduled on July 11, 2023.

Attachments: 1. Delinquent Charges for Transfer to Alameda County 2023-2024 Property Tax Roll
2. Delinquent Charges for Transfer to Contra Costa County 2023-2024 Property Tax Roll

CCC:ALL:dlb

**Delinquent EBMUD Charges for Transfer to the Alameda
County 2023-2024 Property Tax Roll**

		APN Number				Legend Number	Tax Amount
00	055	1891	005		00	897	\$1,036.74
00	004	0091	025		00	897	\$1,472.48
00	022	0315	014		00	897	\$3,210.82
00	039	3291	011		00	897	\$3,614.81
00	035	2362	021		00	897	\$3,727.23
00	032	2102	001		00	897	\$2,083.08
00	016	1437	018		00	897	\$1,444.36
00	005	0378	009		00	897	\$911.79
00	005	0382	003		00	897	\$3,029.08
00	052	1522	023		00	897	\$3,265.40
00	016	1436	017	02	00	897	\$4,756.09
00	003	0077	035	02	00	897	\$311.73
00	010	0784	009		00	897	\$931.04
00	071	0214	041		00	897	\$1,861.03
00	071	0214	040		00	897	\$1,722.40
00	071	0240	028		00	897	\$671.96
00	046	5477	024	14	00	897	\$6,246.87
00	016	1526	011		00	897	\$1,223.67
00	012	0968	027		00	897	\$4,424.67
00	013	1094	009		00	897	\$2,956.03
00	013	1165	021		00	897	\$700.00
00	013	1164	006		00	897	\$3,466.56
00	012	0973	034		00	897	\$2,568.92
00	052	1548	013		00	897	\$3,324.61
00	036	2413	024		00	897	\$4,436.84
00	032	2053	002		00	897	\$1,563.85
00	013	1166	031		00	897	\$605.98
00	049	1175	011		00	897	\$435.69
00	015	1301	011		00	897	\$315.12
00	049	1331	016		00	897	\$1,137.61
00	036	2420	003	02	00	897	\$5,878.82
00	016	1515	008		00	897	\$3,679.19
00	015	1353	022	02	00	897	\$2,351.51
00	015	1352	024		00	897	\$2,392.05
00	050	4558	007		00	897	\$514.07
00	052	1546	009		00	897	\$2,156.09
00	015	1277	021	01	00	897	\$868.11
00	015	1277	019	01	00	897	\$1,195.40
00	015	1277	124	01	00	897	\$3,311.90
00	015	1281	003		00	897	\$2,564.78
00	015	1361	015		00	897	\$3,100.40
00	057	2094	009		00	897	\$1,938.53
00	059	2326	005		00	897	\$3,668.47
00	056	1974	025		00	897	\$2,062.00

**Delinquent EBMUD Charges for Transfer to the Alameda
County 2023-2024 Property Tax Roll**

00	072	0315	003	00	897	\$2,652.89
00	072	0313	008	00	897	\$4,140.26
00	072	0343	006	00	897	\$658.62
00	041	4135	006	01	00	\$450.34
00	041	4135	045	00	897	\$2,401.29
00	058	2187	001	00	897	\$1,102.24
00	020	0189	011	01	00	\$4,875.48
00	020	0188	011	00	897	\$2,115.84
00	020	0187	005	00	897	\$5,268.54
00	020	0215	014	00	897	\$1,173.10
00	020	0178	011	00	897	\$5,272.61
00	022	0356	003	01	00	\$2,205.62
00	053	1672	005	01	00	\$31,060.16
00	019	0031	003	00	897	\$2,290.08
00	019	0031	005	00	897	\$3,277.92
00	019	0031	006	00	897	\$2,156.87
00	019	0031	007	00	897	\$1,298.31
00	019	0019	014	00	897	\$1,782.24
00	020	0131	013	00	897	\$1,325.62
00	020	0166	004	00	897	\$3,264.85
00	020	0149	005	00	897	\$2,049.12
00	021	0290	038	00	897	\$2,576.25
00	022	0330	013	00	897	\$2,228.37
00	026	0788	012	00	897	\$789.00
00	022	0329	012	09	00	\$16,156.69
00	022	0326	036	00	897	\$2,589.93
00	026	0789	005	00	897	\$2,570.66
00	041	4203	030	00	897	\$2,412.90
00	059	2335	013	00	897	\$4,599.11
00	072	0321	011	00	897	\$6,634.65
00	022	0296	002	00	897	\$1,463.34
00	046	5480	003	02	00	\$3,006.11
00	037	A 2743	008	04	00	\$1,505.69
00	042	4278	014	00	897	\$1,180.71
00	071	0277	010	00	897	\$1,017.71
00	043	4557	016	00	897	\$2,515.76
00	040	3374	013	01	00	\$1,721.47
00	040	3374	013	02	00	\$3,509.19
00	009	0724	026	00	897	\$2,274.87
00	036	2413	008	01	00	\$2,758.56
00	045	5246	003	01	00	\$3,177.72
00	035	2364	010	01	00	\$1,696.13
00	035	2387	009	00	897	\$1,380.81
00	035	2387	010	00	897	\$1,506.09
00	043	4607	009	00	897	\$1,450.44

**Delinquent EBMUD Charges for Transfer to the Alameda
County 2023-2024 Property Tax**

00	044	4975	016	00	897	\$2,817.40
00	045	5193	010	00	897	\$2,534.06
00	047	5570	007	00	897	\$3,682.75
00	047	5516	014	00	897	\$4,967.16
00	039	3308	015	00	897	\$1,929.08
00	006	0033	011	00	897	\$1,532.18
00	038	3227	004	00	897	\$2,381.93
00	040	3389	005	00	897	\$1,430.06
00	428	0041	078	00	897	\$1,515.49
00	414	0026	017	00	897	\$697.98
00	040	3384	027	00	897	\$1,518.82
00	033	2136	024	00	897	\$1,617.51
00	033	2132	045	00	897	\$2,376.38
00	033	2124	010	00	897	\$2,324.96
00	026	0750	025	00	897	\$893.86
00	077	C 1314	062	00	897	\$485.56
00	032	2030	095	00	897	\$2,298.03
00	037	2552	026	00	897	\$3,792.81
00	027	0863	031	02 00	897	\$1,106.06
00	028	0916	037	00	897	\$2,350.16
00	027	0888	001	00	897	\$2,655.27
00	029	A 1304	017	00	897	\$1,016.54
00	029	A 1302	005	00	897	\$3,150.62
00	029	A 1301	016	01 00	897	\$3,274.50
00	036	2438	055	00	897	\$3,912.90
00	426	0160	089	00	897	\$4,373.71
00	036	2426	038	00	897	\$3,251.22
00	414	0086	094	00	897	\$3,105.12
00	036	2503	098	00	897	\$2,911.86
00	016	1428	007	00	897	\$4,394.93
00	037	A 2770	003	00	897	\$2,716.69
00	035	2367	007	00	897	\$1,227.49
00	429	0077	031	03 00	897	\$1,088.00
00	004	0091	002	00	897	\$1,968.71
00	004	0087	017	00	897	\$3,019.18
00	004	0063	030	00	897	\$821.73
00	053	1608	016	00	897	\$2,159.68
00	005	0409	026	00	897	\$2,001.69
00	005	0452	016	00	897	\$4,782.07
00	005	0452	008	00	897	\$1,856.27
00	003	0007	009	00	897	\$2,271.48
00	008	0678	014	00	897	\$1,557.47
00	008	0677	007	00	897	\$2,120.33
00	005	0405	003	00	897	\$1,438.59
00	009	0726	011	04 00	897	\$2,039.73

**Delinquent EBMUD Charges for Transfer to the Alameda
County 2023-2024 Property Tax Roll**

00	009	0698	027	00	897	\$301.88	
00	057	2090	006	00	897	\$447.83	
00	009	0738	027	00	897	\$3,111.30	
00	009	0715	050	00	897	\$1,851.07	
00	006	0009	011	00	897	\$3,350.68	
00	010	0794	037	00	897	\$2,282.51	
00	010	0793	010	00	897	\$1,694.30	
00	009	0709	014	01	00	897	\$1,741.53
00	009	0709	015	00	897	\$1,955.72	
00	012	0958	013	00	897	\$4,026.69	
00	012	0947	002	00	897	\$1,440.19	
00	005	0471	033	00	897	\$814.67	
00	012	0949	031	00	897	\$1,992.96	
00	014	1213	007	00	897	\$4,659.32	
00	054	1790	022	00	897	\$991.31	
00	075	0024	006	00	897	\$7,321.85	
00	036	2503	094	00	897	\$1,138.08	
00	030	1982	112	00	897	\$854.74	
00	015	1361	002	06	00	897	\$37,719.11
00	084	C 0724	072	02	00	897	\$766.17
00	040	A 3443	029		00	897	\$3,312.01
00	055	1905	009		00	897	\$1,855.07
00	045	5320	024	02	00	897	\$1,221.36
00	048	C 7191	004	02	00	897	\$3,356.35
00	054	1812	019		00	897	\$1,778.46
00	054	1813	018		00	897	\$2,022.77
00	022	0332	007		00	897	\$6,297.40
00	022	0344	031		00	897	\$2,155.11
00	022	0318	008	09	00	897	\$656.63
00	023	0390	024		00	897	\$2,024.16
00	021	0286	025		00	897	\$3,143.35
00	021	0287	002		00	897	\$1,644.24
00	025	0671	006		00	897	\$20,664.26
00	019	0080	023		00	897	\$1,478.38
00	019	0083	017		00	897	\$2,303.21
00	426	0070	029	01	00	897	\$555.06
00	84C	C 0724	069		00	897	\$4,080.80
00	057	2073	017		00	897	\$20,603.61
00	045	5191	016	01	00	897	\$1,507.70
00	020	0204	043		00	897	\$2,378.32
00	007	0596	014		00	897	\$1,213.27
00	041	3895	039		00	897	\$993.02
00	046	5478	018	03	00	897	\$912.73
00	043	4551	004		00	897	\$1,119.00
00	027	0857	004		00	897	\$2,754.46

**Delinquent EBMUD Charges for Transfer to the Alameda
County 2023-2024 Property Tax Roll**

00	046	5462	034		00	897	\$12,860.16
00	052	1532	002	01	00	897	\$3,438.14
00	010	0795	038		00	897	\$2,301.24
00	038	3213	001		00	897	\$1,235.90
00	027	0877	002	02	00	897	\$1,722.06
00	044	5010	015	01	00	897	\$3,753.31
00	027	0872	005	06	00	897	\$1,229.31
00	027	0896	012	01	00	897	\$2,580.51
00	032	2110	001	02	00	897	\$6,513.12
00	032	2110	012	01	00	897	\$1,718.16
00	032	2107	010		00	897	\$2,175.37
00	032	2058	023		00	897	\$626.05
00	029	0993	006	04	00	897	\$2,152.94
00	029	0993	027		00	897	\$510.55
00	028	0959	011	04	00	897	\$868.50
00	032	2047	032		00	897	\$1,782.29
00	022	0329	013	08	00	897	\$1,882.94
00	053	1592	014		00	897	\$2,050.07
00	048	5626	020	07	00	897	\$4,179.30
00	005	0429	011		00	897	\$1,937.06
00	003	0007	026		00	897	\$1,790.09
00	013	1160	043		00	897	\$4,133.69
00	040	3390	007		00	897	\$3,549.52
00	005	0387	018		00	897	\$629.60
00	005	0477	027		00	897	\$2,871.31
00	021	0290	031		00	897	\$1,562.65
00	009	0714	015		00	897	\$1,331.97
00	032	2047	018	02	00	897	\$3,012.50
00	014	1275	011	02	00	897	\$1,022.80
00	021	0245	002		00	897	\$978.09
00	005	0386	011		00	897	\$2,192.76
00	020	0159	010		00	897	\$4,923.23
00	004	0083	010		00	897	\$1,619.21
00	022	0357	024		00	897	\$2,815.75
00	008	0663	006		00	897	\$35,126.75
00	429	0010	061		00	897	\$3,232.40
00	009	0738	020		00	897	\$1,656.56
00	039	3259	020		00	897	\$1,782.76
00	009	0726	030		00	897	\$3,339.74
00	006	0009	021		00	897	\$1,579.09
00	004	0015	009		00	897	\$433.92
00	042	4249	031		00	897	\$2,248.24
00	044	5012	001	01	00	897	\$6,367.89
00	045	5195	003		00	897	\$859.37
00	057	2081	025		00	897	\$268.47

**Delinquent EBMUD Charges for Transfer to the Alameda
County 2023-2024 Property Tax Roll**

00	038	3240	036	05	00	897	\$3,102.03
00	010	0831	019		00	897	\$1,786.29
00	014	1203	003		00	897	\$858.99
00	039	3252	031	01	00	897	\$2,800.46
00	044	4972	020		00	897	\$524.93
00	029	1200	004		00	897	\$1,939.49
00	040	A 3411	038		00	897	\$2,662.77
00	021	0232	008		00	897	\$7,930.79
00	015	1347	030		00	897	\$2,098.05
00	009	0739	032		00	897	\$1,589.60
00	015	1377	039		00	897	\$1,246.96
00	414	0041	024		00	897	\$523.13
00	005	0465	027		00	897	\$1,844.04
00	001	0189	012		00	897	\$1,662.79
00	012	0948	016	02	00	897	\$1,436.05
00	052	1573	067	01	00	897	\$7,677.20
00	005	0410	013	02	00	897	\$6,521.92
00	015	1358	010		00	897	\$425.13
00	005	0384	022		00	897	\$2,619.08
00	047	5582	026		00	897	\$5,409.19
00	012	0964	003		00	897	\$3,603.53
00	053	1619	025		00	897	\$2,000.00
00	009	0717	012		00	897	\$1,489.96
00	020	0186	015		00	897	\$1,631.19
00	040	3374	019		00	897	\$5,428.83
00	020	0186	014		00	897	\$2,948.51
00	040	3385	036		00	897	\$917.55
00	046	5441	023		00	897	\$2,642.22
00	056	1929	029		00	897	\$1,206.86
00	013	1156	003	01	00	897	\$3,634.94
00	041	3887	046		00	897	\$1,140.36
00	015	1368	010		00	897	\$1,669.55
00	026	0768	012		00	897	\$1,984.16
00	015	1361	018		00	897	\$2,735.67
00	016	1454	013	02	00	897	\$5,774.21
00	037	A 2770	002		00	897	\$3,980.73
00	053	1601	016		00	897	\$532.15
00	020	0149	016		00	897	\$2,427.44
00	012	0996	024		00	897	\$2,856.34
00	004	0033	022		00	897	\$3,199.17
00	005	0378	010		00	897	\$3,291.10
00	005	0380	008	01	00	897	\$5,750.37
00	005	0381	009		00	897	\$4,895.35
00	005	0382	008		00	897	\$9,693.99
00	032	2079	022		00	897	\$5,716.38

**Delinquent EBMUD Charges for Transfer to the Alameda
County 2023-2024 Property Tax Roll**

00	052	1538	009	00	897	\$2,816.29	
00	075	0104	016	00	897	\$1,631.34	
00	013	1184	009	00	897	\$2,503.77	
00	003	0047	022	03	00	897	\$3,777.98
00	071	0235	007	00	897	\$5,513.68	
00	012	0955	057	00	897	\$5,374.17	
00	049	1174	002	00	897	\$2,484.26	
00	012	0970	013	00	897	\$6,554.21	
00	003	0041	004	00	897	\$3,881.85	
00	071	0245	006	00	897	\$2,513.27	
00	077	A 0639	009	00	897	\$4,958.71	
00	014	1193	014	00	897	\$3,286.69	
00	049	1177	006	05	00	897	\$3,288.58
00	015	1300	018	00	897	\$5,322.99	
00	015	1300	003	01	00	897	\$2,633.60
00	015	1301	015	03	00	897	\$2,384.97
00	053	1612	024	00	897	\$3,447.27	
00	038	3186	014	02	00	897	\$2,018.29
00	042	4266	004	01	00	897	\$5,568.33
00	042	4260	016	00	897	\$6,912.63	
00	044	5012	004	00	897	\$6,602.15	
00	044	4973	016	00	897	\$1,650.90	
00	047	5583	014	01	00	897	\$6,202.39
00	038	3236	025	00	897	\$7,216.74	
00	038	3231	002	00	897	\$1,542.66	
00	038	3233	034	00	897	\$2,793.36	
00	040	A 3422	036	00	897	\$4,315.06	
00	030	1980	091	00	897	\$2,788.54	
00	037	A 2751	025	00	897	\$5,299.25	
00	038	3196	011	00	897	\$1,871.99	
00	005	0377	012	00	897	\$4,340.93	
00	052	1521	019	00	897	\$2,861.67	
00	432	0008	006	00	897	\$7,267.77	
00	052	1580	007	00	897	\$2,370.85	
00	005	0463	003	02	00	897	\$3,664.20
00	014	1196	024	00	897	\$3,949.99	
00	012	0944	042	00	897	\$6,453.93	
00	052	1540	020	01	00	897	\$4,622.59
00	022	0318	008	03	00	897	\$3,542.96
00	021	0264	001	00	897	\$5,144.24	
00	023	0419	008	00	897	\$4,613.50	
00	003	0031	005	00	897	\$4,770.86	
00	021	0251	005	00	897	\$2,296.47	
00	020	0204	014	00	897	\$2,866.54	
00	025	0733	014	01	00	897	\$6,254.46

**Delinquent EBMUD Charges for Transfer to the Alameda
County 2023-2024 Property Tax Roll**

00	025	0724	006		00	897	\$2,755.54
00	033	2178	011		00	897	\$2,855.71
00	047	5498	009	13	00	897	\$2,707.92
00	043	4553	004		00	897	\$5,799.47
00	039	3312	016	01	00	897	\$4,044.88
00	039	3245	056	02	00	897	\$4,834.79
00	027	0877	024		00	897	\$15,271.43
00	080	0035	098		00	897	\$1,378.94
00	061	2551	023		00	897	\$2,596.73
00	080	0069	056		00	897	\$3,978.55
00	037	A 2737	013		00	897	\$5,210.28
00	052	1584	035		00	897	\$4,267.91
00	063	2959	054		00	897	\$1,016.37
00	038	3184	010		00	897	\$1,346.73
00	048	5661	026		00	897	\$3,563.47
00	005	0380	020		00	897	\$7,429.94
00	043	A 4639	032	03	00	897	\$2,474.87
00	041	4052	029	01	00	897	\$4,165.09
00	058	2142	017		00	897	\$2,649.27
00	043	4609	016		00	897	\$4,617.45
00	013	1188	035		00	897	\$2,620.16
00	023	0433	012		00	897	\$4,413.83
00	012	0970	016		00	897	\$1,635.05
00	012	0984	004		00	897	\$4,994.66
00	016	1387	015		00	897	\$2,389.14
00	045	5200	009	02	00	897	\$3,427.68
00	005	0379	005		00	897	\$3,603.51
00	075	0182	008	06	00	897	\$5,202.34
00	040	A 3427	029	01	00	897	\$2,645.01
00	003	0079	043		00	897	\$3,771.82
00	013	1170	004		00	897	\$4,076.80
00	005	0409	001		00	897	\$2,725.79
00	057	2088	012		00	897	\$15,019.69
00	077	E 1569	016	03	00	897	\$8,042.96
00	45	5208	004		00	897	\$1,392.56
00	008	0647	022		00	897	\$2,492.99
00	039	3263	028		00	897	\$1,577.25
00	052	1538	030		00	897	\$880.20
00	84	C 1053	013		00	897	\$1,852.81
00	071	0244	015		00	897	\$2,044.16
00	047	5574	011	06	00	897	\$5,360.92
00	022	0327	009		00	897	\$5,668.49
00	032	2064	013		00	897	\$2,914.85
00	028	0901	020		00	897	\$1,047.92
00	044	4967	010	02	00	897	\$1,758.10

**Delinquent EBMUD Charges for Transfer to the Alameda
County 2023-2024 Property Tax Roll**

00	046	5430	004		00	897	\$5,324.62
00	035	2358	035	03	00	897	\$2,776.50
00	033	2122	015		00	897	\$3,411.51
00	028	0906	020		00	897	\$708.93
00	426	0160	089		00	897	\$2,138.48
00	016	1432	005		00	897	\$1,288.02
00	40	A 3427	029	02	00	897	\$2,632.38
00	039	3275	019	06	00	897	\$683.18
00	030	1968	005		00	897	\$662.45
00	005	0453	010		00	897	\$2,409.98
00	005	0466	010	01	00	897	\$420.06
00	042	4247	067		00	897	\$1,972.19
00	035	2392	025		00	897	\$1,273.07
00	020	0204	043		00	897	\$4,069.92
00	034	2253	005		00	897	\$12,768.49
00	027	0857	004		00	897	\$2,353.61
00	039	3304	016		00	897	\$1,671.54
00	038	3220	019		00	897	\$550.55
01	005	0477	017		00	897	\$2,022.16
01	005	0372	010		00	897	\$1,931.40
00	028	0932	023		00	897	\$1,886.59
00	046	5457	023		00	897	\$1,826.21
00	041	3883	001		00	897	\$1,194.55
00	042	4269	001		00	897	\$1,556.12
00	034	2274	005		00	897	\$486.92
00	040	3319	082		00	897	\$942.09
00	022	0327	056		00	897	\$1,174.28
00	044	5012	001	01	00	897	\$4,197.20
00	038	3210	023		00	897	\$28,472.33
00	044	4978	015		00	897	\$1,943.55
00	046	5461	001		00	897	\$3,070.69
00	043	4589	024	01	00	897	\$4,734.14
00	043	4552	001		00	897	\$2,887.80
00	43	A 4639	021	01	00	897	\$14,096.55
00	032	2077	016	01	00	897	\$5,125.38
00	046	5479	018		00	897	\$3,081.34
00	033	2136	007		00	897	\$728.46
00	033	2136	007		00	897	\$1,117.20
							\$1,295,488.74

**Delinquent EBMUD Charges for Transfer to the Contra Costa County
2023-2024 Property Tax Roll**

	Parcel Number	Levy Code	Fund	Revenue	Levy Amount
A	171170032	AD	4001	9895	\$766.79
A	354042024	AD	4001	9895	\$655.29
A	409240002	AD	4001	9895	\$807.10
A	409291018	AD	4001	9895	\$1,197.03
A	410080016	AD	4001	9895	\$757.11
A	410080016	AD	4001	9895	\$1,295.62
A	413012033	AD	4001	9895	\$569.28
A	435061009	AD	4001	9895	\$5,030.41
A	435061010	AD	4001	9895	\$5,170.61
A	503246013	AD	4001	9895	\$4,142.64
A	504151027	AD	4001	9895	\$786.40
A	509360034	AD	4001	9895	\$476.71
A	514120025	AD	4001	9895	\$1,123.67
A	514130011	AD	4001	9895	\$1,354.84
A	514220018	AD	4001	9895	\$2,124.60
A	529130032	AD	4001	9895	\$1,416.33
A	534022024	AD	4001	9895	\$950.48
A	534171004	AD	4001	9895	\$505.11
A	538050030	AD	4001	9895	\$679.75
A	538300025	AD	4001	9895	\$719.67
A	540260030	AD	4001	9895	\$1,330.12
A	540350029	AD	4001	9895	\$1,695.90
A	540380022	AD	4001	9895	\$1,351.19
A	540380023	AD	4001	9895	\$1,829.03
A	544091004	AD	4001	9895	\$1,959.33
A	544161011	AD	4001	9895	\$8,212.85
A	544322021	AD	4001	9895	\$5,911.04
A	550151029	AD	4001	9895	\$3,428.21
A	550242006	AD	4001	9895	\$1,182.20
A	550331002	AD	4001	9895	\$454.54
A	5403400087	AD	4001	9895	\$1,349.89
A	514110010	AD	4001	9895	\$994.98
A	529230027	AD	4001	9895	\$5,183.97
A	435035035	AD	4001	9895	\$2,257.03
A	413330024	AD	4001	9895	\$1,938.26
A	534081029	AD	4001	9895	\$962.77
A	538350040	AD	4001	9895	\$3,680.53
					\$74,251.28

Title:	Wildcat Pumping Plant Project – Final Mitigated Negative Declaration Adoption and Project Approval	Meeting Date:	June 13, 2023
--------	--	---------------	---------------

Environmental Review Process/Public Outreach

A community meeting was held in January 2021 to review the architectural and landscape design alternatives and receive public feedback. Postcards about the community meeting were sent to affected residents near the Project site and posted on Nextdoor and the City’s and EBMUD’s websites. Outreach meetings were also held with the adjacent neighbors in October 2020, City staff in February 2021, and the Indian Canyon Mutsun Band of Costanoan in May 2021 to present the conceptual site and landscape plans, discuss the potential environmental factors to be addressed in the Draft MND, and receive community feedback. Issues and concerns raised by City staff and the community at these meetings included aesthetics, noise, and cultural resources, which are addressed in the Final MND.

During the public review period of the Draft MND, a CEQA-required public meeting was held on January 26, 2023 to review the results of the Draft MND. Postcards and notices were mailed to notify agencies, businesses, and residents of the release of the Draft MND and the public meeting date was posted on Nextdoor and the City’s and District’s websites. Staff also met with the property manager of the adjacent apartment complex and principal of the adjacent Walter T. Helms Middle School on January 12, 2023 notifying them of the release of the Draft MND and public meeting; both were aware of the project and public meeting and raised questions on how the project would affect parking to which staff provided a response. In addition, staff hand delivered postcards to each unit of the apartment complex and provided both English and Spanish versions of the postcard to the school principal to be sent out as part of the school newsletter. Two people attended the public meeting. Attendees had one question on cultural resources and staff provided a response.

One comment letter containing approximately eight individual comments was submitted by the Contra Costa County Flood Control & Water Conservation District during the MND public review period. Key comments focused on hydrology and hydraulics, permitting, and stormwater management. The comment letter in its entirety, responses to the comments, and text edits to be added to the MND are all included in Appendix C, “Response to Comments,” of the Final MND. The responses to comments and text edits to the MND do not identify new significant impacts, but merely clarify information already presented in the MND.

Draft MND Analysis and Mitigation Measures

The MND determined Project-related construction could potentially generate environmental impacts to cultural resources, transportation, and tribal cultural resources. Mitigation measures incorporated into the Project that would reduce impacts to less than significant levels include:

- Construction of the off-site storm drain pipeline along Road 20 shall be phased such that at least one crosswalk on Road 20 at Abella Circle adjacent to Walter T. Helms Middle School is accessible at any given time.
- Coordination with the City during the closure of the Road 20-El Portal Drive to provide adequate space for transit vehicles traveling eastbound on Road 20 to turn right onto El Portal Drive and for transit vehicles traveling northbound on El Portal Drive to turn left onto Road 20. The District will also coordinate with AC Transit to temporarily

Title:	Wildcat Pumping Plant Project – Final Mitigated Negative Declaration Adoption and Project Approval	Meeting Date:	June 13, 2023
--------	--	---------------	---------------

reroute eastbound Line 76 during the closure of the connector between Road 20 and El Portal Drive.

- Coordination with AC Transit and the City to temporarily relocate the eastbound bus stop on the east side of the Road 20/Abella Circle intersection as needed while construction occurs on the roadway segment that includes the existing bus stop.
- Coordination with Walter T. Helms Middle School to restrict construction truck traffic (e.g., material delivery and haul trucks) during the 30 minutes immediately preceding and following the morning and afternoon bell times when school is in regular session, as well as around other major events (e.g., sporting events, parent-teacher conferences) that would bring a substantial number of people to campus.
- During ground-disturbing phases (e.g., initial excavation and grading, suction and discharge pipeline construction, on-site drainage construction, and Road 20 storm drain pipeline installation), a Native American monitor and qualified archaeologist shall visit the site two times per week to inspect unexcavated sediments and soils (i.e., intact soils along trench walls and excavations) for any sign of potential archaeological deposits.

The District will also incorporate a number of its standard construction specifications, District Procedures, Design Guides, and Engineering Standard Practices into the Project. These standard practices and procedures are designed to address typical characteristics of District construction projects and reflect generally applicable District standard operating procedures.

Public Notice

A Notice of Availability (NOA) of the Final MND was mailed on June 1, 2023 to responsible or trustee agencies and posted on the first floor of the District’s Administration Building and with the Office of Planning and Research State Clearinghouse. Copies of the Final MND were made available at EBMUD’s Administrative Offices in Oakland and posted on the District’s website. Notice of the Board meeting was also included in the NOA for the Final MND.

Project Schedule

Design of the Project will begin in late 2023 followed by construction in 2026.

SUSTAINABILITY

Economic

The estimated cost for the Project is \$27 million. Funding for the planning phase is available in the FY 2023 adopted capital budget for the West of Hills Master Plan Project. Funding for the design and construction is proposed in the FY2024/2025 capital budget.

Social

The District conducted outreach meetings to local agencies and the community while preparing the MND to discuss the Project and solicit input. As part of the Project, the District will implement mitigation measures to reduce disruptions to residents. These mitigation measures address community concerns and include coordination with local agencies regarding construction traffic that affect the school and local bus routes and an archeologist and tribal cultural monitor to inspect unexcavated sediments and soils for any sign of potential

Title:	Wildcat Pumping Plant Project – Final Mitigated Negative Declaration Adoption and Project Approval	Meeting Date:	June 13, 2023
--------	--	---------------	---------------

archaeological deposits. The District’s website features a Project page with information including the proposed schedule and Project-related documents. This page will be updated throughout construction.

Environmental

The MND identified and evaluated the potential environmental effects of the Project and included mitigation measures to lessen or eliminate adverse impacts to the environment. Environmental impacts are considered less than significant once mitigation measures are implemented.

ALTERNATIVES

Do not adopt the Final MND or approve the Project. This alternative is not recommended because the Final MND meets all CEQA requirements.

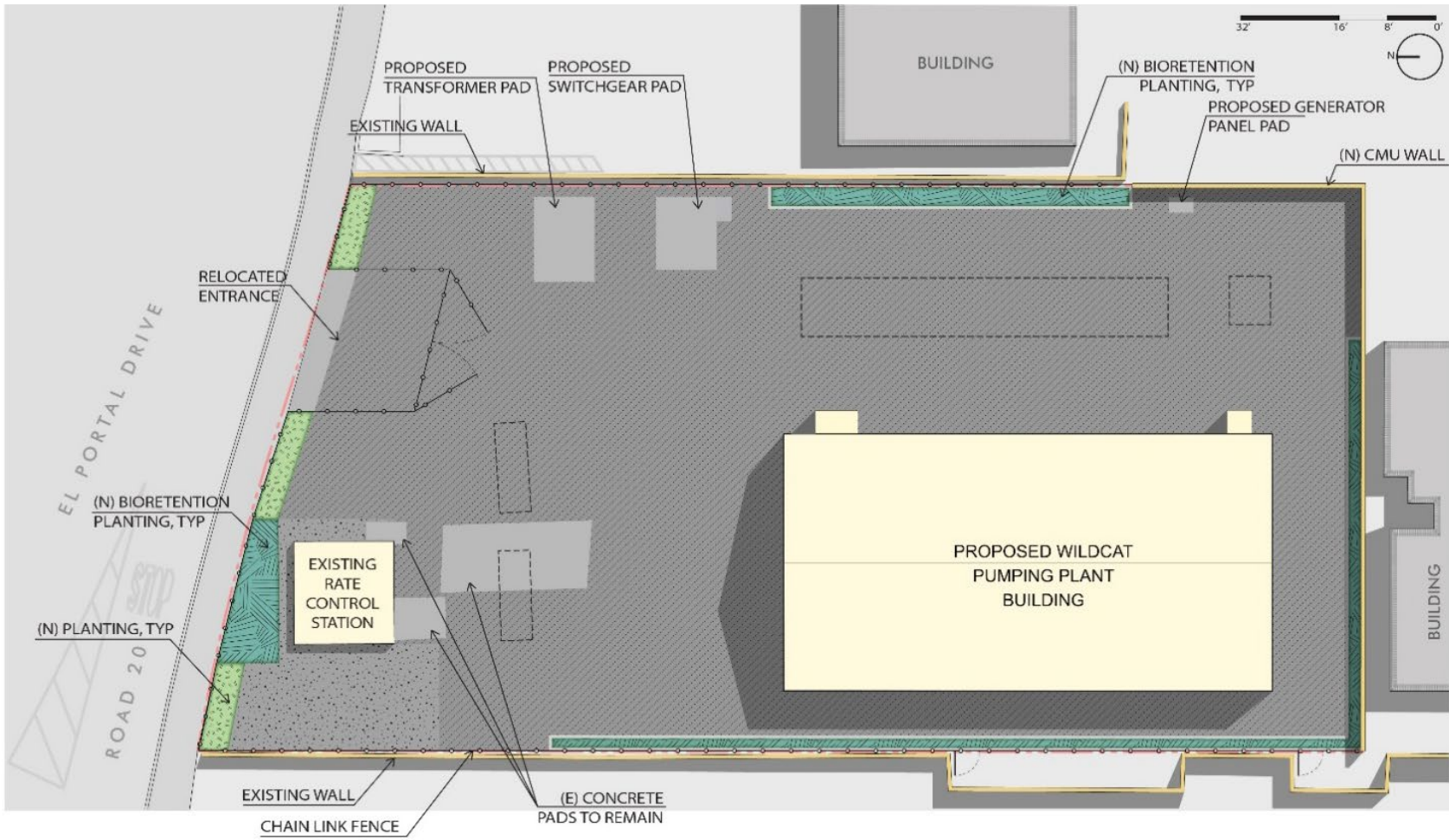
Do not proceed with the Project. This alternative is not recommended because this alternative does not satisfy the Project objectives.

I:\SEC\2023 Board Related Items\061323 Board Agenda Items\ECD – Wildcat PP FMND Approve Project.docx

Attachment 1: Site Location Map



Attachment 2: Site Plan



LEGEND

CONCRETE PAVING	ASPHALT PAVING	GRAVEL PAVING	BIORETENTION PLANTING	PLANTING STRIP	TEMPORARY EQUIPMENT STAGING AREAS



RESOLUTION NO. _____

ADOPTING THE MITIGATED NEGATIVE DECLARATION FOR THE WILDCAT PUMPING PLANT PROJECT, MAKING FINDINGS, ADOPTING THE MITIGATION MONITORING AND REPORTING PLAN AND PRACTICES AND PROCEDURES MONITORING AND REPORTING PLAN, AND APPROVING THE PROJECT

Introduced by Director

; Seconded by Director

WHEREAS, the East Bay Municipal Utility District (EBMUD) Road 20 Portable Pumping Plant is a 10 million gallon per day (MGD) pumping plant (PP) commissioned in 2004; and

WHEREAS, the San Pablo Water Treatment Plant (WTP), constructed in 1921, is a 21 MGD standby facility; and

WHEREAS, the Road 20 Portable PP and the San Pablo WTP have historically been used to support outages of the Claremont Tunnel, Orinda WTP, and Wildcat Aqueduct, and to treat and distribute water supplies delivered through the Freeport Regional Water Authority Intake Facility during droughts; and

WHEREAS, the Road 20 Portable PP is a temporary facility that does not have the capacity to meet future demands and the San Pablo WTP is an aging facility that has not been regularly maintained or improved to meet changing regulations and is planned for decommissioning; and

WHEREAS, to remedy these deficiencies and increase the reliability of water service to major portions of EBMUD's western service area, it is most-cost effective to replace the existing Road 20 Portable PP with a new 25 MGD Wildcat PP on EBMUD-owned property at the intersection of Road 20 and El Portal Drive, which will include a new approximately 40-foot by 80-foot pumping plant building, roof-mounted antenna, security fencing and concrete masonry unit wall around the property, outdoor transformer and switchgear electrical equipment, access gates, and an assortment of bioretention planters and low-maintenance and drought-tolerant landscaping, installation of approximately 170 feet of new 36-inch suction and discharge pipelines to connect the new Wildcat PP to the distribution system, installation of approximately 725 feet of new storm drain pipeline to connect the site runoff to the City of San Pablo's existing storm drain system, and installation of two below-ground air valves for surge protection, all of which are collectively referred to as the Wildcat PP Project (Project); and

WHEREAS, EBMUD has incorporated into the Project requirements from its Standard Construction Specifications, Procedures, Engineering Standard Practices, and Pumping Plant Design Guide (EBMUD Practices and Procedures), as set forth in Appendix B to the Mitigated Negative Declaration (MND) and described throughout the MND when applicable; and

WHEREAS, the EBMUD Practices and Procedures are standardized practices and procedures applicable to all EBMUD projects, are not tailored to address specific impacts of the Project, reflect generally applicable EBMUD standard operating procedures, and as such have been properly incorporated into the project itself rather than being imposed as mitigation measures under the California Environmental Quality Act (CEQA); and

WHEREAS, nonetheless, to ensure their implementation and streamline monitoring, the EBMUD Practices and Procedures have been incorporated into a Practices and Procedures Monitoring and Reporting Plan (PPMRP) for the Project; and

WHEREAS, EBMUD mailed public notices for a public outreach and scoping meeting to approximately 60 residences and property owners and posted an online notification via Nextdoor for nearby residents, and conducted a public outreach and scoping meeting on January 26, 2021, to discuss the Project and solicit input; and

WHEREAS, in accordance with CEQA, EBMUD as lead agency prepared an Initial Study for the Project analyzing whether any potentially significant environmental impacts would result from the Project; and

WHEREAS, the Initial Study determined that with the implementation of mitigation measures, the Project would not result in any potentially significant environmental impacts; and

WHEREAS, on January 12, 2023, the Draft MND for the Project was completed by EBMUD as lead agency and circulated for review and comment, providing a 30-day comment period ending on February 14, 2023, in accordance with CEQA and applicable laws and regulations; and

WHEREAS, EBMUD provided a Notice of Intent (NOI) to adopt the MND to responsible or trustee agencies concerned with the Project, including the City of San Pablo, the San Francisco Bay Regional Water Quality Control Board, the Bay Area Air Quality Management District, the California Department of Fish and Wildlife, and the U.S. Fish and Wildlife Service; and

WHEREAS, EBMUD provided the NOI by direct postcard mailing to 397 property owners and occupants near the Project facilities, by hand delivery to 53 units of the Kona Apartment Complex adjacent to the Project site, by online notifications via Nextdoor to 1,071 members, and by email notifications via EBMUD Customer Resource Management system to 598 residents; and

WHEREAS, EBMUD also published the NOI in the West County Times, posted the Draft MND for public review on the EBMUD website, and made it available for review at EBMUD's administrative offices in downtown Oakland; and

WHEREAS, EBMUD also provided copies of the Draft MND for public review at the San Pablo Public Library; and

WHEREAS, the Draft MND public review period concluded on February 14, 2023; and

WHEREAS, EBMUD received and responded to one comment letter on the Draft MND, and subsequently modified a portion of the Draft MND to provide clarity regarding the drainage of the site; and

WHEREAS, EBMUD prepared a Final MND, which includes responses to all comments on the MND and textual clarifications made to the Draft MND in response to those comments; and

WHEREAS, EBMUD sent a Notice of Availability of the Final MND to all affected local agencies on June 1, 2023; and

WHEREAS, EBMUD prepared a detailed Mitigation Monitoring and Reporting Plan (MMRP), attached hereto as Exhibit B, and PPMRP, described above and attached hereto as Exhibit C, and both of these are incorporated by this reference into the Resolution;

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the East Bay Municipal Utility District does hereby find, determine, and certify that:

1. The above recitals are incorporated as if set forth herein.
2. The Final MND has been presented to the Board of Directors. The Board has reviewed and considered the information contained therein prior to approving the Project, and the Final MND reflects the Board's independent judgment and analysis.
3. All proceedings of the environmental review process, including circulation of the MND and all required notices, have been conducted and completed in accordance with CEQA, the CEQA Guidelines, and all other applicable laws, regulations, and procedures.
4. The potential environmental impacts of the Project are fully disclosed in the Final MND, and the Final MND is adequate for use by EBMUD for approval, design, and construction of the Project.
5. The documents and materials constituting the record of the proceeding are located at EBMUD's administrative offices, 375 11th Street, Oakland, California, 94607. The custodian of these records is the Secretary of EBMUD.
6. No substantial change in circumstances has occurred since preparation of the Final MND which would require substantial revisions to the Final MND or preparation of an Environmental Impact Report (EIR) due to the discovery or disclosure of new, significant impacts not covered in the Final MND or due to a determination that proposed mitigation measures would not reduce impacts to less-than-significant levels, and there is no requirement to recirculate the Final MND or prepare an EIR.

7. The Board of Directors makes the findings and determinations regarding the Project set forth in the Findings, attached hereto as Exhibit A. Exhibit A is hereby incorporated into this Resolution by this reference.
8. The Board of Directors hereby approves, adopts, and imposes the MMRP, attached hereto as Exhibit B and incorporated herein by this reference. The mitigation measures set forth in the MMRP and adopted by the Board of Directors are hereby imposed as conditions of Project approval.
9. The Board of Directors hereby approves, adopts, and imposes the PPMRP, attached hereto as Exhibit C and incorporated herein by this reference. The EBMUD Practices and Procedures set forth in Exhibit C and adopted by the Board of Directors are hereby imposed as conditions of Project approval.

BE IT FURTHER RESOLVED that in accordance with CEQA, the Board determines that impacts identified in the MND as potentially significant will be reduced to a less-than-significant level because EBMUD has made, or agreed to, Project mitigation measures. EBMUD, acting as lead agency, has therefore determined that a MND is appropriate for this Project.

BE IT FURTHER RESOLVED that based on the whole record before it, including the MND, the Board of Directors finds that there is no substantial evidence that the Project will have a significant effect on the environment. Therefore, the MND is hereby adopted as having been completed in compliance with CEQA.

BE IT FURTHER RESOLVED that the Project as described in Exhibit A hereto, is hereby approved.

BE IT FURTHER RESOLVED that the General Manager is hereby directed to take such actions as shall be necessary to implement the Project as described in the Final MND, subject to compliance with all mitigation measures set forth in the MMRP attached hereto as Exhibit B and PPMRP attached hereto as Exhibit C.

BE IT FURTHER RESOLVED that the Secretary of EBMUD is hereby directed to file a Notice of Determination, in accordance with the law, with the County Clerk of Contra Costa County and

with the State Clearinghouse.

ADOPTED this 13th day of June, 2023 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

ATTEST:

President

Secretary

APPROVED AS TO FORM AND PROCEDURE:

General Counsel

EXHIBIT A

EBMUD BOARD OF DIRECTORS FINDINGS REGARDING THE WILDCAT PUMPING PLANT PROJECT

1. Introduction

This is the findings document adopted by the East Bay Municipal Utility District (EBMUD or District) Board of Directors (Board) for the Wildcat Pumping Plant (PP) Project (Project). As approved by the Board, the Project includes:

- Construction of a permanent new 25 million gallon per day (MGD) Wildcat PP to replace EBMUD's existing 10 MGD Road 20 Portable PP on the same site;
- Construction of approximately 725 feet of new storm drain pipeline along Road 20 to connect the site runoff to the City of San Pablo's existing storm drain system; and
- Construction of two below-ground air valves for surge protection.

Sections 1.1 through 1.3 of this document describe the Project, its objectives, and the need to complete the Project.

Section 2, "CEQA Requirements Regarding Project Impacts," describes the requirements under the California Environmental Quality Act (CEQA) regarding Project impacts.

Section 3, "Findings Regarding Independent Review and Judgment," contains the findings regarding the independent review and judgment of the Board of Directors.

Section 4, "Findings Regarding the Project," contains the findings regarding potential Project impacts. This section is divided into four parts:

- Section 4.1 contains the findings regarding standard specifications and practices that have been incorporated into the Project to minimize environmental impacts;
- Section 4.2 contains the findings regarding significant and unavoidable Project impacts;
- Section 4.3 contains the findings regarding significant or potentially significant Project impacts that will be mitigated to a less-than-significant level; and
- Section 4.4 contains the findings regarding Project impacts that will be less than significant or where there will be no impact.

Section 5, "Findings Related to Potential Growth Inducing Impacts," contains findings regarding the Project's potential to induce growth.

Section 6, "Findings Related to Mitigated Negative Declaration (MND) Recirculation and EIR Preparation," contains findings regarding whether MND recirculation or EIR preparation is necessary.

Section 7, “Findings Related to Project Approval,” contains findings regarding the Board of Directors’ approval of the Project.

The findings presented here also summarize the mitigation measures set forth in the Final MND and agreed to by EBMUD or incorporated into the Project. The mitigation measures are summarized for convenience, but the summary is not intended to change any aspects of the complete text of the mitigation measures described in the MND and adopted by the Board.

1.1. Project Need

The Road 20 Portable PP and the San Pablo Water Treatment Plant (WTP) have been historically used to support outages of the Claremont Tunnel, Orinda WTP, and Wildcat Aqueduct and to treat and distribute water supplies delivered through the Freeport Regional Water Authority (FRWA) Intake Facility during droughts. However, the San Pablo WTP is an aging facility that has not been regularly maintained or improved to meet changing regulations and is planned for decommissioning. The Road 20 Portable PP is a temporary facility that cannot meet all the demands in the Aqueduct Pressure Zone (PZ) and upper cascades; therefore, the new Wildcat PP is needed to permanently offset the loss in transmission capacity.

1.2. Project Objectives

The Project objectives include increasing the reliability of water service to major portions of EBMUD’s western service area, providing transmission capacity south from the Sobrante WTP during planned and unplanned outages of major facilities serving the West of Hills service area (e.g., Orinda WTP, Claremont Tunnel, Wildcat Aqueduct, etc.) and distributing water supplies delivered through the FRWA Intake Facility during drought years and during rate reductions at Orinda WTP due to planned and unplanned untreated water aqueduct and facility outages and reductions in Pardee Reservoir water quality.

1.3. Project Description

The Project is described in detail in Chapter 2, Project Description, of the MND, and summarized below.

The existing 10 MGD Road 20 Portable PP, located on EBMUD-owned property at the intersection of Road 20 and El Portal Drive, San Pablo, would be replaced with a new 25 MGD Wildcat PP at the same site. The Wildcat PP building will be approximately 40-feet by 80-feet with a footprint of approximately 3,200 square feet. The architecture of the new PP will be a California Mission Style concept that utilizes building materials, colors, and features that blend the facility into the predominantly mixed-use residential and commercial neighborhood. The building features beige stucco cladding with contrasting trim over cast-in-place concrete walls. The building is topped by a steel-framed terra cotta-colored standing seam metal roof, which emulates the design of the adjacent Walter T. Helms Middle School and blends the PP building and site into the school campus. The roof will be steel-framed gable form, sloped at 3:12 with the ridgeline (i.e., high point) height approximately 24 feet from ground elevation. Roofing material is standing seam metal and the roof structure will be composed of exposed steel beam. The PP

building material will be poured-in-place reinforced concrete construction with form liners. To maintain a high level of security and noise control, there are no windows in the walls or doors of the PP building. Lockable access hatches are required in the roof above each pump unit to facilitate the installation and removal of pump units vertically through the roof for future maintenance. Power for the PP will be supplied by Pacific Gas & Electric and will require the installation of an outdoor transformer and switchgear electrical equipment. The site will also include a generator connection panel and automatic transfer switch for an emergency portable generator and portable diesel tank that may be temporarily staged on site. EBMUD will remotely operate and monitor the PP, requiring installation of an antenna attached to the building's roof approximately 25 feet in height from ground elevation.

The existing Road 20 Portable PP connections will remain for emergencies and planned and unplanned outages of the Wildcat PP. However, the Road 20 Portable PP will be removed from the site when the construction of the new Wildcat PP is completed.

Similar to existing conditions, an eight-foot-high, black-vinyl-coated security chain link fence and gates will be installed along the property line to enclose the site. An eight-foot-high concrete masonry unit wall topped with barbed wire will be installed in place of the chain link fence on the south and southeastern sides of the property, adjacent to the apartment complex, for security and privacy.

Consistent with Provision C.3 in the Municipal Regional Permit (MRP) for Contra Costa County, the site is designed to retain a portion of stormwater runoff through existing impervious surfaces (e.g., gravel area) and new bioretention planters and landscape features, which would be connected by approximately 260 feet of underground drainage pipelines onsite. The onsite drainage system will connect to a new manhole and storm drain pipeline on El Portal Drive, which would extend westerly for approximately 725 feet before connecting to an existing curb inlet on the south side of Road 20. Approximately 170 feet of new 36-inch suction and discharge pipelines will be installed onsite to connect the new Wildcat PP to the existing Wildcat Aqueduct. The site will include paved areas for access and parking for operation and maintenance of the PP. Thirteen existing trees on the site will need to be removed for the construction of the PP building and associated equipment and to provide access for maintenance.

The Project will also install two new air valves for surge protection of the distribution system at 1303 Walnut Street, Berkeley, and at EBMUD's Crockett PP site, west of San Pablo Avenue at Robert Miller Drive, San Pablo.

Project construction would take approximately two years, beginning in approximately 2026. Construction would typically occur between 7:00 a.m. and 7:00 p.m., Monday through Friday, except for emergencies.

Once constructed, the new Wildcat PP would operate in the same way as existing facilities. The new Wildcat PP would be operated and monitored remotely, and the Wildcat PP/Road 20 Rate Control Station (RCS) site would be routinely inspected approximately twice per month by District operations and maintenance staff. Long-term site maintenance would continue and would involve management of vegetation on site including keeping the site clean and free of debris and trimming shrubbery to maintain clear views into the site for both fire prevention and

public safety. The District maintains its properties to comply with city and county fire prevention vegetation management standards as part of its ongoing site maintenance program.

As described in the Final MND, EBMUD has incorporated a number of standard construction specifications, standard practices, and Engineering Standard Practices into the Project. These standard specifications and practices are designed to address typical characteristics of EBMUD construction projects and are not project specific or tailored to the unique characteristics of the Project. These standard specifications and practices, which are applicable to all EBMUD construction projects and reflect generally applicable EBMUD standard operating procedures, are described in the Final MND. The particular provisions of those standard specifications and practices that help minimize Project impacts are set forth in Exhibit C Practices and Procedures Monitoring and Reporting Program (PPMRP) for the Project to ensure their implementation.

2. CEQA Requirements Regarding Considering and Adopting a Mitigated Negative Declaration

Regarding adoption of a Mitigated Negative Declaration, CEQA Guidelines, Title 14, California Code of Regulations (CEQA Guidelines), Section 15074, states the following:

- (a) Any advisory body of a public agency making a recommendation to the decision-making body shall consider the proposed negative declaration or mitigated negative declaration before making its recommendation.
- (b) Prior to approving a project, the decision-making body of the lead agency shall consider the proposed negative declaration or mitigated negative declaration together with any comments received during the public review process. The decision-making body shall adopt the proposed negative declaration or mitigated negative declaration only if it finds on the basis of the whole record before it (including the initial study and any comments received), that there is no substantial evidence that the project will have a significant effect on the environment and that the negative declaration or mitigated negative declaration reflects the lead agency's independent judgment and analysis.
- (c) When adopting a negative declaration or mitigated negative declaration, the lead agency shall specify the location and custodian of the documents or other material which constitute the record of proceedings upon which its decision is based.
- (d) When adopting a mitigated negative declaration, the lead agency shall also adopt a program for reporting on or monitoring the changes which it has either required in the project or made a condition of approval to mitigate or avoid significant environmental effects.
- (e) A lead agency shall not adopt a negative declaration or mitigated negative declaration for a project within the boundaries of a comprehensive airport land use plan or, if a comprehensive airport land use plan has not been adopted, for a project within two nautical miles of a public airport or public use airport, without first considering whether the project will result in a safety hazard or noise problem for persons using the airport or for persons residing or working in the project area.

- (f) When a non-elected official or decision-making body of a local lead agency adopts a negative declaration or mitigated negative declaration, that adoption may be appealed to the agency's elected decision-making body, if one exists. For example, adoption of a negative declaration for a project by a city's planning commission may be appealed to the city council. A local lead agency may establish procedures governing such appeals.

3. Findings Regarding Independent Review and Judgment

Each member of the Board was provided access to a complete electronic copy of the Draft MND, as well as a copy of the Mitigation Monitoring and Reporting Plan (MMRP) as set forth in Exhibit B, in January 2023 and of the Final MND in June 2023. The Board hereby finds that the Final MND reflects the Board's own independent judgment, and that the Board has independently reviewed and analyzed the Final MND prior to taking any final action with respect to the proposed Project.

4. Findings Regarding the Project

Having received and considered the information contained in the Final MND and the MMRP, the Board hereby adopts the following findings regarding the Project impacts and mitigation measures.

4.1. Findings Regarding Construction Standard Specifications and Practices

EBMUD hereby finds that the Standard Construction Specifications, Procedures, Engineering Standard Practices, and Pumping Plant Design Guide set forth in Appendix B to the Final MND and summarized in Exhibit C, have been incorporated into the Project and are required to be implemented during project construction. As explained below in these Findings and in Exhibit C, inclusion of these standard specifications, best management practices, procedures, engineering standard practices and design guide in the Project helps minimize some of the Project's environmental impacts.

4.2. Findings Regarding Significant and Unavoidable Effects

The Board hereby finds, based on the whole record before it (including the MND), that there is no substantial evidence that the Project will have a significant and unavoidable effect on the environment.

4.3. Findings Regarding Significant Effects Mitigated to Less Than Significant Levels

It has been determined that mitigation measures proposed in the Final MND, and as set forth in the MMRP included in Exhibit B, will avoid or mitigate the effects shown below to less than significant levels.

4.3.1. Transportation

4.3.1.1. Impact Transportation a): conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?

Findings

Mitigation Measures TRA-1, TRA-2, TRA-3, and TRA-4 are hereby adopted by EBMUD and will be implemented as set forth in Exhibit B. EBMUD hereby finds that implementation of Mitigation Measures TRA-1, TRA-2, TRA-3, and TRA-4 would ensure that impacts would be less than significant (see MND pages 3-100 to 3-106).

Facts in Support of Findings

Transit Network

Temporary impacts to transit facilities may occur during construction activities associated with trenching for the off-site storm drain installation along Road 20 west of the Project site. Trenching for the storm drain would require the partial lane closure, which would be up to approximately 15 feet wide, along the south side of Road 20 west of the Project site. The partial closure would proceed in approximately 80-foot-long segments over the course of nine to ten days to complete installation of the approximately 725-foot-long off-site storm drain system. The through-connection between eastbound Road 20 and eastbound El Portal Drive is approximately 18 feet wide and 300 feet long and would therefore need to be closed during construction on that segment and immediately east of it, resulting in closure of the through-connection for approximately four days.

The partial closure of Road 20 would also require temporary rerouting of eastbound AC Transit Line 76, which utilizes the Road 20 through-connection and has a stop near the Project site, for approximately four days. The signalized Road 20/El Portal Drive intersection currently has a right-turn restriction for vehicles on the eastbound Road 20 approach, and potential route detours that avoid that intersection would require the short-term closure of both eastbound bus stops on Road 20, which serve the Walter T. Helms Middle School and the short-term closure of at least one additional bus stop on nearby roadways. Closure of transit stops would conflict with the City of San Pablo's policy to design and operate City streets based on a "Complete Streets" Concept that enables safe, comfortable, and attractive access and travel for transit users of all ages and abilities. To mitigate potential conflicts with City policies and guidance, EBMUD would implement Mitigation Measure TRA-2: Temporary Road 20 Centerline Adjustment and Line 76 Rerouting, which requires EBMUD to coordinate with the City of San Pablo to the extent feasible for the temporary adjustment of the centerline on Road 20 at the signalized intersection with El Portal Drive during the closure of the Road 20-El Portal Drive through-connection to provide adequate space for transit vehicles traveling eastbound on Road 20 to turn

right onto El Portal Drive and for transit vehicles traveling northbound on El Portal Drive to turn left onto Road 20. EBMUD shall coordinate with AC Transit for the temporary rerouting of eastbound Line 76 during the closure of the Road 20-El Portal Drive through-connection. Centerline adjustment and transit rerouting plans shall be reviewed and approved by the City of San Pablo and reviewed by AC Transit prior to construction and included in the Project's Traffic Control Plan.

AC Transit Line 76 includes an eastbound bus stop east of the Road 20/Abella Circle intersection along the frontage of Walter T. Helms Middle School. The partial closure of Road 20 would require the closure or relocation of this bus stop for approximately two days. Closure of a transit stop would conflict with the City of San Pablo's policy to design and operate city streets based on a "Complete Streets" Concept that enables safe, comfortable, and attractive access and travel for transit users of all ages and abilities. To mitigate potential conflicts with City of San Pablo policies, EBMUD will implement Mitigation Measure TRA-3: Road 20 Temporary Bus Stop Relocation, which requires EBMUD to coordinate with AC Transit and the City of San Pablo, to the extent feasible, to temporarily relocate the eastbound bus stop on the east side of the Road 20/Abella Circle intersection as needed while construction occurs on the roadway segment that includes the existing bus stop. Any parking obstruction, sidewalk obstruction, travel lane obstruction, or other accommodation required for the temporary bus stop shall be reviewed and approved by the City of San Pablo and reviewed by AC Transit prior to construction and included in the Project's Traffic Control Plan.

With implementation of Mitigation Measures TRA-2 and TRA-3, the Project would not conflict with any programs, plans, or policies related to transit facilities.

On- and Off-Street Passenger Loading and Unloading

Temporary impacts to passenger loading and unloading may occur at Walter T. Helms Middle School during construction activities associated with trenching for the off-site storm drain installation along Road 20 west of the Project site. Trenching for the storm drain would temporarily restrict 80-foot-long segments of on-street passenger loading along the frontage of Walter T. Helms Middle School, blocking approximately four on-street loading spaces per day over the course of up to approximately three days. Demand for passenger loading and unloading for Walter T. Helms Middle School is expected to be concentrated during the periods immediately preceding and following the school opening and closing bell times, which have historically been at 8:30 a.m. and 3:20 p.m., respectively. Additionally, trenching would block the one-way exit driveway at Road 20/Abella Circle used by parents for drop-offs on school property for approximately two days. Reduced space for passenger loading and unloading during periods of high demand would conflict with the City of San Pablo's policy to design and operate city streets based on a "Complete Streets" Concept that enables safe, comfortable, and attractive access and travel for all roadway users. However, there would be no storm drain pipeline construction activity during the normal school year for the Walter T. Helms Middle School.

Therefore, potential impacts to passenger loading and unloading due to storm drain pipeline installation would be less than significant.

During the periods before and after bell times and other major events, the loading and unloading zones along Road 20 on the Walter T. Helms Middle School frontage would have high vehicle turnover, with frequent speed reductions to enter the loading zone and merge from the loading zone back into the travel lane. Construction trucks traveling to the Project site would travel eastbound along Road 20 adjacent to Walter T. Helms Middle School. Due to the high turnover of vehicles entering and exiting the loading zone and potential safety hazards related to the loading and unloading of children, construction truck travel during periods of high passenger loading and unloading demand at Walter T. Helms Middle School would conflict with the City of San Pablo's policy to design and operate city streets based on a "Complete Streets" Concept that enables safe, comfortable, and attractive access and travel for all users. To mitigate potential conflicts with City of San Pablo policies, EBMUD will implement Mitigation Measure TRA-4: Construction Truck Travel Restriction, which requires EBMUD to coordinate with Walter T. Helms Middle School to restrict construction truck traffic (e.g., material delivery and haul trucks) during the 30 minutes immediately preceding and 30 minutes immediately following the morning and afternoon bell times when school is in regular session, as well as around other major events (e.g., sporting events, parent-teacher conferences) that would bring a substantial number of people to campus. Bell times and other major events affecting the period of construction truck travel shall be documented in the Project's Traffic Control Plan.

With implementation of Mitigation Measure TRA-4 and because there would be no storm drain pipeline construction during the normal school year for the Walter T. Helms Middle School, the Project would not conflict with any programs, plans, or policies related to on-street passenger loading and unloading because construction truck travel would be restricted, and impacts would be less than significant.

Bicycle Network

The increased construction traffic on public roadways would potentially decrease the safety of bicyclists because local users may not be accustomed to the presence of large construction vehicles. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including Section 1.2, Submittals, of EBMUD Standard Construction Specification 01 55 26, Traffic Regulation, which would require the Contractor to prepare a Traffic Control Plan to minimize impacts on bicycle circulation on local streets. The Traffic Control Plan may include requirements such as signs, flashing lights, barricades, and other traffic safety devices to minimize impacts on circulation on the streets surrounding the Project site.

With implementation of EBMUD Standard Construction Specifications, the Project would not conflict with any programs, plans, or policies related to bicycle facilities, and impacts would be less than significant.

Pedestrian Circulation

Sidewalks are anticipated to always be open to the public throughout the duration of construction of the Project; however, there may be temporary impacts to crosswalks during construction activities associated with trenching for the off-site storm drain installation along Road 20 west of the Project site. Trenching for the storm drain is expected to occur over the course of nine to ten days, with partial road closures on the south side of Road 20 in 80-foot-long segments each day. Crosswalks adjacent to Walter T. Helms Middle School on the stop-controlled east and west approaches of Road 20 at Abella Circle would be blocked on the day or days when that segment of Road 20 is under construction. The nearest alternative crosswalks are 600 feet west at the signalized Road 20/Abella Circle intersection and a multiphase crossing 400 feet east at the uncontrolled crossing of the Road 20-El Portal Drive through-connection and the signalized Road 20/El Portal Drive intersection. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including Section 3.4, Temporary Traffic Control, of EBMUD Standard Construction Specification 01 55 26, Traffic Regulation, which requires that sidewalks be kept open if safe for pedestrians and, if alternative pedestrian routes are required, signage would be installed to direct pedestrians to detour routes.

Even with the incorporation of EBMUD's Standard Construction Specifications, in the event Project construction requires the concurrent closure of both crosswalks, these closures would conflict with the City of San Pablo's policy to provide pedestrian crossings where feasible. Additionally, the inconvenience of the pedestrian detours, if both crosswalks were closed at the same time, would conflict with the City of San Pablo's policy to operate city streets based on a "Complete Streets" Concept, which enables safe, comfortable, and attractive access and travel for pedestrians of all ages and abilities. Compliance with the City of San Pablo's policy is particularly important at the Walter T. Helms Middle School, where children use the sidewalks and crosswalks to access the school. To mitigate potential conflicts with City policies and guidance, EBMUD would implement Mitigation Measure TRA-1: Road 20 Crosswalk Access, which requires construction of the off-site storm drain installation along Road 20 to be phased such that at least one crosswalk on Road 20 at Abella Circle adjacent to Walter T. Helms Middle School is accessible at any given time. Pedestrian access plans shall be reviewed and approved by the City of San Pablo prior to construction and included in the Project's Traffic Control Plan.

With implementation of EBMUD Standard Construction Specifications and Mitigation Measure TRA-1, the Project would not conflict with any programs, plans, or policies related to pedestrian facilities and impacts would be less than significant.

All roadways and sidewalks would be restored after construction is complete and operation of the Project would generate approximately two roundtrips per month for routine maintenance and inspection of the facility. Operation of the proposed Project would have a negligible effect on traffic circulation and not conflict with any program

plans, ordinances, or policies addressing the circulation system. No impact would occur during operation.

4.3.2. Cultural Resources

4.3.2.1. *Impact Cultural Resources b): Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?*

Findings

Mitigation Measure CR-1 is hereby adopted by EBMUD and will be implemented as set forth in Exhibit B. EBMUD hereby finds that implementation of Mitigation Measure CR-1 would ensure that impacts would be less than significant (see MND pages 3-30 to 3-32).

Facts in Support of Findings

The Project site was determined to have moderate potential to contain archaeological resources. Therefore, ground-disturbing activities proposed as part of the Project has the potential to impact these buried archaeological resources.

As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including Section 3.10, Protection of Cultural and Paleontological Resources, of EBMUD Standard Construction Specification 01 35 44, Environmental Requirements which requires implementation of archaeological resources procedures that address the inadvertent discovery of cultural resources and follows statutory law.

Even with the incorporation of EBMUD's Standard Construction Specifications, the Project's impact related to archaeological resources could still pose a significant impact. To mitigate potential adverse impacts to the cultural site, EBMUD would implement Mitigation Measure CR-1: Periodic Archaeological Inspections and Construction Monitoring, which requires a Native American monitor and a qualified archaeologist to visit the Project site two times per week during ground-disturbing phases of Project construction (initial excavation and grading, suction and discharge pipeline construction, on-site drainage construction, and Road 20 storm drain pipeline installation) to inspect unexcavated sediments and soils (i.e., intact soils along trench walls and excavations) for any sign of potential archaeological deposits. If during bi-weekly inspections the Native American monitor and archaeologist identify sensitive intact sediments that are likely to contain archaeological deposits, ground-disturbing activities shall be halted, and the qualified archaeologist shall develop an appropriate Archaeological Monitoring Plan in consultation with the Native American monitor and EBMUD. Depending on the type and condition of the sediments, the Archaeological Monitoring Plan may include, but not be limited to, increased frequency of periodic archaeological inspections, full-time archaeological construction monitoring, or presence/absence testing in areas of heightened

archaeological sensitivity. The Archaeological Monitoring Plan shall detail the methods, schedule, and thresholds for returning to bi-weekly archaeological inspections.

With implementation of EBMUD Standard Construction Specifications and Mitigation Measure CR-1, the Project's impact related to archaeological resources is less than significant.

4.3.2.2. *Impact Cultural Resources c): Disturb any human remains, including those interred outside of formal cemeteries?*

Findings

Mitigation Measure CR-1 is hereby adopted by EBMUD and will be implemented as set forth in Exhibit B. EBMUD hereby finds that implementation of Mitigation Measure CR-1 would ensure that cultural resources impacts would be less than significant (see MND pages 3-32 to 3-33).

Facts in Support of Findings

There may be an increase in potential to encounter human remains at the Project site due to the presence of a cultural site on the Sacred Land files (SLF) and as indicated by the Indian Canyon Band of Costanoan Ohlone People.

As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including Section 3.10, Protection of Cultural and Paleontological Resources, of EBMUD Standard Construction Specification 01 35 44, Environmental Requirements which requires implementation of archaeological resources procedures that address the inadvertent discovery of cultural resources and follows statutory law.

Additionally, EBMUD would implement Mitigation Measure CR-1: Periodic Archaeological Inspections and Construction Monitoring, which requires periodic archaeological inspections and construction monitoring and implementation of archaeological resources procedures that address the inadvertent discovery of cultural resources and follows statutory law.

With implementation of EBMUD Standard Construction Specifications and Mitigation Measure CR-1, the Project's impact related to cultural resources is less than significant.

4.3.3. Tribal Cultural Resources

4.3.3.1. Impact Aesthetics a) ii): Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is: A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.

Findings

Mitigation Measure CR-1 is hereby adopted by EBMUD and will be implemented as set forth in Exhibit B. EBMUD hereby finds that implementation of Mitigation Measure CR-1 would ensure that tribal cultural resources impacts would be less than significant (see MND pages 3-111 to 3-113).

Facts in Support of Findings

The results of the background research of EBMUD's Archaeological Resources Geographic Information System (GIS) and Northwest Information Center (NWIC) records search indicate that there are no archaeological tribal cultural resources within the Project site and that there is a low potential to uncover resources during Project implementation. Despite the low archaeological sensitivity, the possibility of inadvertent discovery cannot be entirely discounted, and could result in a potentially significant impact. Furthermore, the presence of a cultural site on the SLF and correspondence with the Indian Canyon Band of Costanoan Ohlone People suggest there may be an increase in potential to encounter human remains at the Project site.

As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including Section 3.10, Protection of Cultural and Paleontological Resources, of EBMUD Standard Construction Specification 01 35 44, Environmental Requirements which requires implementation of archaeological resources procedures that address the inadvertent discovery of cultural resources and follows statutory law.

Even with the incorporation of EBMUD's Standard Construction Specifications, the Project's impact related to cultural resources could still pose a significant impact. To mitigate potential adverse impacts to the cultural site, EBMUD would implement Mitigation Measure CR-1: Periodic Archaeological Inspections and Construction Monitoring, which requires periodic archaeological inspections and construction

monitoring and implementation of archaeological resources procedures that address the inadvertent discovery of cultural resources and follows statutory law.

With implementation of EBMUD Standard Construction Specifications and Mitigation Measure CR-1, the Project's impact related to tribal cultural resources is less than significant.

4.3.4. Mandatory Findings of Significance

4.3.4.1. *Impact Mandatory Findings of Significance a): Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?*

Findings

Mitigation Measures TRA-1, TRA-2, TRA-3, TRA-4, and CR-1 are hereby adopted by EBMUD and will be implemented as set forth in Exhibit B. EBMUD hereby finds that implementation of Mitigation Measures TRA-1, TRA-2, TRA-3, TRA-4, and CR-1 would ensure that impacts on the quality of the environment would be less than significant (see MND pages 3-119 to 3-122).

Facts in Support of Findings

The impact from construction on pedestrian routes could be potentially significant. However, this impact would be reduced to less than significant levels through implementation of Mitigation Measure TRA-1.

The impact from construction on bus stops requiring closure or temporary relocation could be potentially significant. However, this impact would be reduced to less than significant levels through implementation of Mitigation Measures TRA-2 and TRA-3.

Temporary impacts to passenger loading and unloading may occur at Walter T. Helms Middle School during construction activities associated with trenching for the off-site storm drain installation along Road 20 west of the Project site. However, this impact would be reduced to less than significant levels through implementation of Mitigation Measures TRA-4. No further mitigation would be required.

The Project has the potential to cause a substantial adverse change in the significance of an archeological resource and disturb human remains due to the presence of a cultural site on the SLF. However, this impact would be reduced to less than significant levels through implementation of Mitigation Measure CR-1. No further mitigation would be required.

The Project does not have the potential to substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, reduce the number or restrict the range of a rare or endangered plant or animal, or threaten to eliminate a plant or animal community, as described in the Biological Resources section of the document. No further mitigation would be required.

4.3.4.2. *Impact Mandatory Findings of Significance c): Potential for the project to have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?*

Findings

Mitigation Measures TRA-1, TRA-2, TRA-3, TRA-4, and CR-1 are hereby adopted by EBMUD and will be implemented as set forth in Exhibit B. EBMUD hereby finds that implementation of Mitigation Measures TRA-1, TRA-2, TRA-3, TRA-4, and CR-1 would ensure that environmental impacts causing substantial adverse effects on human beings would be less than significant (see MND page 3-122).

Facts in Support of Findings

As described above, the project has the potential to cause significant impacts related to Transportation, Cultural Resources, and Tribal Cultural Resources. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the project. Even with the incorporation of EBMUD's standard practices and procedures, potential significant impacts related to Transportation, Cultural Resources, and Tribal Cultural Resources remain. However, mitigation measures have been identified that would reduce these impacts to less than significant levels.

For impacts related to Aesthetics, Air Quality, Biological Resources, Energy, Geology and Soils, Greenhouse Gas Emissions, Hazards and Hazardous Materials, Hydrology and Water Quality, Noise, and Utilities and Service Systems, the relevant EBMUD standard practices and procedures discussed in the MND ensure that impacts would be less than significant.

4.4. *Findings Regarding Less than Significant Effects*

It has been determined that the following effects would be less than significant or have no impact, and no mitigation is needed.

4.4.1. Aesthetics

4.4.1.1. *Impact Aesthetics a): Potential to have a substantial adverse effect on a scenic vista?*

Findings

EBMUD hereby finds that there would be no adverse impact on a scenic vista (see MND page 3-6).

Facts in Support of Findings

The Project site would not result in visual changes that would be seen in the same view as any areas of great visual importance in the San Pablo General Plan; therefore, construction and operation of the Project would have no impact on a scenic vista.

4.4.1.2. *Impact Aesthetics b): Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?*

Findings

EBMUD hereby finds that there would be no impact on scenic resources within a state scenic highway (see MND page 3-6).

Facts in Support of Findings

Interstate 80 (I-80) is the only highway that passes through San Pablo and is neither designated nor eligible as a scenic highway in the area. Additionally, the Project site is not visible from the highway. Therefore, construction and operation of the Project would have no impact on a designated state scenic highway.

4.4.1.3. *Impact Aesthetics c): In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?*

Findings

EBMUD hereby finds that impacts would be less than significant (see MND pages 3-6 to 3-8).

Facts in Support of Findings

The City of San Pablo is considered an urbanized area, as defined in CEQA Guidelines Section 15387, and as mapped by the U.S. Census (2010); thus, impacts are considered in the context of the potential to conflict with applicable zoning and other regulations governing scenic quality.

The City of San Pablo relies on the General Plan and Zoning Ordinance to initiate design standards that affect the scenic vistas within the city. Chapter 3, Land Use and Physical Design, of the San Pablo General Plan provides policies and guidance for the development of the City's built environment. These policies seek to enhance San Pablo's image as a unique community with diverse architectural styles and promote concepts such as pedestrian-oriented streets, landscaped streetscapes, and environmentally responsible design.

The architecture of the new PP would be a California Mission Style concept that utilizes building materials, colors, and features that blend the facility into the predominantly mixed-use residential and commercial neighborhood. The landscaping would include drought-tolerant planting in bioretention basins as well as a narrow strip of native grasses along the northern fence, adjacent to the public sidewalk, to improve the visual appearance of the property and reduce stormwater runoff from the site.

Because the Project adheres to the San Pablo's General Plan and does not conflict with applicable zoning or other regulations governing scenic quality, the Project would not degrade the existing visual character or quality of the surrounding mixed residential and commercial area; therefore, the Project impacts are less than significant.

4.4.1.4. Impact Aesthetics d): Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

Findings

EBMUD hereby finds that impacts related to new sources of light or glare would be less than significant (see MND pages 3-8 to 3-9).

Facts in Support of Findings

Although it is not expected, nighttime construction may be a temporary new light source if construction occurs up to 7:00 p.m. during winter periods when it gets dark before 6:00 p.m. Should construction need to occur at night, lighting would be used to illuminate the construction area. The construction lighting may be visible to adjacent residences and along public roadways. Although the use of construction lighting at night would be temporary, the impact from night lighting on nighttime views could be potentially significant.

As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including Section 3.4, Lighting Used During Nighttime Work, of EBMUD Standard Construction Specification 01 35 44, Environmental Requirements, which requires the shielding of night lighting to be directed downward or oriented such that the light source is not directed toward residential areas or into streets. By directing the light source away from residential areas and streets, the nighttime lighting would be kept contained on the Project site, reducing the potential to create a new source of light or glare that would adversely affect nighttime views in the area.

With implementation of the requirements specified in EBMUD Standard Construction Specifications, the Project would not increase or create a new source of substantial light that would adversely affect views; therefore, the Project impacts would be less than significant.

4.4.2. Agriculture and Forestry Resources

4.4.2.1. Impact Agriculture a): Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

Findings

EBMUD hereby finds that there would be no impact associated with converting farmland to non-agricultural use (see MND page 3-11).

Facts in Support of Findings

The Project site is not designated as prime Farmland, Unique Farmland, or Farmland of Statewide Importance. The California Department of Conservation designates the Project sites as “Urban and Built-Up Land” (California Department of Conservation, 2014). The Project site is located within an urban area surrounded by residential and commercial uses. Therefore, there would be no impact associated with converting farmland to non-agricultural use.

4.4.2.2. Impact Agriculture b): Conflict with existing zoning for agricultural use, or a Williamson Act contract?

Findings

EBMUD hereby finds that there would be no impact (see MND page 3-11).

Facts in Support of Findings

The Project site is not currently zoned for agricultural use nor under a Williamson Act contract for agricultural preservation.

4.4.2.3. *Impact Agriculture c): Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), or timberland zoned Timberland Production (as defined by Government Code section 51104 (g))?*

Findings

EBMUD hereby finds that there would be no impact (see MND page 3-11).

Facts in Support of Findings

The Project site is not currently zoned for forest land, timberland, or timberland zoned Timberland Production.

4.4.2.4. *Impact Agriculture d): Result in the loss of forest land or conversion of forest land to non-forest use?*

Findings

EBMUD hereby finds that there would be no impact (see MND page 3-11).

Facts in Support of Findings

The Project site would not involve changes that could result in loss of forest land or conversion of forest land to non-forest use. The Project site does not occur on forest land.

4.4.2.5. *Impact Agriculture e): Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?*

Findings

EBMUD hereby finds that there would be no impact (see MND page 3-11).

Facts in Support of Findings

The Project site would not involve changes that could result conversion of Farmland to non-agricultural use. The Project site does not occur on Farmland.

4.4.3. Air Quality

4.4.3.1. *Impact Air Quality a): Conflict with or obstruct implementation of the applicable air quality plan?*

Findings

EBMUD hereby finds that impacts related to conflicts with or obstruction of implementation of applicable air quality plans would be less than significant (see MND pages 3-13 to 3-17).

Facts in Support of Findings

The most recently adopted air quality plan in the San Francisco Bay Area Air Basin is the Bay Area Air Quality Management District's (BAAQMD) *2017 Bay Area Clean Air Plan* and include updated BAAQMD CEQA Air Quality Guidelines (BAAQMD Guidelines) that advise lead agencies on how to evaluate air quality impacts. The 2017 BAAQMD Guidelines include significance thresholds for evaluating construction emissions and recommend that a project's consistency with the current air quality plan be evaluated using the following three criteria:

- a. The project supports the goals of the applicable air quality plan.
- b. The project includes applicable control measures from the air quality plan.
- c. The project does not disrupt or hinder implementation of any control measures from the air quality plan.

Construction activities are typically short term and result in emissions of ozone precursors and Particulate Matter (PM) in the form of dust (fugitive dust) and exhaust (e.g., vehicle tailpipe) emissions. The Project includes excavation to install new storm drain pipeline and new/replacement air valves, and construction of the new PP. Pollutant emissions associated with the Project activities would be generated from the following general construction activities: (1) grading, excavation, and construction; (2) vehicle trips from workers traveling to and from the construction areas; (3) trips associated with delivery and hauling of construction supplies to, and debris from, the construction areas; (4) fuel combustion by on-site construction equipment; and (5) paving and architectural coatings (paints and other coatings used in interior and exterior finishing of buildings). These Project activities would temporarily create emissions of dust, fumes, equipment exhaust, and other air pollutants.

Predicted construction emissions would not exceed the BAAQMD significance thresholds. Whether or not a project's emissions exceed the BAAQMD significance thresholds, the BAAQMD recommends that all projects implement the Basic Construction Mitigation Measures (BCMMs) that primarily address dust control. The BAAQMD considers implementation of the BCMMs for fugitive dust sufficient to ensure that construction-related fugitive dust is reduced to a less-than-significant level. As summarized in Exhibit C, a number of EBMUD standard practices and

procedures, applicable to all EBMUD projects, have been incorporated into the Project, including Section 1.3.E, Dust Control and Monitoring Plan, Section 3.3.B, Dust Control, Section 3.3.C, Dust Monitoring During Demolition and Construction, Section 3.3.D, Dust Control System Compliance, Section 3.5.A, Air Quality and Emissions Control, and Section 3.5.B, Architectural Coatings, of EBMUD Standard Construction Specification 01 35 44, Environmental Requirements.

Because the estimated construction emissions from the Project would be less than the recommended BAAQMD significance thresholds for construction and with implementation of the requirements specified in EBMUD Standard Construction Specifications, the Project construction would be consistent with all three criteria identified by the BAAQMD to evaluate consistency with the *2017 Bay Area Clean Air Plan*, therefore the Project would have a less than significant impact.

Once operational, the Project would not include any new sources of emissions and the impact would be less than significant.

4.4.3.2. *Impact Air Quality b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?*

Findings

EBMUD hereby finds that the Project would not result in a cumulatively considerable net increase of any criteria pollutant and impacts would be less than significant (see MND pages 3-17 to 3-18).

Facts in Support of Findings

For a project that would not result in a significant impact individually, the project's contribution to any cumulative impact would be considered less than significant if the project is consistent with the local general plan and the local general plan is consistent with the applicable regional air quality plan. In this case, the applicable regional air quality plan is the *2017 Bay Area Clean Air Plan*. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects have been incorporated into the Project including Section 3.5.A, Air Quality and Emissions Control, and Section 3.5.B, Architectural Coatings, of EBMUD Standard Construction Specification 01 35 44, Environmental Requirements, which would further reduce construction-related emissions.

Because the Project is consistent with the *2017 Bay Area Clean Air Plan* as discussed under Impact Air Quality a), because estimated construction emissions from the Project would be less than the recommended BAAQMD significance thresholds for construction, and with implementation of EBMUD Standard Specifications, the Project would not result in a cumulatively considerable net increase of any criteria pollutant and impacts from construction would be less than significant.

As stated above in Impact Air Quality a), Project operation would not increase emissions of criteria air pollutants over existing conditions and would therefore not contribute to a cumulative impact. The Project would also not be a source of diesel-fueled equipment emissions, therefore, new Wildcat PP operational impacts related to air quality standards from the proposed Project would have no impact.

4.4.3.3. *Impact Air Quality c): Expose sensitive receptors to substantial pollutant concentrations?*

Findings

EBMUD hereby finds that impacts would be less than significant (see MND pages 3-18 to 3-20).

Facts in Support of Findings

As discussed under Impact Air Quality a) and b) above, despite construction exhaust air pollutant emissions not contributing substantially to existing or projected air quality violations, construction exhaust emissions may still pose health risks for sensitive receptors, such as surrounding residents. The primary community risk impact issue associated with construction emissions are cancer risk associated with diesel particulate matter, and non-cancer health impacts associated with exposure to fugitive sources of PM. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including Section 3.5.A, Air Quality and Emissions Control, of EBMUD Standard Construction Specification 01 35 44, Environmental Requirements, which requires that all construction equipment, diesel trucks, and generators be equipped with Best Available Control Technology for emission reductions. With implementation of the requirements specified in EBMUD Standard Construction Specifications, the Project would not exceed the BAAQMD significance thresholds, therefore, the impacts to sensitive receptors related to construction would be less than significant.

Operation of the new Wildcat PP would not be a source of significant pollutant emissions. No fuel combustion equipment (i.e., diesel generators) are planned at the site under normal operations. Therefore, emissions associated with the operation of the new Wildcat PP would primarily include those from vehicles that occasionally travel to and from the site. The estimated trips to and from the site (i.e., two trips per month, weekdays only) would be less than those generated by a single residence. Operation of the Project would not expose sensitive receptors to substantial pollutant concentrations, and therefore the impact would be less than significant.

4.4.3.4. *Impact Air Quality d): Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?*

Findings

EBMUD hereby finds that impacts would be less than significant (see MND pages 3-20 to 3-22).

Facts in Support of Findings

Activities requiring construction equipment and trucks that emit diesel- and/or gasoline-powered engine exhaust odors may be a potential source of objectionable odors. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including Section 1.3.I, Tune-up Logs, and Section 3.5.A, Air Quality and Emissions Control, of EBMUD Standard Construction Specification 01 35 44, Environmental Requirements, which requires the Contractor provide records of tune-up logs that show construction equipment, particularly haul and delivery trucks, in use at the Project sites have undergone required maintenance. With implementation of EBMUD Standard Construction Specifications, the Project impact related to creation of objectionable odors affecting a substantial number of people would be less than significant.

The new Wildcat PP pump units would operate within the enclosed new concrete building and be powered by electricity. As such, the operational impact related to creation of objectionable odors affecting a substantial number of people would be less than significant.

4.4.4. *Biological Resources*

4.4.4.1. *Impact Biological Resources a): Have a substantial adverse impact, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations or by the California Dept. of Fish & Game or U.S. Fish & Wildlife Service?*

Findings

EBMUD hereby finds that impacts to species would be less than significant (see MND pages 3-24 to 3-26).

Facts in Support of Findings

Because the Project site is located in an urban setting and is mostly paved with limited ornamental vegetation, the Project site does not provide suitable habitat for any special-status species with known occurrences in the region. Therefore, based on

field observations and a desktop-level review of species habitat requirements and species occurrence databases, no special-status species have the potential to occur at the Project site and along the new storm drain pipeline alignment. The new and replacement air valves would be installed entirely within existing paved roadways or developed site that experience regular traffic related noise and are unlikely to impact sensitive species.

Special-Status Nesting Birds

The Project site contains manmade structures and landscaped vegetation, including several mature ornamental trees, that may provide nesting habitat for resident and migratory birds. Active bird nests (i.e., nests that contain eggs or young) are protected under the Migratory Bird Treaty Act and the California Fish and Game Code. Raptors are not expected to nest near the Project site due to the lack of foraging and nesting habitat, but the ornamental trees on site could support nesting by some common passerine bird species, such as Anna's hummingbird (*Calypte anna*) and northern mockingbird (*Mimus polyglottos*). Implementation of the Project would result in removal of vegetation within the Project site, including shrubs and approximately 13 mature trees. The bird nesting season generally occurs between February 1 and August 31 each year, which represents the time period when trees and vegetation may have the potential to contain an active bird nest. If vegetation removal activities occur between February 1 and August 31, these activities have the potential to adversely impact nesting birds if an active bird nest is present within the vegetation. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including Section 3.9, Protection of Birds Protected under the Migratory Treaty Act and Roosting Bats, of EBMUD Standard Construction Specification 01 35 44, Environmental Requirements, which requires protection of migratory birds and their nests by completing contractor environmental training, preconstruction nesting bird surveys, monitoring during construction, and delineation of avoidance buffer zones. With implementation of EBMUD's Standard Construction Specifications, construction impacts to special-status nesting birds would be less than significant.

Once the Project is completed, similar to existing conditions, no habitat for special-status species will be present at the Project site and along the new storm drain pipeline alignment. Operation of the Project would not involve any removal of vegetation or structures, or any other activities that could potentially affect special-status species or nesting birds. Therefore, operation of the Project has no potential to impact special-status species or nesting birds.

4.4.4.2. *Impact Biological Resources b): Have a substantial adverse impact on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Dept. of Fish & Game or U.S. Fish & Wildlife Service?*

Findings

EBMUD hereby finds that there will be no impact (see MND page 3-26).

Facts in Support of Findings

No waters or riparian habitats occur on or directly adjacent to the Project site and the new storm drain pipeline alignment. Therefore, the Project would not result in any impacts to any waters or riparian habitat identified in local or regional plans, policies, regulations, or by the California Department of Fish & Game (CDFW) or U.S. Fish & Wildlife Service.

4.4.4.3. *Impact Biological Resources c) Potential to have a substantial adverse impact on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?*

Findings

EBMUD hereby finds that there will be no impact to federally protected wetlands (see MND page 3-26).

Facts in Support of Findings

No state or federally protected wetlands occur within Project site and the new storm drain pipeline alignment. Therefore, the Project would not result in any impacts on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means.

4.4.4.4. *Impact Biological Resources d): Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?*

Findings

EBMUD hereby finds that there will be no impact (see MND page 3-26).

Facts in Support of Findings

The Project site and the new storm drain pipeline alignment do not function as important regional wildlife corridors or nursery sites because the sites and adjacent areas have been paved and developed. The Project site is surrounded by residential, institutional, or commercial development and paved streets on all four sides. The new storm drain pipeline alignment would be completed in paved roadways. Therefore, the Project would not result in any impact to the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors or impede the use of native wildlife nursery sites.

4.4.4.5. *Impact Biological Resources e): Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?*

Findings

EBMUD hereby finds that impacts related to conflicts with local policies or ordinances protecting biological resources would be less than significant (see MND page 3-27).

Facts in Support of Findings

Although EBMUD is not subject to building and land use zoning ordinances (such as tree ordinances) for projects involving the transmission of water (Government Code Section 53091), EBMUD strives to consider and work with host jurisdictions and neighboring communities during project planning and to conform to local environmental protection policies, where feasible and not contrary to its public purpose and responsibilities.

Construction of the Project would involve the removal of approximately 13 mature ornamental trees on the Project site. The San Pablo General Plan 2030 and City of San Pablo Master Landscape Plan contain policies and guidelines that apply to street trees; however, none of the trees within the Project site are considered street trees as they are all located over 60 feet away from the nearest public right-of-way of El Portal Drive. Therefore, the removal of trees within the Project site would not conflict with any policies or guidelines listed in the San Pablo General Plan 2030 or the City of San Pablo Master Landscape Plan.

Chapter 17.48 of the San Pablo Municipal Code contains tree evaluation and replanting requirements that apply to development projects that contain trees within the project footprint. However, Section 17.48.020 of the San Pablo Municipal Code specifies conditions under which a project may be exempt from all the requirements of Chapter 17.48 and includes an exemption for any project with a landscaped area less than 1,000 square feet. The Project site contains less than 1,000 square feet of landscaped area. Therefore, the Project is exempt from the tree evaluation and

replanting requirements listed under Chapter 17.48, and removal of the trees within the Project site during construction would not conflict with the San Pablo Municipal Code. Construction of the Project would not conflict with the San Pablo General Plan 2030, City of San Pablo Master Landscape Plan, San Pablo Municipal Code, or any other local policy or ordinance protecting biological resources.

4.4.4.6. *Impact Biological Resources f): Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?*

Findings

EBMUD hereby finds that there will be no impact (see MND page 3-27).

Facts in Support of Findings

None of the Project sites are located within any adopted Habitat Conservation Plan, Natural Conservation Community Plan, or other approved local, regional, or state habitat conservation plan. Therefore, Project construction activities and operation would not conflict with the provisions of any adopted plan.

4.4.5. *Cultural Resources*

4.4.5.1. *Impact Cultural Resources a) Cause a substantial adverse change in the significance of a historical resource pursuant to § 15064.5?*

Findings

EBMUD hereby finds that there will be no impact (see MND page 3-29).

Facts in Support of Findings

The Project site is not listed on the Federal Register of Historic Places or the California Register of Historical Resources. Historic-age structures in and around the Project site are limited to the Road 20 RCS (constructed in 1970) on the Project site and adjacent apartment complex, the Kona Apartments (constructed in 1972), located at 2645 Church Lane. Both structures were determined to not meet the criteria as historical resources or be historically significant. Therefore, the Project has no potential to cause a substantial adverse change in the significance of a historical resources.

4.4.6. Energy

4.4.6.1. *Impact Energy a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation?*

Findings

EBMUD hereby finds that impacts resulting from wasteful, inefficient, or unnecessary consumption of energy would be less than significant (see MND pages 3-34 to 3-35).

Facts in Support of Findings

Construction of the Project would require the use of machinery and vehicles that would require the use of energy, including gasoline, diesel, and motor oil. Fuel for construction worker commute trips and material hauling trips to and from the site would be minor in comparison to the fuel used by construction equipment. Construction would also indirectly use energy for production of construction materials. While the precise amount of construction energy consumption is uncertain, use of these fuels would be consistent with typical construction and manufacturing practices and would not be wasteful or unnecessary because doing so would not be economically sustainable for contractors. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including Section 3.5.A, Air Quality and Emissions Control, of EBMUD Standard Construction Specification 01 35 44, Environmental Requirements, which requires a variety of controls that would reduce the inefficient use of fuels, including limiting idling, keeping engines properly tuned, maintaining appropriate tire pressure, requiring the use of alternative-fueled construction equipment, and recycling or reusing construction waste or demolition materials to the extent feasible.

With implementation of EBMUD Standard Construction Specifications, the Project construction impacts related to energy use and impacts on energy resources would be less than significant.

The operation of the new PP would result in a net increase in electricity use. However, this increase would be offset by a reduction in diesel energy use because the older diesel pumps and motors from the Road 20 Portable PP on site would be replaced with newer and more efficient pumps and motors of the Wildcat PP. The number of trips by maintenance workers would not result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources.

4.4.6.2. *Impact Energy b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?*

Findings

EBMUD hereby finds that there would be no impact (see MND page 3-35).

Facts in Support of Findings

The Project would comply with applicable energy efficiency policies or standards including EBMUD standard practices and procedures that require a variety of controls to reduce the inefficient use of fuels. Therefore, there would be no impact associated with conflicts with energy plans and policies related to renewable energy or energy efficiency during construction and operation.

4.4.7. *Geology and Soils*

4.4.7.1. *Impact Geology and Soils a) i) through iv): Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving: i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42; ii) Strong seismic ground shaking; iii) Seismic-related ground failure, including liquefaction; and/or iv) Landslides?*

Findings

EBMUD hereby finds that impacts would be less than significant (see MND pages 3-37 to 3-39).

Facts in Support of Findings

The Project site is not located within earthquake fault, landslide, or liquefaction zones. However, ground shaking is an unavoidable hazard for the new PP because it is located approximately 1,000 feet from the active Hayward Fault Zone and is in a seismically active region.

As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including EBMUD's Pumping Plant Design Guide, EBMUD Engineering Standard Practice 512.1, Water Main and Services Design Criteria, and EBMUD Engineering Standard Practice 550.1, Seismic Design Requirements, which include requirements for pipelines and structures to withstand seismic hazards and requires the completion of a geotechnical investigation during design and incorporation of geotechnical design recommendations in project plans and specifications. With

implementation of EBMUD Standard Construction Specifications and EBMUD's design practices, the potential for exposure of people or structures to potential substantial adverse effects during construction or operation, including the risk of loss, injury, or death involving rupture of a known earthquake fault, strong seismic ground shaking, liquefaction, or landslides is less than significant.

4.4.7.2. *Impact Geology and Soils b): Potential to result in substantial soil erosion or the loss of topsoil?*

Findings

EBMUD hereby finds that impacts related to soil erosion or loss of topsoil would be less than significant (see MND page 3-39).

Facts in Support of Findings

The excavation and grading activities that are planned during construction of the new PP and storm drain pipeline would increase exposure of topsoil to erosion. Storm weather (e.g., wind and rain) could also result in soil erosion. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including Section 1.1.B, Site Activities, and Section 1.3.A, Storm Water Management, of EBMUD Standard Construction Specification 01 35 44, Environmental Requirements, and EBMUD's Pumping Plant Design Guide, which include provisions for preventing soil erosion and loss of soil during construction, including the diversion of surface waters and maintenance of the construction site to minimize erosion and loss of soil, requires contractors to submit a Storm Water Pollution Prevention Plan (SWPPP), and a design-level geotechnical investigation to confirm the characteristics of the subsurface and to identify any soil control requirements. EBMUD would incorporate the recommendations outlined in the geotechnical investigation into the Project design. With implementation of EBMUD Standard Construction Specifications and EBMUD's design practices, the impacts related to soil erosion and loss of topsoil would be less than significant during construction and operation.

The new storm drain pipeline alignment would be paved following completion of construction and therefore has no impact related to soil erosion or loss of topsoil during operation. The Project site would be paved and landscaped after construction and therefore have no impact related to soil erosion or loss of topsoil during operation.

4.4.7.3. *Impact Geology and Soils c) Be located on strata or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?*

Findings

EBMUD hereby finds that impacts would be less than significant (see MND page 3-40).

Facts in Support of Findings

Landslides

The new PP site and new storm drain pipeline alignment are not located within earthquake-induced landslide zones. Therefore, there is no impact associated with landslides.

Liquefaction and Lateral Spreading

The new PP and storm drain pipeline alignment are not located within a liquefaction zone. Therefore, there is no impact associated with liquefaction and lateral spreading.

Subsidence and Soil Collapse

Unsupported excavations into soft or loose soils can cause soil collapse. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including Section 1.3.K, Excavation Safety Plan, of EBMUD Standard Construction Specification 01 35 24, Project Safety Requirements, which requires the Contactor submit an excavation safety plan showing the details of the design of shoring, bracing, sloping or other provisions to be made for worker protection during such excavation meeting the requirements of the Construction Safety Orders, Title 8, California Code of Regulations.

With implementation of EBMUD's Standard Construction Specifications and design practices, impacts related to landslide, lateral spreading, subsidence, liquefaction or collapse are less than significant during construction and operation.

4.4.7.4. *Impact Geology and Soils d) Be located on expansive soil as defined in Table 18-1-B of the Uniform Building Code 1994, creating substantial risks to life or property?*

Findings

EBMUD hereby finds that impacts would be less than significant (see MND pages 3-40 to 3-41).

Facts in Support of Findings

The Natural Resources Conservation Service Web Soil Survey indicates that the Project site and new storm drain pipeline alignment are located in soils with moderate shrink-swell potential, which would result in a potentially significant impact due to the effect those soils could have on the stability and longevity of the new PP building and storm drain pipeline.

As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including EBMUD's Engineering Standard Practices 512.1, Water Main and Services Design Criteria, and 550.1, Seismic Design Requirements, which specifies minimum design requirements to follow in the design of PPs and pipelines. All facilities would be designed to withstand the effects of expansive soils and would follow recommendations of the geotechnical investigation to ensure that engineered structures and pipelines can withstand expansive soils. With implementation of EBMUD engineering and design practices, impacts of the Project to life or property associated with location in expansive soil would be less than significant during construction and operation.

4.4.7.5. Impact Geology and Soils e) Have soils incapable of supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

Findings

EBMUD hereby finds that there would be no impact (see MND page 3-41).

Facts in Support of Findings

Wastewater generation or disposal is not a part of the Project; therefore, soils would not be used for the treatment or disposal of wastewater during construction or operation. During construction, temporary self-contained toilets and hand washing facilities would be located on site. Any wastewater generated by these facilities would be hauled off site for treatment and disposal. Therefore, there would be no impacts associated with capability of soils to dispose of wastewater during construction and operation.

4.4.7.6. Impact Geology and Soils f) Directly or indirectly destroy a unique paleontological resource or site or unique geological feature?

Findings

EBMUD hereby finds that impacts would be less than significant (see MND page 3-41 to 3-42).

Facts in Support of Findings

The Project would be constructed on highly disturbed urban land at the existing Project site, and in existing roadways at the new storm drain pipeline alignment. Because these areas have been previously disturbed, soils in these areas are not expected to contain fossils. In the unlikely event that fossils are encountered during construction, impacts could be potentially significant. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects have been incorporated into the Project, including Section 3.10, Protections of Cultural and Paleontological Resources, of EBMUD Standard Construction Specification 01 35 44, Environmental Requirements, which requires that staff be trained to recognize paleontological resources and that if resources are encountered, construction must be stopped so that paleontological resources can be evaluated and protected. With implementation of EBMUD Standard Construction Specifications, the Project's construction and operation impacts related to directly or indirectly destroying a unique paleontological or geological resource, feature or site are less than significant.

4.4.8. Greenhouse Gas (GHG) Emissions

4.4.8.1. *Impact GHG Emissions a): Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?*

Findings

EBMUD hereby finds that impacts related to greenhouse gas emissions would be less than significant (see MND pages 3-44 to 3-46).

Facts in Support of Findings

GHG emissions associated with construction of the Project would consist primarily of emissions from equipment exhaust and worker and vendor trips. BAAQMD encourages the incorporation of Best Management Practices (BMPs) to reduce GHG emissions during construction where feasible and applicable. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including Section 3.5.A, Air Quality and Emissions Control, of EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements, which requires EBMUD and its Contractor to implement air emission control BMPs to minimize short-term construction diesel exhaust emissions, including GHG emission controls that would reduce GHG emissions from fuel combustion by maintaining equipment tire pressure, maintaining construction equipment according to manufacturer's specifications, and requiring best available control technology on all equipment.

With implementation of EBMUD's Standard Construction Specifications, the Project's construction impacts related to GHG emissions would be less than significant.

Operation of the new PP would not include any new sources of GHG emissions when compared to operation of the existing Road 20 Portable PP and the new storm drain pipeline and air valves are not expected to generate GHG emissions during operation. Therefore, there would be no impact related to operational GHG emissions.

4.4.8.2. *Impact GHG Emissions b): Conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?*

Findings

EBMUD hereby finds that impacts would be less than significant (see MND pages 3-46 to 3-49).

Facts in Support of Findings

Construction of the Project would involve operation of diesel-fueled off-road construction equipment and on-road vehicles associated with worker commute, material delivery, and hauling that would directly generate GHG emissions. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including Section 3.5.A, Air Quality and Emissions Control, of EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements which requires construction crews use electrically powered construction equipment whenever available and feasible, and recycling demolition debris for reuse to the extent feasible. Therefore, the Project would be consistent with the goals in the Bay Area 2017 Climate Action Plan and the San Pablo Climate Action Plan and construction related GHG emissions would not conflict with any plans, policies, or regulations adopted for the purpose of reducing GHG emissions. With implementation of EBMUD Standard Construction Specifications, construction of the Project would not conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases and the impact would be less than significant.

After construction, the new PP would operate in a similar manner as the existing Road 20 Portable PP and Road 20 RCS, which are currently operated and monitored remotely with no substantial increase in direct operational GHG emissions. EBMUD's heavy-duty maintenance vehicles would comply with the latest vehicle emission standards. Therefore, the Project's operational GHG emissions would not conflict with any plans, policies, or regulations adopted for the purpose of reducing GHG emissions, resulting in a less than significant impact.

4.4.9. Hazards and Hazardous Materials

- 4.4.9.1. Impact Hazards and Hazardous Materials a) and b): a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials? b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?**

Findings

EBMUD hereby finds that impacts would be less than significant (see MND pages 3-52 to 3-57).

Facts in Support of Findings

Routine transport, use, and disposal of hazardous materials

Project construction would require the use of hazardous materials such as fuels, lubricants, paints, and solvents for motorized heavy equipment, such as excavators, bulldozers, and backhoes. Minor maintenance activities and refueling of equipment and vehicles from mobile or stationary fuel supply sources could occur at the Project work areas during construction. If not properly managed, the routine transport, use, and disposal of hazardous materials could pose a threat to human health or the environment. Improperly disposed of, spilled, or leaking hazardous materials could create a significant hazard to workers, the public, or the environment. Hazardous materials handling, disposal, and transport must occur in accordance with applicable federal, state, and local regulations.

Superchlorinated Water for Pipeline Disinfection

During construction, approximately 170 feet of new 36-inch diameter suction and discharge pipelines connecting the new Wildcat PP to the existing water distribution system would be filled with superchlorinated water to disinfect the pipelines before placing the pipelines in service. Once the disinfection of the pipelines is complete, the superchlorinated water would need to be discharged. The planned discharge and release of superchlorinated water after testing and disinfection of new pipelines could potentially violate water quality standards or waste discharge requirements.

Accidental Rupture of High-Priority Subsurface Utilities

Subsurface high-priority utilities could be inadvertently damaged during excavation activities at the Project site, along the new storm drain pipeline alignment, or at the air valve construction sites.

Disturbance of Hazardous Materials

Construction activities which may have the potential to disturb existing unknown hazardous materials in the soil or groundwater include soil excavation at the Project site and along the new storm drain pipeline alignment. The air valve replacement and

construction work is part of EBMUD's existing facilities, located in disturbed areas, and requires minimal work. Therefore, it is not expected to disturb hazardous materials in the soil and groundwater. A review of State Water Resources Control Board (SWRCB) GeoTracker database and Department of Toxic Substance Control (DTSC) EnviroStor database was conducted to determine if there is a potential for and/or known sources of subsurface contamination at the Project site and along the new storm drain pipeline alignment. No hazardous materials release sites were identified at the Project site and there is no evidence of contamination along the new storm drain pipeline alignment.

In addition to complying with federal, state, and local regulations, and as summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project including Section 1.3.A.2, Storm Water Pollution Prevention Plan, Section 1.3.B, Water Control and Disposal Plan, Section 1.3.C, Construction and Demolition Waste Disposal Plan, Section 1.3.D, Spill Prevention and Response Plan, and Section 1.3.E, Dust Control and Monitoring Plan, of EBMUD Standard Construction Specification 01 35 44, Environmental Requirements; Section 1.3.B, Project Health and Safety Plan, and Section 1.3.J, Electrical Safety Plan, of EBMUD's Standard Construction Specification 01 35 24, Project Safety Requirements; Section V, Requirements and Guidelines of Planning, Design, and Construction, of EBMUD's Engineering Standard Practice 514, Identifying Buried Conflicts; and EBMUD Procedure 711, Hazardous Waste Removal; which requires BMPs for hazardous materials storage and containment of releases; includes requirements for removing, handling, transporting, and disposing of any waste material; preventing and controlling the accidental release of hazardous materials; address anticipated hazards related to hazardous materials, describes appropriate training requirements, and identifies qualified hazardous material testing personnel; ensures compliance with specific steps outlined for characterizing wastes, coordinating waste disposal, maintaining inventories of hazardous waste, and tracking any hazardous waste handling and disposal requirements; requires all drinking water system discharges to the storm drain be dechlorinated with acceptable turbidity and pH; requires superchlorinated discharges be sent to the sanitary sewer system; identify existing utilities; identify requirements to protect workers from hazardous voltages on pipelines or associated structures; and addresses anticipated hazards related to hazardous substances, fall protection, confined spaces, and open trenches or excavations.

Because the Project would comply with mandatory existing regulations and programs and with implementation of EBMUD Standard Construction Specifications, EBMUD's standard design practices, and District Procedures, construction impacts associated with the potential to create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials; the potential to create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the likely release of hazardous materials into the environment; the potential from accidental rupture of

high-priority subsurface utilities; and the potential for accidental release of contaminated soil or groundwater during excavation would be less than significant.

Solvents, cleaners, or other chemicals may be used during maintenance of the new Wildcat PP for cleaning equipment or to prevent corrosion but would be used in very small quantities. The use, storage, and transport of these potentially hazardous materials throughout the operational life of the Project would be carried out in accordance with federal, state, and local regulations for transport, storage, use, and disposal of hazardous materials. Operation of the Project would not require excavation or other ground-disturbing activities that could result in accidental release of subsurface hazardous materials or impacts to subsurface utilities. Therefore, the potential to create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the likely release of hazardous materials into the environment during operation would be less than significant.

4.4.9.2. *Impact Hazards and Hazardous Materials c): Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?*

Findings

EBMUD hereby finds that impacts would be less than significant (see MND pages 3-57 to 3-58).

Facts in Support of Findings

The Walter T. Helms Middle School is located adjacent to the Project site with buildings as close as approximately 50 feet west of the Project site and approximately 25 feet south of the new storm drain pipeline in Road 20. Construction of the Project would require the use of some hazardous materials, including fuels, lubricants, paints, and solvents, at the Project site and along the new storm drain pipeline alignment. While diesel particulate matter, a toxic air contaminant, would be emitted during construction, the impacts of these emissions would be less than significant, as described above in Section 4.4.3, Air Quality. The work associated with the installation and replacement of the air valves is minimal and not expected to result in any impacts. Hazardous materials used during construction would be managed in accordance with applicable regulations and Alameda County Department of Environmental Health's Certified Unified Program Agency programs. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects have been incorporated into the Project including Section 1.3.B, Project Health & Safety Plan, of EBMUD Standard Construction Specification 01 35 24, Project Safety Requirements, and Section 1.3.D, Spill Prevention and Response Plan, of EBMUD Standard Construction Specification 01 35 44, Environmental Requirements, which require an Emergency Action Plan that provides notification procedures in the event of an accident and protocols to prevent

and control the accidental release of hazardous materials during construction, identifying notification protocols, and providing spill control and cleanup procedures. Because the Project is not anticipated to emit hazardous air emissions or include hazardous substances in a quantity equal to or greater than the Bay Area Air Quality Management District threshold, and with implementation of EBMUD Standard Construction Specifications, the construction impact on nearby schools would be less than significant.

Operation of the Project may require periodic use of solvents, cleaners, or other chemicals as part of routine maintenance activities for the new PP; however, these would be used in very small quantities. Therefore, the Project would not be expected to impose a health or safety hazard to persons who would attend or would be employed at the school and impacts to the school would be less than significant.

4.4.9.3. *Impact Hazards and Hazardous Materials d): Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?*

Findings

EBMUD hereby finds that there would be no impact (see MND page 3-58).

Facts in Support of Findings

Based on a review of DTSC's online data management system and the EnviroStor Database, which is compiled pursuant to Government Code Section 65962.5, no elements of the Project are located on a site included on a list of hazardous materials sites. Therefore, no impacts related to hazards or releases from the Project sites from construction or operation of the Project would occur.

4.4.9.4. *Impact Hazards and Hazardous Materials e): For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?*

Findings

EBMUD hereby finds that there would be no impact (see MND page 3-58).

Facts in Support of Findings

No elements of the Project are located within an airport land use plan or within two miles of a public airport or public use airport. Therefore, no impacts related to

airports or airport land use plans from construction or operation of the Project would occur.

4.4.9.5. *Impact Hazards and Hazardous Materials f): Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?*

Findings

EBMUD hereby finds that impacts would be less than significant (see MND pages 3-58 to 3-59).

Facts in Support of Findings

The City of San Pablo has adopted the Comprehensive Emergency Plan that provides guidance for responding to extraordinary emergency situations associated with natural, man-made and technological disasters and includes a description of the City of San Pablo's basic plan, functional annexes, and Standard Operating Procedures. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project including Section 1.2, Submittals, of EBMUD Standard Construction Specification 01 55 26, Traffic Regulation, which requires the preparation and submittal of a Traffic Control Plan with a description of emergency response vehicle access. With implementation of EBMUD's Standard Construction Specifications, impacts on emergency response and evacuation during construction would be less than significant.

Operation of the new PP and storm drain pipeline would not require lane or road closures and would not impair or physically interfere with an adopted emergency response plan or emergency evacuation plan. Therefore, there would be no impact to emergency response or evacuation plans from operation.

4.4.9.6. *Impact Hazards and Hazardous Materials g): Expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?*

Findings

EBMUD hereby finds that there would be less than significant impact related to the exposure of people or structures to a significant risk of loss, injury or death involving wildland fires (see MND page 3-59).

Facts in Support of Findings

The new PP, storm drain pipeline, and air valves are located entirely in developed suburban areas and would not include any work in wildland areas. The Project site is identified to have little or no fire threat per the City's General Plan Wildfire Hazards

Map. The Project would not expose people or structures to a potential wildfire. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project including Section 1.6, Fire Prevention and Protection, of EBMUD Standard Construction Specification 01 35 24, Project Safety Requirements. Pursuant to Section 1.6, Fire Prevention and Protection, the site would be supplied and maintained with adequate firefighting equipment capable of extinguishing incipient fires. All work would comply with applicable federal, local, and state fire-prevention regulations including provisions for wildfire protection building construction, hazardous vegetation and fuel management, defensible space, fire reporting, access for firefighting, and portable fire extinguishers. With implementation of the requirements specified in EBMUD's Standard Construction Specification, there would be no wildland fire risks from construction or operation of the Project.

4.4.10. Hydrology and Water Quality

4.4.10.1. Impact Hydrology and Water Quality a): Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?

Findings

EBMUD hereby finds that impacts would be less than significant (see MND pages 3-61 to 3-64).

Facts in Support of Findings

Planned potable water discharges associated with the construction of the Project include draining of water when connecting new pipelines to the distribution system, and the discharge of superchlorinated water upon hydrostatic testing and disinfection of new pipelines. These potable water discharges could potentially violate water quality standards or waste discharge requirements for surface waters through the introduction of chlorinated drinking water to existing drainages. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including EBMUD Standard Construction Specification 01 35 44, Environmental Requirements, Section 1.3.B, Water Control and Disposal Plan, and Section 1.3.D, Spill Prevention and Response Plan, which require the contractor to ensure potable water discharges would be controlled, treated, and discharged and prevent or control the accidental release of potable water during the construction of the Project. With implementation of EBMUD Standard Construction Specifications, impacts on water quality standards or waste discharge requirements during construction would be less than significant.

Construction activities for the Project, including clearing and grubbing activities, preparation of construction staging areas would expose soils to the elements (wind and rain). Soils may be entrained in stormwater runoff, potentially affecting water

quality in receiving surface waters. Improper use, storage, or disposal of fuels, lubricants, and other chemicals used in construction could also result in the conveyance of contaminants to the receiving surface waters via stormwater runoff. Thus, stormwater discharges could potentially violate water quality standards or waste discharge requirements or otherwise substantially degrade surface water quality. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including EBMUD Standard Construction Specification 01 35 44, Environmental Requirements, Section 1.3.A, Stormwater Pollution Prevention Plan, which requires the contractor to prepare a SWPPP that would prevent the discharge of contaminated stormwater runoff from the Project site through controls. With implementation of EBMUD Standard Construction Specifications, impacts related to the release of contaminated stormwater runoff during construction would be less than significant.

Once construction is complete, there are no potable water discharges planned from the Project site. Roadways will be repaved to their pre-construction condition, the Project site will experience an increase in impervious area due to the new PP roof, paved parking and maintenance areas, and removal of existing trees. However, the Project would incorporate Provision C.3 in the MRP for Contra Costa County by utilizing gravel paved areas, stormwater bioretention basins, and landscaped planting. As a result, the impervious area onsite will be minimized and stormwater runoff from the Project site is expected to be less than existing conditions as most of it is designed to flow into the stormwater bioretention basins, landscaped areas, and paved gravel areas on site. The Project site would also be maintained in a manner that keeps it clean and free of trash and other debris. Therefore, impacts on water quality standards or waste discharge during Project operation would be less than significant.

4.4.10.2. Impact Hydrology and Water Quality b): Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

Findings

EBMUD hereby finds that impacts would be less than significant (see MND page 3-64).

Facts in Support of Findings

Construction of the Project would not require significant excavation dewatering and therefore construction impacts to groundwater supplies would be less than significant.

After construction, stormwater runoff from the Project site would be reduced with implementation of Provision C.3 in the MRP for Contra Costa County. Stormwater runoff from the impervious surfaces will be directed to the stormwater detention

basins, landscaped areas, and paved gravel areas to the fullest extent possible to maximize stormwater treatment and stormwater recharge of soils. Any remaining runoff that is not captured by the stormwater treatment facilities would sheet flow over the driveway and/or sidewalk similar to existing conditions. Therefore, operational impacts on groundwater supplies of the Project would be less than significant.

4.4.10.3. *Impact Hydrology and Water Quality c) i) through iv): Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would: i) Result in substantial erosion or siltation on- or off-site; ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site; iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or iv) impede or redirect flood flows?*

Findings

EBMUD hereby finds that impacts would be less than significant (see MND pages 3-64 to 3-66).

Facts in Support of Findings

Construction activities for the Project would involve minor alterations to the drainage patterns at the Project site after excavation, grading, site paving and construction of the new building. At the Project site and during the pipeline work, accidental release of hazardous materials such as oil, grease, or fuel during construction could potentially degrade surface water quality. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including EBMUD Standard Construction Specification 01 35 44, Environmental Requirements, Section 1.1.B, Site Activities, Section 1.3.A, Stormwater Pollution Prevention Plan, Section 1.3.B, Water Control and Disposal Plan, and Section 1.3.D, Spill Prevention and Response Plan, which would ensure construction debris does not pollute the storm drains or surface waters, the Project's SWPPP would limit delivery of silt and sediment and the Water Control and Disposal Plan would require controls regarding liquid discharges from the Project site to prevent erosion, scouring of bank, nuisance, contamination, and excess sedimentation into receiving waters. With implementation of EBMUD Standard Construction Specifications, impacts related to substantially altering the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces during construction would be less than significant.

The Project will remove the drain inlet on the south side of the Project site and redirect runoff to onsite stormwater treatment facilities, including bioretention basins and landscaped areas, which will be installed as part of Provision C.3. Any excess runoff that is not captured will sheet flow across the northern driveway and/or sidewalk similar to existing condition. Although the Project would create approximately 780 square feet of new impervious area due to the new PP roof, paved parking and maintenance areas, and removal of existing trees, implementation of Provision C.3 will increase infiltration and evapotranspiration, resulting in a decrease in surface runoff contributions. Also, long-term operations at the new PP site will not include long-term storage of potential pollutants. Therefore, operation of the Project will not create or contribute runoff water which would a) result in substantial erosion or siltation on or off site, b) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on site or off site, c) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff, or d) impede or redirect flood flows, resulting in less than significant impacts.

Along the new storm drain pipeline alignment and at the new and replacement air valve sites, the areas disturbed will be paved again resulting in no net change to drainage patterns and therefore there would be no impact during construction or operation.

4.4.10.4. Impact Hydrology and Water Quality d): In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?

Findings

EBMUD hereby finds that impacts from the risk of release of pollutants would be less than significant (see MND pages 3-66 to 3-67).

Facts in Support of Findings

The Project site, new storm drain pipeline alignment, and new and replacement air valves are located sufficiently inland to be out of what would be considered a potential hazard area for seiches, tsunamis, and sea level rise; therefore, there would be no Project impact.

The Project site and new storm drain pipeline alignment are not located in flood hazard zones, as mapped by the FEMA Flood Map Service Center, although several reservoirs are located upstream of the Project site including the San Pablo and Briones Reservoirs. However, the dams on these reservoirs are under the jurisdiction of the Division of Safety of Dams (DSOD), which imposes strict standards for the design, maintenance, and monitoring of its facilities. A seismic upgrade of the dam at San Pablo Dam Reservoir was recently completed to increase its stability and minimize the potential for liquefaction to cause any slump or failure of the embankment. DSOD requirements for siting, engineering, construction, and

monitoring of dams are continually improved as knowledge increases as to how and why dams fail. Therefore, the potential for catastrophic failure of either dam would be considered low and any subsequent potential impacts would be considered less than significant. Given the unlikely nature of dam failure and the regulatory oversight by DSOD, the impact of flooding as a result of the failure of a dam or levee is considered to be less than significant.

4.4.10.5. Impact Hydrology and Water Quality e): Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

Findings

EBMUD hereby finds that impacts would be less than significant (see MND page 3-67).

Facts in Support of Findings

Construction-related activities involving soil disturbance, such as grading, excavation, cut and fill, stockpiling of soils, and dewatering, could result in erosion, siltation, and/or delivery of sediments to surface waters. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including EBMUD Standard Construction Specifications Section 01 35 44, Environmental Requirements, Section 1.3.A, Stormwater Pollution Prevention Plan, which requires the contractor to prepare a SWPPP that would prevent the discharge of contaminated stormwater runoff from the Project site through controls such as such as dechlorination tablets, rock filter bags and drain inlet protection. With implementation of EBMUD's Standard Construction Specifications, construction of the Project would not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan resulting in a less than significant impact.

Once construction is complete, the Project would incorporate Provision C.3 in the MRP for Contra Costa County by directing stormwater runoff from the impervious surfaces to the stormwater detention basins, landscaped areas, and paved gravel areas onsite to the fullest extent possible to maximize stormwater treatment and stormwater recharge of soils. Thus, the Project would be consistent with the San Francisco Bay Region's Water Quality Control Plan and East Bay Plain Subbasin Sustainable Groundwater Management Plan objectives. Therefore, operation of the Project would not conflict with or obstruct implementation of a Water Quality Control Plan or Sustainable Groundwater Management Plan, and impacts would be less than significant.

4.4.11. Land Use and Planning

4.4.11.1. *Impact Land Use and Planning a): Physically divide an established community?*

Findings

EBMUD hereby finds that there would be no impact (see MND page 3-69).

Facts in Support of Findings

The Project would not physically divide an established community because construction of the new PP would be completed on a developed site owned by EBMUD and occupied by existing EBMUD facilities and a leased parking area also owned by EBMUD as detailed in the Project Description, the new storm drain pipeline construction would be completed underneath existing roadways, and the air valves construction is considered minor and routine work completed on existing roadways.

4.4.11.2. *Impact Land Use and Planning b): Cause a significant impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?*

Findings

EBMUD hereby finds that impacts would be less than significant (see MND pages 3-69 to 3-70).

Facts in Support of Findings

The Project would occupy a parking area that is owned by EBMUD and leased to Kona Apartments. The leased parking area was not shown in the original site plan for Kona Apartments when it was approved in 1971, and there are no documents tying the leased parking to the Kona Apartments, so converting this area to a different use would not create a zoning violation. The Project would require an encroachment permit for construction within city streets and sidewalks, pursuant to Section 12.08.440 of the San Pablo Municipal Code. Pursuant to California Government Code Section 53091(e), county and city zoning ordinances do not apply to the location or construction of facilities for the transmission of water. The MND does, however, consider resource policies in the zoning ordinances and general plans for the City in corresponding MND sections (e.g., Noise, Biological Resources). The new PP would replace an existing portable facility and improve water supply reliability for existing and projected future customer demands enabling EBMUD to maintain a high level of service in the area, consistent with City of San Pablo's General Plan Policy LU-G-1. All above-ground facilities would be located on the Project site and would be consistent with the existing use of the site. The proposed facilities would not result in

changes to land uses in the Project area, and therefore would be compatible with existing uses, consistent with City of San Pablo's General Plan Policy LU-G-2. For these reasons, and through adherence to the provisions of the municipal code, the Project would not obviously conflict with applicable land use policies and regulation, therefore the impact is considered to be less than significant.

4.4.12. Mineral Resources

4.4.12.1. *Impact Mineral Resources a) and b): a) Potential to result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan. b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?*

Findings

EBMUD hereby finds that there would be no impact (see MND page 3-71).

Facts in Support of Findings

The Project is located in an urban/suburban environment. There are no mineral resources within the Project area. Therefore, there would be no impact to mineral resources during construction and operation.

4.4.13. Noise

4.4.13.1. *Impact Noise a): Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?*

Findings

EBMUD hereby finds that impacts would be less than significant (see MND pages 3-72 to 3-83).

Facts in Support of Findings

Construction noise would be generated during construction activities associated with the Project, including construction of the new PP and storm drain pipeline. The Federal Highway Administration (FHWA) Roadway Construction Noise Model (RCNM) was used to estimate the noise levels at the closest noise-sensitive receptors during each project sub-phase. As summarized in the MND on pages 3-79 through 3-83, several construction activities conducted during daytime hours would increase noise levels in the Project vicinity. However, construction of the Project would not

occur at night or on weekends or holidays when nearby residents are anticipated to be most sensitive to noise. As such, the impact of construction noise on residential receptors would be less than significant. Construction noise levels of the new PP would be similar to existing traffic noise and would not substantially raise noise levels at the school administrative or instructional buildings. Construction of the storm drain pipeline would increase noise levels at the school; however, these construction activities are scheduled to occur during the summer when school is not in session and the majority of school staff and students are not on campus. As such, summer construction is not anticipated to affect students or classroom learning. Furthermore, construction of the Project would occur during the allowable construction noise hours established by the San Pablo General Plan and San Pablo Municipal Code. The impact from construction noise on the school would be less than significant.

As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, would be incorporated into the Project, including Section 1.3, Submittals, and Section 3.7, Noise Control, of EBMUD Standard Construction Specification 01 35 44, Environmental Requirements, Section 1.7, Construction Noise, of EBMUD Standard Construction Specification 01 14 00, Work Restrictions, and EBMUD's Procedure 600, Public Outreach and Community Relations, which includes required use of equipment mufflers or similar source controls, and required use of noise control blankets or noise barriers; the preparation and implementation of a Noise Control and Monitoring Plan that would define the means and methods for controlling and monitoring noise to reduce construction noise for the Project; requires EBMUD and its Contractor to notify residents within 300 feet of Project construction in advance of extreme noise-generating activity, thereby allowing residents to plan for construction activities and elevated noise levels; limits extreme noise-generating construction (i.e., greater than 90 dBA) to the hours of 8:00 a.m. to 4:00 p.m. to avoid the evening, nighttime, and early morning hours when people are most sensitive to noise; and would designate a Public Affairs liaison to respond to construction-related concerns, including noise levels, from the community and requires notification of residents 7 to 14 days in advance of potentially disruptive construction activities including geographical extent of activity and estimated duration of the activity. With implementation of EBMUD's Standard Construction Specifications and Procedures, EBMUD would implement all feasible noise control requirements to reduce demolition and construction noise levels, and therefore construction impacts would be less than significant.

After construction is complete, the new PP would include four 300-horsepower variable frequency drive pumps, located inside a new building and an outdoor electrical transformer, both of which would generate operational noise. Only three of the four pumps are expected to be operated at any given time (one unit is a standby). The simultaneous operation of three pumps would result in a total noise level of approximately 57.8 dBA at a distance of 50 feet from the building on the side with an open (non-acoustically rated) louver, and approximately 27.8 dBA L_{eq} at a distance of 50 feet on the side of the building without any openings. The minimal noise generated

by operation of the new PP would be offset by the existing ambient noise levels and would not increase noise levels above noise limits set forth by the San Pablo General Plan or the San Pablo Zoning Ordinance. The noise impact from operation of the PP would be less than significant.

4.4.13.2. *Impact Noise b): Generation of excessive groundborne vibration or groundborne noise levels?*

Findings

EBMUD hereby finds that impacts would be less than significant (see MND pages 3-83 to 3-86).

Facts in Support of Findings

Construction activities often generate perceptible vibration and levels that could affect nearby structures when heavy equipment or impact tools (e.g., jackhammers, hoe rams) are used in the vicinity of nearby sensitive land uses. The City of San Pablo does not establish a vibration limit for construction. Potential construction-related vibration impacts at structures near each Project site area were analyzed using Caltrans recommended limits where a significant impact would occur if the groundborne vibration levels from construction exceed 0.25 in/sec peak particle velocity (PPV) at historic structures and/or 0.5 in/sec PPV at new residential or modern commercial/industrial structures. There are no historic structures located within or adjacent to the Project sites subject to the 0.25 in/sec PPV construction vibration threshold. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, would be incorporated as part of the Project, including Section 1.3.H, Vibration Control and Monitoring Plan, and Section 3.6, Vibration Control, of EBMUD Standard Construction Specification 01 35 44, Environmental Requirements, which require preparing and implementing a Vibration Control and Monitoring Plan and limiting surface vibration to no more than 0.5 in/sec PPV. Because there are no historic structures located within or adjacent to the Project sites and with implementation of EBMUD Standard Construction Specifications, vibration impacts during construction would result in a less than significant impact.

Operational equipment is not anticipated to generate perceptible levels of vibration off-site, resulting in a less than significant impact.

4.4.13.3. *Impact Noise c): For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?*

Findings

EBMUD hereby finds that there would be no impact (see MND page 3-86).

Facts in Support of Findings

The Project is not located within the vicinity of a private airstrip or a public airport and would not expose people residing or working in the Project area to excessive aircraft noise levels, resulting in no impact during construction or operation.

4.4.14. *Population and Housing*

4.4.14.1. *Impact Population and Housing a): Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?*

Findings

EBMUD hereby finds that there would be no impact related to inducing unplanned population growth (see MND page 3-88).

Facts in Support of Findings

The Project would not induce population growth by making additional water supply available for new development. The Project replaces existing facilities to improve operational flexibility and reliability of the existing water distribution system for existing customers. The existing customers within the area served by the Project, and any future customers in that area that would benefit from the Project, are all within EBMUD’s Ultimate Service Boundary, which is a defined service and growth boundary adopted by EBMUD for planning purposes. Therefore, Project construction and operation are not extending service for growth into a new area or creating momentum for new development within the existing area.

4.4.14.2. *Impact Population and Housing b): Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?*

Findings

EBMUD hereby finds that there would be no impact (see MND page 3-88).

Facts in Support of Findings

No housing presently exists at the Project sites; therefore, the proposed Project would not displace people or housing during construction or operation.

4.4.15. *Public Services*

4.4.15.1. *Impact Public Services a) i) through v): Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services: i) fire protection, ii) police protection, iii) schools, iv) parks, and v) other public facilities?*

Findings

EBMUD hereby finds that there would be no impact (see MND page 3-89).

Facts in Support of Findings

The Project replaces an existing portable pumping plant and constructs new storm drain pipeline and air valves. The Project would not generate a need for any new public facilities (schools, fire and/or police protection, parks, etc.), because it does not induce population and employment growth. Workers at the Project sites are likely to commute from the existing Bay Area labor supply. Any deterioration of existing public facilities resulting from construction (e.g., streets) would be restored by EBMUD to preconstruction condition upon completion of construction. There would be no impacts associated with new or physically altered governmental facilities.

4.4.16. Recreation

4.4.16.1. Impact Recreation a): *Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?*

Findings

EBMUD hereby finds that there would be no impact (see MND page 3-90).

Facts in Support of Findings

The Project would not generate or attract additional population, as would be associated with residential, commercial or industrial uses. Therefore, there would be no impact on the demand for recreational facilities during construction or operation.

4.4.16.2. Impact Recreation b): *Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?*

Findings

EBMUD hereby finds that there would be no impact (see MND page 3-90).

Facts in Support of Findings

The project consists exclusively of water distribution system facilities and does not require the construction or expansion of recreational facilities. Therefore, there would be no impact to the environment from the construction or expansion of recreational facilities during construction or operation of the Project.

4.4.17. Transportation

4.4.17.1. Impact Transportation b): *Conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision(b)?*

Findings

EBMUD hereby finds that impacts would be less than significant (see MND pages 3-106 to 3-107).

Facts in Support of Findings

Construction of the Project would on average generate 26 daily worker and truck trips at the Project site. The construction phase of the Project satisfies the “Small Projects” screening criteria as construction would generate the equivalent of fewer than 20 residential units. Furthermore, once constructed, the Project would generate approximately two trips per month, similar to existing conditions and operation of the existing equipment at the Project site. Therefore, the Project would not conflict with or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b), and impacts would be less than significant.

4.4.17.2. Impact Transportation/Traffic c): Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

Findings

EBMUD hereby finds that impacts would be less than significant (see MND pages 3-107 to 3-108).

Facts in Support of Findings

Construction of the Project would not modify the geometric design features of any publicly accessible roadway. An increase in hazards due to presence of construction equipment within roadways could occur during the storm drain installation on Road 20. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including Section 2.1, Traffic Control Devices, of EBMUD Standard Construction Specification 01 55 26, Traffic Regulation, which requires implementation of a Traffic Control Plan that includes, but is not limited to, the use of various traffic control requirements that reduce potential for traffic hazards. With implementation of EBMUD Standard Construction Specifications, the construction impact associated with hazards due to a geometric design feature would be less than significant.

All roadways and sidewalks would be restored after construction is complete. No impact would occur during operation.

4.4.17.3. Impact Transportation/Traffic d): Result in inadequate emergency access?

Findings

EBMUD hereby finds that impacts to emergency access would be less than significant (see MND page 3-108).

Facts in Support of Findings

EBMUD would maintain adequate street width to maintain two-way traffic flow on Road 20, with the exception of the short transition to El Portal Drive. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including Section 1.2, Submittals, and Section 3.0, Execution, of EBMUD Standard Construction Specification 01 55 26, Traffic Regulation, which require implementation of a Traffic Control Plan that includes the development of an emergency vehicle access plan that would require a contingency plan for immediate emergency response vehicle access for streets with full road closures. With implementation of EBMUD Standard Construction Specifications, impacts related to emergency vehicle access on any roadway impacted by the Project would be less than significant during construction.

All roadways and sidewalks would be restored to pre-Project conditions after construction is complete. No impact would occur during operation.

4.4.18. Tribal Cultural Resources

4.4.18.1. Impact Tribal Cultural Resources a) i): Would the Project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is: i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k).

Findings

EBMUD hereby finds that there would be no impact (see MND pages 3-110 to 3-111).

Facts in Support of Findings

No tribal cultural resources that are listed, or eligible for listing in the California Register of Historical Resources are known within the Project area. As a result, there is no impact.

4.4.19. Utilities and Service Systems

4.4.19.1. *Impact Utilities and Service Systems a): Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?*

Findings

EBMUD hereby finds that there would be no impact (see MND pages 3-114 to 3-115).

Facts in Support of Findings

The Project would not include or require new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunication facilities. Therefore, there would be no impact associated with relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunication facilities during construction or operation.

4.4.19.2. *Impact Utilities and Service Systems b): Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?*

Findings

EBMUD hereby finds that there would be no impact (see MND page 3-115).

Facts in Support of Findings

The Project would not require additional water supplies; rather, the Project would ensure continuation of existing water supplies for existing and reasonably foreseeable future development demands during normal, dry and multiple dry years by replacing existing aging infrastructure, improving reliability and providing redundancy, as needed. Therefore, there would be no impact during construction or operation.

4.4.19.3. *Impact Utilities and Service Systems c): Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?*

Findings

EBMUD hereby finds that there would be no impact (see MND page 3-115).

Facts in Support of Findings

The Project would not generate long-term wastewater outputs, as the Project replaces facilities within a closed, potable water distribution system. Therefore, there would be no impact during construction or operation.

4.4.19.4. *Impact Utilities and Service Systems d) and e): d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals? e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?*

Findings

EBMUD hereby finds that solid waste impacts would be less than significant (see MND pages 3-115 to 3-116).

Facts in Support of Findings

The Project would generate construction debris from construction of the new PP and pipeline trenching and excavation of in-place soils. Construction debris would only be generated during construction and the impact would therefore be temporary. Soils and any solid waste encountered during demolition, construction, and trenching and excavations would be disposed of at an appropriate landfill. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project, including Section 1.3.C, Construction and Demolition Waste Disposal Plan, of EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements, which includes provisions for identifying disposal methods for soil, reusing or recycling construction debris, and the approved disposal site. With implementation of EBMUD's Standard Construction Specifications, construction impacts from generating solid waste would be less than significant.

The Project would not generate long-term solid waste outputs, as the Project upgrades and replaces facilities within a closed, potable water distribution system. Therefore, operational impacts from generating solid waste would be less than significant.

4.4.20. Wildfire

4.4.20.1. *Impact Wildfire a): Substantially impair an adopted emergency response plan or emergency evacuation plan?*

Findings

EBMUD hereby finds that impacts would be less than significant (see MND pages 3-117 to 3-118).

Facts in Support of Findings

The San Pablo Emergency Operation Manual, adopted in 1999, outlines the city's response to different types of disaster situations including seismic hazards, extreme weather conditions, and flooding. Construction of the new storm drain pipeline could require partial closure of roadways, which could impede emergency access during these closures. As summarized in Exhibit C, a number of EBMUD standard practices and procedures, applicable to all EBMUD projects, have been incorporated into the Project including Section 1.2, Submittals, of EBMUD Standard Construction Specification 01 55 26, Traffic Regulation, which requires the preparation and submittal of a Traffic Control Plan that includes a description of contingency plans for emergency response vehicle access. With implementation of EBMUD's Standard Construction Specifications, construction impacts to an adopted emergency response plan or emergency evacuation plan during construction would be less than significant.

Operation of the new PP, storm drain pipeline, and air valves would not require lane or road closures and would not impair or physically interface with an adopted emergency response plan or emergency evacuation plan. No impacts to emergency response or evacuation plans from operation of the Project would occur.

4.4.20.2. *Impact Wildfire b): Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?*

Findings

EBMUD hereby finds that there would be no impact (see MND page 3-118).

Facts in Support of Findings

The proposed Project does not include any new facilities or structures that would be occupied. Therefore, there would be no impact of the Project that would expose Project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire during construction or operation.

4.4.20.3. *Impact Wildfire c) and d): c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment? D) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?*

Findings

EBMUD hereby finds that there would be no impact (see MND page 3-118).

Facts in Support of Findings

Although the Project does contain construction of new infrastructure including the new PP structure and the underground pipeline, the new infrastructure would be located completely in urban/suburban areas and would not be located within a mapped landslide area. Therefore, there is no impact from the Project due to the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment or expose people or structures to post-wildfire risks including flooding, landslides, slope instability or drainage changes.

4.4.21. *Mandatory Findings of Significance*

4.4.21.1. *Impact Mandatory Findings of Significance b): Does the project have impacts that are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?*

Findings

EBMUD hereby finds that cumulative impacts would be less than significant (see MND pages 3-120 to 3-121).

Facts in Support of Findings

For any impacts to act cumulatively on any past, present, or any reasonably foreseeable projects, these projects would have to have individual impacts in the same resource areas at the same time and in the same localized area as the proposed Project. A review of projects near the Project sites found projects that are scheduled to be completed before Project construction is expected to begin in 2026, and a project that is tentatively scheduled to begin in 2035. Because there are no projects

occurring within the vicinity at the same time as the proposed Project, and because the Project's individual impacts would be reduced with implementation of mitigation measures, Project impacts potential to be cumulatively considerable are less than significant.

5. Findings Related to Potential Growth Inducing Impacts

The Project replaces existing facilities to improve operational flexibility and reliability of the existing water distribution system for existing customers. The existing customers within the area served by the Project, and any future customers in that area that would benefit from the Project, are all within EBMUD's Ultimate Service Boundary, which is a defined service and growth boundary adopted by EBMUD for planning purposes. Therefore, the Project is not extending service for growth into a new area or creating momentum for new development within the existing area and would not induce or otherwise serve as an impetus for growth in the area served by the new Wildcat PP.

6. Findings Related to MND Recirculation and EIR Preparation

CEQA Guidelines section 15073.5 requires an MND to be recirculated if substantial revisions are made to the document after the public is notified of the document's availability, but prior to its adoption. Pursuant to section 15073.5(b), revisions to an MND are only considered to be "substantial revisions" if they identify a new, avoidable significant effect which can only be addressed by the addition of new mitigation measures or project revisions, or if they reflect a determination by the lead agency that the mitigation measures and project revisions proposed in the MND will not reduce the project's potential effects to less than significant levels, such that new mitigation measures or project revisions are necessary. The Board hereby finds that revisions to the MND made following circulation of the Draft MND for public review, and as reflected in the Final MND, do not constitute "substantial revisions," and therefore MND recirculation is not required. The MND revisions contained in the Final MND do not identify the need for new project revisions or mitigation measures, and the Final MND demonstrates that all Project impacts will be mitigated to less-than-significant levels. As demonstrated by the responses to comments included in the Final MND, revisions made since publication of the Draft MND merely reflect the addition of information designed to clarify, amplify, and/or make insignificant modifications of the MND. As such, the Board finds that MND recirculation is not required.

Consistent with section 15073.5(d) and as reflected in the MND, the Board further finds that based upon the whole record, there is no evidence that the Project may cause significant environmental impacts that cannot be mitigated or avoided. As such, EBMUD is not required to prepare an EIR for the Project.

7. Findings Related to Project Approval

Based upon the whole record, the Board hereby finds and declares that the Project is approved.

EXHIBIT B
MITIGATION MONITORING AND REPORTING PROGRAM

Exhibit B lists all impact areas identified in the MND with significant or potentially significant impacts along with the proposed mitigation measures required to reduce impacts to less than significant levels.

Impact Area	Mitigation Measure	Responsible for Implementation	Responsible for Monitoring and/or Enforcement	Timing of Implementation
Transportation				
Impact Transportation a): Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities.	Mitigation Measure TRA-1: Road 20 Crosswalk Access. Construction of the off-site storm drain installation along Road 20 shall be phased such that at least one crosswalk on Road 20 at Abella Circle adjacent to Walter T. Helms Middle School is accessible at any given time. Pedestrian access plans shall be reviewed and approved by the City of San Pablo prior to construction and included in the Project's Traffic Control Plan.	EBMUD and EBMUD's Construction Contractor	EBMUD	Prior to and during construction
	Mitigation Measure TRA-2: Temporary Road 20 Centerline Adjustment and Line 76 Rerouting. EBMUD shall coordinate with the City of San Pablo to the extent feasible for the temporary adjustment of the centerline on Road 20 at the signalized intersection with El Portal Drive during the closure of the Road 20-El Portal Drive through-connection to provide adequate space for transit vehicles traveling eastbound on Road 20 to turn right onto El Portal Drive and for transit vehicles traveling northbound on El Portal Drive to turn left onto Road 20. EBMUD shall coordinate with AC Transit for the temporary rerouting of eastbound Line 76 during the closure of the Road 20-El Portal Drive through-connection. Centerline adjustment and transit rerouting plans shall be reviewed and approved by the City of San Pablo and reviewed by AC Transit prior to construction and included in the Project's Traffic Control Plan.	EBMUD and EBMUD's Construction Contractor	EBMUD	Prior to and during construction
	Mitigation Measure TRA-3: Road 20 Temporary Bus Stop Relocation. EBMUD shall coordinate with AC Transit and the City of San Pablo, to the extent feasible, to temporarily relocate the eastbound bus stop on the east side of the Road 20/Abella Circle intersection as needed while construction occurs on the roadway segment that includes the existing bus stop. Any parking obstruction, sidewalk obstruction, travel lane obstruction, or other accommodation required for the temporary bus stop shall be reviewed and approved by the City of San Pablo and reviewed by AC Transit prior to construction and included in the Project's Traffic Control Plan.	EBMUD and EBMUD's Construction Contractor	EBMUD	Prior to and during construction
	Mitigation Measure TRA-4: Construction Truck Travel Restriction. EBMUD shall coordinate with Walter T. Helms Middle School to restrict construction truck traffic (e.g., material delivery and haul trucks) during the 30 minutes immediately preceding and 30 minutes immediately following the morning and afternoon bell times when school is in regular session, as well as around other major events (e.g., sporting events, parent-teacher conferences) that would bring a substantial number of people to campus. Bell times and other major events affecting the period of construction truck travel shall be documented in the Project's Traffic Control Plan.	EBMUD and EBMUD's Construction Contractor	EBMUD	Prior to and during construction
Cultural Resources				
Impact Cultural Resources b): Cause a substantial adverse change in the significance of an	CR-1: Periodic Archaeological Inspections and Construction Monitoring. During ground-disturbing phases of Project construction (initial excavation and grading, suction and discharge pipeline construction, on-site drainage construction, and Road 20 storm drain pipeline installation), a Native American monitor and a qualified archaeologist shall visit the site two times per week to inspect unexcavated sediments and soils (i.e., intact	EBMUD and EBMUD's Construction Contractor	EBMUD	For the duration of ground-disturbing phases of Project construction

Impact Area	Mitigation Measure	Responsible for Implementation	Responsible for Monitoring and/or Enforcement	Timing of Implementation
archaeological resource pursuant to § 15064.5.	<p>soils along trench walls and excavations) for any sign of potential archaeological deposits. If the Native American monitor and archaeologist have observed excavation to a final depth in sufficient areas to adequately characterize the Project site and the underlying sediments appear disturbed or other evidence to suggest that archaeological deposits are highly unlikely, the Native American monitor and qualified archaeologist may cease bi-weekly inspections, in consultation with EBMUD.</p> <p>If during bi-weekly inspections the Native American monitor and archaeologist identify sensitive intact sediments that are likely to contain archaeological deposits, ground-disturbing activities shall be halted, and the qualified archaeologist shall develop an appropriate Archaeological Monitoring Plan in consultation with the Native American monitor and EBMUD. Depending on the type and condition of the sediments, the Archaeological Monitoring Plan may include, but not be limited to, increased frequency of periodic archaeological inspections, full-time archaeological construction monitoring, or presence/absence testing in areas of heightened archaeological sensitivity. The Archaeological Monitoring Plan shall detail the methods, schedule, and thresholds for returning to bi-weekly archaeological inspections.</p>			
Impact Cultural Resources c): Disturb any human remains, including those interred outside of formal cemeteries.	CR-1: Periodic Archaeological Inspections and Construction Monitoring. (Details as listed under Impact Air Quality b))	EBMUD and EBMUD's Construction Contractor	EBMUD	For the duration of ground-disturbing phases of Project construction
Tribal Cultural Resources				
Impact Tribal Cultural Resources a): ii. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe	CR-1: Periodic Archaeological Inspections and Construction Monitoring. (Details as listed under Impact Air Quality b))	EBMUD and EBMUD's Construction Contractor	EBMUD	For the duration of ground-disturbing phases of Project construction

EXHIBIT C
EBMUD PRACTICES AND PROCEDURES MONITORING AND REPORTING PLAN

Exhibit C lists all applicable requirements from EBMUD's Standard Construction Specifications, Procedures, Pumping Plant Design Guide, and Engineering Standard Practices (EBMUD Practices and Procedures) that have been incorporated into the Project. These EBMUD Practices and Procedures are standardized practices and procedures applicable to all EBMUD projects, are not tailored to address specific impacts of the Project, reflect generally applicable EBMUD standard operating procedures, and as such have been properly incorporated into the project itself rather than being imposed as mitigation measures. Nonetheless, to ensure their implementation and to streamline monitoring thereof, EBMUD adopted the PPMRP set forth in Exhibit C.

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
Aesthetics				
Aesthetics d): Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area.	EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 3.4, Lighting Used During Nighttime Work</i> A. Ensure that temporary stationary lighting used during nighttime construction is only used when needed. All lighting used for nighttime construction shall be designed, installed, and operated to minimize glare that affects traffic near the work zone or that causes annoyance or discomfort for residences near the work zone. Lighting fixtures shall be located and aimed to provide the required level of illumination and uniformity in the work zone without the creation of unnecessary glare.	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction
Air Quality				
Air Quality a): Conflict with or obstruct implementation of the applicable air quality plan.	EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.3.E, Dust Control and Monitoring Plan</i> 1. Submit a plan detailing the means and methods for controlling and monitoring dust generated by demolition and other work on the site for the Engineer's acceptance prior to any work at the jobsite. The plan shall comply with all applicable regulations including but not limited to the Bay Area Air Quality Management District (BAAQMD) visible emissions regulation and Public Nuisance Rule. The plan shall include items such as mitigation measures to control fugitive dust emissions generated by construction activities. The Plan shall outline best management practices for preventing dust emissions, provide guidelines for training of employees, and procedures to be used during operations and maintenance activities. The plan shall also include measures for the control of paint overspray generated during the painting of exterior surfaces. The plan shall detail the equipment and methods used to monitor compliance with the plan. The handling and disposal of water used in compliance with the Dust Control Plan shall be addressed in the Water Control and Disposal Plan. 2. Containment, as described in Article 3.3, shall be utilized during any abrasive blasting of the exterior of structures. <i>Section 3.3., Dust Control and Monitoring</i> B. <i>Dust Control</i> 1. Contractor shall implement all necessary dust control measures, including but not limited to the following: a. All exposed surfaces with the potential of dust-generating shall be watered at least twice daily, or be covered with coarse rock, or as directed by the Engineer to reduce the potential for airborne dust from leaving the site. b. The simultaneous occurrence of more than two ground disturbing construction phases on the same area at any one time shall be limited. Activities shall be	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
	<p>phased to reduce the amount of disturbed surfaces at any one time, as appropriate.</p> <ul style="list-style-type: none"> c. Cover all haul trucks entering/leaving the site and trim their loads as necessary. d. Using wet power vacuum street sweepers to: <ul style="list-style-type: none"> 1) <i>Sweep all paved access road, parking areas and staging areas at the construction site daily or as often as necessary.</i> 2) <i>Sweep public roads adjacent to the site at least twice daily or as often as necessary.</i> e. The use of dry power sweeping is prohibited. f. All trucks and equipment, including their tires, shall be washed off prior to leaving the site. g. Gravel or apply non-toxic soil stabilizers on all unpaved access roads, parking areas and staging areas at construction sites. h. Water and/or cover soil stockpiles daily. i. Site accesses to a distance of 100 feet from the paved road shall be treated with 12-inches layer of compacted coarse rock. j. Sandbags or other erosion control measures shall be installed to prevent silt runoff to public roadways from sites with a slope greater than one percent. k. All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. l. Building pads shall be laid as soon as possible after grading. m. Vegetative ground cover (e.g., fast-germinating native grass seed) shall be planted in disturbed areas as soon as possible and watered appropriately until vegetation is established. n. Wind breaks (e.g., fences) shall be installed on the windward sides(s) of actively disturbed areas of construction. Wind breaks should have a maximum 50 percent air porosity. o. All vehicle speeds shall be limited to fifteen (15) mph or less on the construction site and any adjacent unpaved roads. <p>C. Dust Monitoring During Demolition and Construction</p> <ul style="list-style-type: none"> 1. Provide air monitoring per the Dust Control and Monitoring Plan along the perimeter of the job site. A minimum of 4 stations, one on each side of the District property, shall be established, capable of continuous measurement of total particulate concentration when any dust generating activity is occurring. <ul style="list-style-type: none"> a. Ringelmann No. 1 Limitation: Contractor shall not emit from any source for a period or periods aggregating more than three minutes in any hour, a visible emission which is as dark or darker than No. 1 on the Ringelmann Chart, or of such opacity as to obscure an observer's view to an equivalent or greater degree. 			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
	<ul style="list-style-type: none"> b. Opacity Limitation: Contractor shall not emit from any source for a period or periods aggregating more than three minutes in an hour an emission equal to or greater than 20% opacity as perceived by an opacity sensing device, where such device is required by Air Quality Management District regulations. c. All environmental and personal air sampling equipment shall be in conformance with the Association of Industrial Hygiene and National Institute of Safety and Health (NIOSH) standards. d. All analysis shall be completed by a California Department of Health Services certified laboratory for the specific parameters of interest. e. The Contractor shall provide to the Engineer, within 72 hours of sampling all test results. <p>D. The dust control system shall comply with the Dust Control and Monitoring Plan, the requirements of this section, and any applicable laws and regulations</p> <p><i>Section 3.5., Emissions Control</i></p> <p>A. Air Quality and Emissions Control</p> <ul style="list-style-type: none"> 1. The Contractor shall ensure that line power is used instead of diesel generators at all construction sites where line power is available. 2. The Contractor shall ensure that for operation of any stationary, compression-ignition engines as part of construction, comply with Section 93115, Title 17, California Code of Regulations, Airborne Toxic Control Measure (ATCM) for Stationary Compression Ignition Engines, which specifies fuel and fuel additive requirements as well as emission standards. 3. Fixed temporary sources of air emissions (such as portable pumps, compressors, generators, etc.) shall be electrically powered unless the Contractor submits documentation and receives approval from the Engineer that the use of such equipment is not practical, feasible, or available. All portable engines and equipment units used as part of construction shall be properly registered with the California Air Resources Board or otherwise permitted by the appropriate local air district, as required. 4. Contractor shall implement standard air emissions controls such as: <ul style="list-style-type: none"> a. Minimize the use of diesel generators where possible. b. Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes as required by the California Airborne Toxics Control Measure Title 13, Section 2485 of California Code of Regulations. Clear signage shall be provided for construction workers at all access points. c. Follow applicable regulations for fuel, fuel additives, and emission standards for stationary, diesel-fueled engines. d. Locate generators at least 100 feet away from adjacent homes and ball fields. e. Perform regular low-emission tune-ups on all construction equipment, particularly haul trucks and earthwork equipment. 			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
	<p>5. Contractor shall implement the following measures to reduce greenhouse gas emissions from fuel combustion:</p> <ul style="list-style-type: none"> a. On road and off-road vehicle tire pressures shall be maintained to manufacturer specifications. Tires shall be checked and re-inflated at regular intervals. b. Construction equipment engines shall be maintained to manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation. c. All construction equipment, diesel trucks, and generators shall be equipped with Best Available Control Technology for emission reductions of Oxide of Nitrogen (NOx) and Particulate Matter (PM). d. Demolition debris shall be recycled for reuse to the extent feasible. See the Construction and Demolition Waste Disposal Plan paragraphs above for requirements on wood treated with preservatives. <p>B. Architectural Coatings</p> <ul style="list-style-type: none"> 1. Architectural coatings used shall comply with appropriate Volatile Organic Compound limits as established in the Bay Area Air Quality Management District's Regulation 8, Rule 3 and/or the San Joaquin Valley Air Pollution Control District's Regulation IV, Rule 4601, and any amendments thereto. 			
Air Quality b): Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard.	<p>EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 3.5.A, Air Quality and Emissions Control</i> (Details as listed under Impact Air Quality a) <i>Section 3.5.B, Architectural Coatings</i> (Details as listed under Impact Air Quality a)</p>	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction
Air Quality c): Expose sensitive receptors to substantial pollutant concentrations.	<p>EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 3.5.A, Air Quality and Emissions Control</i> (Details as listed under Impact Air Quality a)</p>	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction
Air Quality d): Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people.	<p>EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.3.1, Tune-up Logs</i></p> <ul style="list-style-type: none"> 1. The Contractor shall submit a log of required tune-ups for all construction equipment, particularly haul and delivery trucks, on a quarterly basis for review. <p><i>Section 3.5.A, Air Quality and Emissions Control</i> (Details as listed under Impact Air Quality a)</p>	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction
Biological Resources				

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Biological Resources a): Have a substantial adverse impact, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations or by the California Dept. of Fish & Game or U.S. Fish & Wildlife Service.</p>	<p>EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 3.9, Protection of Birds Protected Under the Migratory Bird Treaty Act and Roosting Bats</i></p> <p>A. The District will conduct biological reconnaissance in advance of construction and will conduct biologic monitoring during construction as necessary.</p> <p>B. Protected Species</p> <ol style="list-style-type: none"> 1. If protected species or suitable habitat for protected species is found during biological reconnaissance surveys: <ol style="list-style-type: none"> a. Before beginning construction, all Contractor construction personnel are required to attend an environmental training program provided by the District of up to one-day for site supervisors, foreman and project managers, and up to 30-minutes for non-supervisory contractor personnel. The training program will be completed in person or by watching a video at a District-designated location, conducted by a qualified biologist provided by the District. The program will discuss all sensitive habitats and sensitive species that may occur within the project work limits, including the responsibilities of Contractor's construction personnel, applicable mitigation measures, and notification requirements. The Contractor is responsible for ensuring that all workers requiring training are identified to the District. Prior to accessing or performing construction work, all Contractor personnel shall: <ol style="list-style-type: none"> 1) Sign a wallet card provided by the Engineer verifying that all Contractor construction personnel have attended the appropriate level of training relative to their position; have read and understood the contents of the environmental training; and shall comply with all project environmental requirements. 2) Display an environmental training hard hat decal (provided by the District after completion of the training) at all times. <ol style="list-style-type: none"> b. Birds Protected under the Migratory Bird Treaty Act (MBTA): <ol style="list-style-type: none"> 1) It is unlawful to pursue, hunt, take, capture, or kill any migratory bird without a permit issued by the U.S. Department of the Interior. 2) If construction commences between February 1 and August 31, during the nesting season, the District will conduct a preconstruction survey for nesting birds within 7 days prior to construction to ensure that no nest will be disturbed during construction. 3) If active nests of migratory bird species (listed in the MBTA) are found within the project site, or in areas subject to disturbance from construction activities, an avoidance buffer to avoid nest disturbance shall be constructed. The buffer size will be determined by the District in consultation with California Department of Fish and Wildlife (CDFW) and is based on the nest location, topography, cover and species' tolerance to disturbance. 	<p>EBMUD and EBMUD's Contractor</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
	<p>4) If an avoidance buffer is not achievable, a qualified biologist provided by the District will monitor the nest(s) to document that no take of the nest (nest failure) has occurred. Active nests shall not be taken or destroyed under the MBTA and, for raptors, under the CDFW Code. If it is determined that construction activity is resulting in nest disturbance, work should cease immediately, and the Contractor shall notify the Engineer who will consult with the qualified biologist and appropriate regulatory agencies.</p> <p>5) If preconstruction surveys indicate that nests are inactive or potential habitat is unoccupied during the construction period, no further action is required. Trees and shrubs within the construction footprint that have been determined to be unoccupied by special-status birds or that are located outside the avoidance buffer for active nests may be removed. Nests initiated during construction (while significant disturbance from construction activities persist) may be presumed to be unaffected, and only a minimal buffer, determined by District's biologist, would be necessary.</p>			
Cultural Resources				
<p>Cultural Resources b): Cause a substantial adverse change in the significance of a historical resource pursuant to § 15064.5?</p>	<p>EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 3.10, Protection of Cultural and Paleontological Resources</i></p> <p>A. Confidentiality of Information on Cultural and Paleontological Resources</p> <ol style="list-style-type: none"> 1. In conjunction with Contractor's performance under this contract, the Contractor may obtain information as to the location and/or nature of certain cultural or paleontological resources, including Native American artifacts and remains. This information may be provided to the Contractor by the District or a third party or may be discovered directly by the Contractor through its performance under the contract. All such information shall be considered "Confidential Information" for the purposes of this Article. 2. Pursuant to California Government Code Section 6254.10, cultural resource information is protected from public disclosure. The Contractor agrees that the Contractor, its subcontractors, and their respective agents and employees shall not publish or disclose any Confidential Information to any person, unless specifically authorized in advance, in writing by the Engineer. <p>B. Conform to the requirements of statutes as they relate to the protection and preservation of cultural and paleontological resources. Unauthorized collection of prehistoric or historic artifacts or fossils along the Work Area, or at Work facilities, is strictly prohibited.</p> <p>C. Before beginning construction, all Contractor construction personnel shall attend a cultural and paleontological resources training course provided by the District of up to two hours for site supervisors, foreman, project managers, and non-supervisory contractor personnel. The training program will be completed in person or by watching a video, at a District designated location, conducted by a qualified archaeologist and/or paleontologist provided by the District, or by District staff. The program will</p>	<p>EBMUD and EBMUD's Contractor</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
	<p>discuss cultural and paleontological resources awareness within the project work limits, including the responsibilities of Contractor's construction personnel, applicable mitigation measures, confidentiality, and notification requirements. The Contractor is responsible for ensuring that all workers requiring training are identified to the District. Prior to accessing the construction site, or performing site work, all Contractor personnel shall:</p> <ol style="list-style-type: none"> 1. Sign an attendance sheet provided by the Engineer verifying that all Contractor construction personnel have attended the appropriate level of training; have read and understood the contents of the training; have read and understood the contents of the "Confidentiality of Information on Cultural and Paleontological" and shall comply with all project environmental requirements. <p>D. In the event that potential cultural or paleontological resources are discovered at the site of construction, the following procedures shall be instituted:</p> <ol style="list-style-type: none"> 1. Discovery of prehistoric or historic-era archaeological resources requires that all construction activities shall immediately cease at the location of discovery and within 100 feet of the discovery. <ol style="list-style-type: none"> a. The Contractor shall immediately notify the Engineer who will engage a qualified archaeologist provided by the District to evaluate the find. The Contractor is responsible for stopping work and notifying the Engineer and shall not recommence work until authorized to do so by the Engineer. b. The District will retain a qualified archaeologist to inspect the findings within 24 hours of discovery. If it is determined that the Project could damage a historical resource as defined by CEQA (or a historic property as defined by the National Historic Preservation Act of 1966, as amended), construction shall cease in an area determined by the archaeologist until a management plan has been prepared, approved by the District, and implemented to the satisfaction of the archaeologist (and Native American representative if the resource is prehistoric, who shall be identified by the Native American Heritage Commission [NAHC]). In consultation with the District, the archaeologist (and Native American representative) will determine when construction can resume. 2. Discovery of human remains requires that all construction activities immediately cease at, and within 100 feet of the location of discovery. <ol style="list-style-type: none"> a. The Contractor shall immediately notify the Engineer who will engage a qualified archaeologist provided by the District to evaluate the find. The Contractor is responsible for stopping work and notifying the Engineer and shall not recommence work until authorized to do so by the Engineer. b. The District will contact the County Coroner, who will determine whether or not the remains are Native American. If the remains are determined to be Native American, the Coroner will contact the Native American Heritage Commission (NAHC). The NAHC will then identify the person or persons it believes to be the most likely descendant from the deceased Native American, who in turn would make recommendations to the District for the 			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
	<p>appropriate means of treating the human remains and any associated funerary objects.</p> <p>3. Discovery of paleontological resources requires that all construction activities immediately cease at, and within 100 feet of the location of discovery.</p> <p>a. The Contractor shall immediately notify the Engineer who will engage a qualified paleontologist provided by the District to evaluate the find. The Contractor is responsible for stopping work and notifying the Engineer and shall not recommence work until authorized to do so by the Engineer.</p> <p>b. The District will retain a qualified paleontologist to inspect the findings within 24 hours of discovery. The qualified paleontologist, in accordance with Society of Vertebrate Paleontology guidelines (Society of Vertebrate Paleontology 2010), will assess the nature and importance of the find and recommend appropriate salvage, treatment, and future monitoring and management. If it is determined that construction activities could damage a paleontological resource as defined by the Society of Vertebrate Paleontology guidelines (Society of Vertebrate Paleontology 2010), construction shall cease in an area determined by the paleontologist until a salvage, treatment, and future monitoring and management plan has been prepared, approved by the District, and implemented to the satisfaction of the paleontologist. In consultation with the paleontologist, the District will determine when construction can resume.</p> <p>E. If the District determines that the find requires further evaluation, at the direction of Engineer, the Contractor shall suspend all construction activities at the location of the find and within a larger radius, as required.</p>			
Cultural Resources c): Disturb any human remains, including those interred outside of formal cemeteries?	<p>EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 3.10, Protection of Cultural and Paleontological Resources</i> (Details as listed under Impact Cultural Resources b)</p>	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction
Energy				
Energy a): Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation?	<p>EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 3.5.A, Air Quality and Emissions Control</i> (Details as listed under Impact Air Quality a)</p>	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction
Geology and Soils				

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Geology and Soils a): Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:</p> <ul style="list-style-type: none"> i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42. ii. Strong seismic ground shaking? iii. Seismic-related ground failure, including liquefaction? iv. Landslides? 	<p>EBMUD's Pumping Plant Design Guide EBMUD's Pumping Plant Design Guide establishes the minimum requirements to follow in the design of EBMUD drinking water pumping plants. The Pumping Plant Design Guide details design criteria, conditions for PPs, outlines applicable codes and design standards, and requires the completion of a geotechnical investigation during design and incorporation of geotechnical design recommendations in project plans and specifications.</p> <p>EBMUD's Engineering Standard Practice 550.1, Seismic Design Requirements and 512.1, Water Main and Services Design Criteria EBMUD uses two primary Engineering Standard Practices for the design of water pipelines in its distribution system to address geologic hazards. Engineering Standard Practice 512.1, Water Main and Services Design Criteria, establishes basic criteria for the design of water pipelines and establishes minimum requirements for pipeline construction materials. Engineering Standard Practice 550.1, Seismic Design Requirements, addresses seismic design of the pipelines to withstand seismic hazards, including fault rupture, ground shaking, liquefaction-related phenomena, landslides, seiches and tsunamis and requires that EBMUD establish project-specific seismic design criteria for pipelines with a diameter of greater than 12 inches. Engineering Standard Practice 550.1, Seismic Design Requirements, includes basic requirements for structures and design standard for structures to withstand seismic hazards including compliance with applicable seismic design standards found in the latest editions of the California Building Code and American Society of Civil Engineers 7, Minimum Design Loads for Buildings and Other Structures.</p>	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction
<p>Geology and Soils b): Result in substantial soil erosion or the loss of topsoil?</p>	<p>EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.1.B, Site Activities</i> B. Site Activities</p> <ol style="list-style-type: none"> 1. No debris including, but not limited to, demolition material, treated wood waste, stockpile leachate, soil, silt, sand, bark, slash, sawdust, asphalt, rubbish, paint, oil, cement, concrete or washings thereof, oil or petroleum products, or other organic or earthen materials from construction activities shall be allowed to enter into storm drains or surface waters or be placed where it may be washed by rainfall or runoff outside the construction limits. When operations are completed, excess materials or debris shall be removed from the work area as specified in the Construction and Demolition Waste Disposal Plan. 2. Excess material shall be disposed of in locations approved by the Engineer consistent with all applicable legal requirements and disposal facility permits. 3. Do not create a nuisance or pollution as defined in the California Water Code. Do not cause a violation of any applicable water quality standards for receiving 	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
	<p>waters adopted by the Regional Board or the State Water Resources Control Board, as required by the Clean Water Act.</p> <ol style="list-style-type: none"> 4. Clean up all spills and immediately notify the Engineer in the event of a spill. 5. Stationary equipment such as motors, pumps, and generators, shall be equipped with drip pans. 6. Divert or otherwise control surface water and waters flowing from existing projects, structures, or surrounding areas from coming onto the work and staging areas. The method of diversions or control shall be adequate to ensure the safety of stored materials and of personnel using these areas. Following completion of Work, ditches, dikes, or other ground alterations made by the Contractor shall be removed and the ground surfaces shall be returned to their former condition, or as near as practicable, in the Engineer's opinion. 7. Maintain construction sites to ensure that drainage from these sites will minimize erosion of stockpiled or stored materials and the adjacent native soil material. 8. Furnish all labor, equipment, and means required and shall carry out effective measures wherever, and as often as necessary, to prevent Contractor's operations from causing visible dust emissions to leave the work areas. These measures shall include, but are not limited to, providing additional watering equipment, reducing vehicle speeds on haul roads, restricting traffic on haul roads, covering haul vehicles, and applying a dust palliative to well-traveled haul roads. The Contractor shall provide the specifications of the dust palliative for Engineer approval prior to use. The Contractor shall be responsible for damage resulting from dust originating from its operations. The dust abatement measures shall be continued for the duration of the Contract. Water the site in the morning and evening, and as often as necessary, and clean vehicles leaving the site as necessary to prevent the transportation of dust and dirt onto public roads. Dust control involving water shall be done in such a manner as to minimize waste and runoff from the site. 9. Construction staging areas shall be graded, or otherwise protected with Best Management Practices (BMPs), to contain surface runoff so that contaminants such as oil, grease, and fuel products do not drain towards receiving waters including wetlands, drainages, and creeks. 10. All construction equipment shall be properly serviced and maintained in good operating condition to reduce emissions. Contractor shall make copies of equipment service logs available upon request. 11. Any chemical or hazardous material used in the performance of the Work shall be handled, stored, applied, and disposed of in a manner consistent with all applicable federal, state, and local laws and regulations. 12. Contaminated materials excavated and/or removed from the construction area shall be disposed of in a manner consistent with all applicable local, state, and federal laws and regulations. <p><i>Section 1.3.A, Storm Water Management</i> A. Storm Water Management</p>			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
	<p>1. Construction General Permit</p> <p>a. The Contractor shall create a user account on the SWRCB's Storm Water Multi-Application & Report Tracking System (SMARTS). The Engineer will link the Contractor to the District's account as a Data Submitter. The Contractor shall prepare and upload to SMARTS Permit Registration Documents (PRDs), including, but not limited to, a Notice of Intent, a Site Specific Risk Assessment, a Site Map, and a Storm Water Pollution Prevention Plan (SWPPP) for the Engineer's review which meets the requirements of the SWRCB, for coverage under the General Construction Stormwater Permit (Order No. 2009-0009-DWQ) and amendments thereto. Upon acceptance by the Engineer, the Engineer will electronically certify and file the PRDs to gain permit coverage and the Contractor shall submit the registration and the subsequent annual fees as required by the SWRCB.</p> <p>b. The Contractor shall be responsible for complying with the requirements of the Construction General Permit. The Contractor's responsibilities include, but are not limited to, providing qualified professionals as described in the permit to prepare and certify all permit-required documents/submittals and to implement effective stormwater/non-stormwater management practices, and conducting inspections and monitoring as required by the permit. The Contractor shall, in compliance with the permit, prepare and upload to SMARTS all required documents, photos, data, and/or reports (including the Annual Reports) and ensure permit coverage termination upon construction completion by preparing a Notice of Termination on SMARTS. The Contractor shall inform the Engineer when documents/reports are available on SMARTS for Engineer certification and submittal.</p> <p>2. Storm Water Pollution Prevention Plan</p> <p>a. Submit a Stormwater Pollution Prevention Plan that describes measures that shall be implemented to prevent the discharge of contaminated storm water runoff from the jobsite. Contaminants to be addressed include, but are not limited to, soil, sediment, concrete residue, pH less than 6.5 or greater than 8.5, and chlorine residual and all other contaminants known to exist at the jobsite location as described in Document 00 31 24 - Material Assessment Information.</p> <p><i>Section 3.3., Dust Control and Monitoring (Details as listed under Impact Air Quality a)</i></p> <p>EBMUD's Pumping Plant Design Guide (Details as listed under Impact Geology and Soils a)</p>			
<p>Geology and Soils c): Be located on strata or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or</p>	<p>EBMUD's Standard Construction Specification 01 35 24, Project Safety Requirements <i>Section 1.3.K, Excavation Safety Plan</i></p> <p>1. Section 6705 of the Labor Code requires that the excavation of any trench 5 feet or more in depth shall not begin until the Contractor has received from the Engineer notification of the Engineer's acceptance of the Contractor's detailed</p>	<p>EBMUD and EBMUD's Contractor</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	<p>plan for worker protection from the hazards of caving ground during the excavation of such trench.</p> <ol style="list-style-type: none"> a. The plan shall show the details of the design of shoring, bracing, sloping or other provisions to be made for worker protection during such excavation. b. The plan shall meet the requirements of the Construction Safety Orders, Title 8, California Code of Regulations. <ol style="list-style-type: none"> 2. Contractor shall obtain an excavation permit per Cal/OSHA Title 8, CCR § 341(a)(1). 3. California Government Code § 4216 describes the requirements and procedures for excavation notifications and utility excavation. 			
Geology and Soils d): Be located on expansive soil as defined in Table 18-1-B of the Uniform Building Code 1994, creating substantial risks to life or property?	EBMUD's Engineering Standard Practice 550.1, Seismic Design Requirements and 512.1, Water Main and Services Design Criteria (Details as listed under Geology and Soils a)			
Geology and Soils f): Directly or indirectly destroy a unique paleontological resource or site or unique geological feature?	EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 3.10, Protection of Cultural and Paleontological Resources</i> (Details as listed under Impact Cultural Resources a)	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction
Greenhouse Gas Emissions				
Greenhouse Gas Emissions a): Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 3.5.A, Air Quality and Emissions Control</i> (Details as listed under Impact Air Quality a)	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction
Greenhouse Gas Emissions b): Conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 3.5.A, Air Quality and Emissions Control</i> (Details as listed under Impact Air Quality a)	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction
Hazards and Hazardous Materials				

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Hazards and Hazardous Materials a and b): Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials, or create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?</p>	<p>EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.3.A.2, Storm Water Pollution Prevention Plan</i></p> <ol style="list-style-type: none"> 2. Storm Water Pollution Prevention Plan <ol style="list-style-type: none"> a. Submit a Stormwater Pollution Prevention Plan that describes measures that shall be implemented to prevent the discharge of contaminated storm water runoff from the jobsite. Contaminants to be addressed include, but are not limited to, soil, sediment, concrete residue, pH less than 6.5 or greater than 8.5, and chlorine residual and all other contaminants known to exist at the jobsite location as described in Document 00 31 24 - Material Assessment Information. <p><i>Section 1.3.B, Water Control and Disposal Plan</i></p> <p>B. Water Control and Disposal Plan</p> <ol style="list-style-type: none"> 1. The Contractor shall submit a detailed Water Control and Disposal Plan for the Engineer's acceptance prior to any work at the jobsite. <ol style="list-style-type: none"> a. Plan shall comply with all requirements of the Specification and applicable discharge permits. Table 1 summarizes discharge permits that may be applicable to District projects. b. Contractor shall maintain proper control of the discharge at the discharge point to prevent erosion, scouring of bank, nuisance, contamination, and excess sedimentation in the receiving waters. 2. Drinking Water System Discharges <ol style="list-style-type: none"> a. Plan shall include the estimated flow rate and volume of all proposed discharges to surface waters, including discharges to storm drains. All receiving waters shall be clearly identified. b. Contractor shall track all discharges directly to a surface water body or a storm drain system that drains to a surface water body. A record consisting of discharge locations and volumes shall be submitted to the Engineer prior to Contract Acceptance. c. A monitoring program is required for drinking water system discharges greater than 325,850 gallons in conformance with Attachment E, Monitoring and Reporting Program, of the General Drinking Water Discharges Permit, when the water will be discharged either directly into a surface water body or a storm drain system that drains to a surface water body. A record consisting of discharge locations, volumes and Water Quality (WQ) data shall be submitted to the Engineer. The Planned Discharge Tracking Form, attached to the end of this section, may be used to fulfill this requirement. All monitoring results shall be submitted to the Engineer prior to Contract Acceptance. <ol style="list-style-type: none"> 1. Contractor shall notify the Engineer, at least one week prior to the start of a planned discharge equal to or greater than 325,850 gallons, of the following: 	<p>EBMUD and EBMUD's Contractor</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
	<ul style="list-style-type: none"> a) The discharge start date; b) The discharge location and the applicable receiving water; c) The flow rate and volume to be discharged; and d) The reason(s) for discharge. <p>d. Contractor shall dechlorinate all drinking water system discharges to achieve a total chlorine residual concentration of < 0.1 mg/L measured with a handheld chlorine meter utilizing a US EPA approved method and provide effective erosion & sediment control to achieve a visual turbidity concentration of ≤ 100 NTU by implementing BMPs which meet the District minimum standards (see Figure 1 attached to the end of this section) or better.</p> <p>e. Instead of discharging to surface waters, where feasible, Contractor shall beneficially reuse water derived from drinking water systems as defined in the General Drinking Water Discharges Permit. Potential reuse strategies include, but are not limited to, landscape irrigation, agricultural irrigation, dust control, and discharge to stormwater capture basins or other groundwater recharge systems. Contractor shall do so without impacting property or the environment. Contractor shall provide a record of reuse location(s) and volume(s) and submit it to the Engineer prior to Contract Acceptance.</p> <p>f. Contractor shall ensure that the pH level of any discharges shall not be depressed below 6.5, nor elevated above 8.5. If there is potential for discharges to be below 6.5 or above 8.5, Contractor shall employ pH adjustment best management practices to ensure discharges are within the range of 6.5 and 8.5. Contractor shall conduct onsite field measurements for pH per quality assurance and quality control (QA/QC) protocol that conform to U.S. EPA guidelines, or procedures approved by the American Water Works Association or other professional drinking water industry association. Contractor shall submit all monitoring results to the Engineer prior to Contract Acceptance.</p> <p>3. Non-Stormwater Discharges</p> <ul style="list-style-type: none"> a. Plan shall describe measures for containment, handling, treatment (as necessary), and disposal of discharges such as groundwater (if encountered), runoff of water used for dust control, stockpile leachate, tank heel water, wash water, sawcut slurry, test water and construction water or other liquid that has been in contact with any interior surfaces of District facilities. Contractor shall provide the Engineer with containment, handling, treatment and disposal designs and a sampling & analysis plan for approval before commencing the Work. Sampling and analysis shall be in conformance with Sections 1.3 (K) Analytical Test Results and 3.1 SAMPLING AND ANALYSIS. <p>4. Sanitary Sewer Discharges</p> <ul style="list-style-type: none"> a. It is District policy to send superchlorinated discharges from pipeline disinfection to the sanitary sewer system. Plan shall include a sampling and analytical program for superchlorinated discharges in conformance with the 			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
	<p>Sanitary Sewer Discharge Permit. All monitoring results shall be submitted to the Engineer prior to the end of the Work.</p> <p>b. Obtain and provide to the Engineer documentation from the agency (e.g., wastewater treatment plant, local sewer owner) having jurisdiction, authorizing the Contractor to dispose of the liquid and describing the method of disposal. Discharges destined for the District's main wastewater treatment plant in Oakland can reference Special Discharge Permit (SDP) #50333261, issued to the District's Regulatory Compliance Office, when obtaining authorization from the pertinent local jurisdiction that owns the sewers to be used. Contractor shall, prior to the end of the Work, report to the Engineer the volumes of all discharges performed pursuant to the said SDP along with copies of any profile forms and/or correspondence between Contractor and disposal facility.</p> <p><i>Section 1.3.C, Construction and Demolition Waste</i></p> <p>C. Construction and Demolition Waste Disposal Plan</p> <p>1. Prepare a Construction and Demolition Waste Disposal Plan and submit a copy of the plan for the Engineer's acceptance prior to disposing of any material (except for water wastes which shall be addressed in the Water Control and Disposal Plan).</p> <p>a. The plan shall identify how the Contractor will remove, handle, transport, and dispose of all materials required to be removed under this contract in a safe, appropriate, and lawful manner in compliance with all applicable regulations of local, state, and federal agencies having jurisdiction over the disposal of removed materials.</p> <p>b. The Contractor shall procure the necessary permits required by the local, state, and federal agencies having jurisdiction over the handling, transportation, and disposal of construction and demolition waste.</p> <p>c. Include a list of reuse facilities, recycling facilities and processing facilities that will be receiving recovered materials.</p> <p>d. Identify materials that are not recyclable or not recovered which will be disposed of in a landfill (or other means acceptable by the State of California and local ordinance and regulations).</p> <p>e. Identify how the Contractor will comply with The California Department of Toxic Substances Control's (DTSC) Alternative Management Strategies (AMS) when handling and disposing of treated wood waste (TWW) in compliance with 22 CCR 66261.9.5.</p> <p>f. TWW records including but not limited to manifests, bills of lading should be submitted to the Engineer within 5 working days of off-haul. Records should include: (1) name and address of the TWW facility to which the TWW was sent; (2) estimated weight of TWW, or the weight of the TWW as measured by the receiving TWW facility; and (3) date of the shipment of TWW. (Cal. Code Regs., tit. 22, §§ 67386.8(a) and (e)(1)).</p>			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
	<p>g. List the permitted landfill, or other permitted disposal facilities, that will be accepting the disposed waste materials.</p> <p>h. Identify each type of waste material to be reused, recycled or disposed of and estimate the amount, by weight.</p> <p>i. Plan shall include the sampling and analytical program for characterization of any waste material, as needed, prior to reuse, recycle or disposal.</p> <p>2. Materials or wastes shall only be recycled, reused, reclaimed, or disposed of at facilities approved of by the District.</p> <p>3. Submit permission to reuse, recycle, reclaim, or dispose of material from reuse, recycling, reclamation, or disposal site owner along with any other information needed by the District to evaluate the acceptability of the proposed reuse, recycling, or disposal site and obtain acceptance of the Engineer prior to removing any material from the project site.</p> <p>4. All information pertinent to the characterization of the material or waste shall be disclosed to the District and the reuse, recycling, reclamation, or disposal facility. Submit copies of any profile forms and/or correspondence between the Contractor and the reuse, recycling, reclamation, or disposal facility.</p> <p>5. Submit name and Environmental Laboratory Accreditation Program Certificate number of laboratory that will analyze samples for suspected hazardous substances. Include statement of laboratory's certified testing areas and analyses that laboratory is qualified to perform. Submit prior to any laboratory testing.</p> <p><i>Section 1.3.D, Spill Prevention and Response Plan</i></p> <p>D. Spill Prevention and Response Plan</p> <p>1. Submit plan detailing the means and methods for preventing and controlling the spilling of known hazardous substances used on the jobsite or staging areas. The plan shall include a list of the hazardous substances proposed for use or generated by the Contractor on site, including petroleum products, and measures that will be taken to prevent spills, monitor hazardous substances, and provide immediate response to spills. Spill response measures shall address notification of the Engineer and appropriate agencies including phone numbers; spill-related worker, public health, and safety issues; spill control, and spill cleanup.</p> <p>2. Submit a Safety Data Sheet (SDS) for each hazardous substance proposed to be used prior to delivery of the material to the jobsite</p> <p><i>Section 1.3.E, Dust Control and Monitoring Plan (Details as listed under Impact Air Quality a)</i></p> <p>EBMUD's Standard Construction Specification 01 35 24, Project Safety Requirements</p> <p><i>Section 1.3.B, Project Health and Safety Plan</i></p> <p>B. Project Health and Safety Plan</p>			

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
	<ol style="list-style-type: none"> 1. Submit a Project Health & Safety Plan for the Work to be performed prior to start of the Notice to commence field work (NTCFW) and/or prior to any limited notice to commence field work (LNTCFW). 2. The Project Health & Safety Plan shall implement applicable Title 8, California Code of Regulations for the work performed. <p><i>Section 1.3.J, Electrical Safety Plan</i></p> <ol style="list-style-type: none"> 1. Submit a detailed electrical safety plan that is in accordance with NFPA 70E Article 110. The plan shall include at a minimum: <ol style="list-style-type: none"> a. Electrical hazard potential b. Electrical safety program principles per Annex E.1 of NFPA 70E c. Electrical safety program controls per Annex E.2 of NFPA 70E d. Electrical safety program procedures per Annex E.3 of NFPA 70E e. Risk assessment and risk control procedures per Annex F of NFPA 70E f. Job briefing and planning checklists per Annex I of NFPA 70E g. Auditing effectiveness of project electrical safety program <p>EBMUD's Engineering Standard Practice 514, Identifying Buried Conflicts <i>Section V, Requirements and Guidelines of Planning, Design, and Construction</i> Procedure 711, Hazardous Waste Removal</p>			
<p>Hazards and Hazardous Materials c): Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?</p>	<p>EBMUD's Standard Construction Specification 01 35 24, Project Safety Requirements <i>Section 1.3.B, Project Health and Safety Plan</i> (Details as listed under Impact Hazards and Hazardous Materials a)</p> <p>EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.3.D, Spill Prevention and Response Plan</i> (Details as listed under Impact Hazards and Hazardous Materials a)</p>	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction
<p>Hazards and Hazardous Materials f): Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?</p>	<p>EBMUD's Standard Construction Specification 01 55 26, Traffic Regulation <i>Section 1.2, Submittals</i></p> <p>A. Submit at least 15 calendar days prior to work a detailed traffic control plan, that is approved by all agencies having jurisdiction and that conforms to all requirements of these specifications and the most recently adopted edition of the California Manual on Uniform Control Devices. Traffic Control Plan shall include:</p> <ol style="list-style-type: none"> 1. Circulation and detour plans to minimize impacts to local street circulation. Use haul routes minimizing truck traffic on local roadways to the extent possible. 2. A description of emergency response vehicle access. If the road or area is completely blocked, preventing access by an emergency responder, a contingency plan must be included. 3. Procedures, to the extent feasible, to schedule construction of project elements to minimize overlapping construction phases that require truck hauling. 	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
	4. Designated Contractor staging areas for storage of all equipment and materials, in such a manner to minimize obstruction to traffic. 5. Locations for parking by construction workers.			
Hydrology and Water Quality				
Hydrology and Water Quality a): Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?	EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.3.A.2, Storm Water Pollution Prevention Plan</i> (Details as listed under Impact Hazards and Hazardous Materials a) <i>Section 1.3.B, Water Control and Disposal Plan</i> (Details as listed under Impact Hazards and Hazardous Materials a) <i>Section 1.3.D, Spill Prevention and Response Plan</i> (Details as listed under Impact Hazards and Hazardous Materials a)	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction
Hydrology and Water Quality c): Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would: <ul style="list-style-type: none"> i. Result in substantial erosion or siltation on- or off-site; ii. substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site; iii. create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff, or 	EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.1.B, Site Activities</i> (Details as listed under Impact Geology and Soils b) <i>Section 1.3.A.2, Storm Water Pollution Prevention Plan</i> (Details as listed under Impact Hazards and Hazardous Materials a) <i>Section 1.3.B, Water Control and Disposal Plan</i> (Details as listed under Impact Hazards and Hazardous Materials a) <i>Section 1.3.D, Spill Prevention and Response Plan</i> (Details as listed under Impact Hazards and Hazardous Materials a)	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
iv. impede or redirect flood flows?				
Hydrology and Water Quality e): Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.3.A.2, Storm Water Pollution Prevention Plan (Details as listed under Impact Hazards and Hazardous Materials a)</i>	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction
Noise				
Noise a): Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.3, Submittals</i> G. Noise Control and Monitoring Plan 1. Submit a plan detailing the means and methods for controlling and monitoring noise generated by construction activities, including demolition, alteration, repair or remodeling of or to existing structures and construction of new structures, as well as by items of machinery, equipment or devices used during construction activities on the site for the Engineer's acceptance prior to any work at the jobsite. The plan shall detail the equipment and methods used to monitor compliance with the plan. <i>Section 3.7, Noise Control</i> A. Comply with sound control and noise level rules, regulations and ordinances as required herein and in the CEQA documents which apply to any work performed pursuant to the contract. B. Contractor is responsible for taking appropriate measures, including muffling of equipment, selecting quieter equipment, erecting noise barriers, modifying work operations, and other measures as needed to bring construction noise into compliance. C. Each internal combustion engine, used for any purpose on the job or related to the job, shall be equipped with a muffler of a type recommended by the manufacturer. No internal combustion engine shall be operated on the project without said muffler. D. Best available noise control techniques (including mufflers, intake silencers, ducts, engine enclosures, and acoustically attenuating shields or shrouds) shall be used for all equipment and trucks, as necessary. E. Truck operations (haul trucks and concrete delivery trucks) will be limited to the daytime hours specified in Section 01 14 00. F. Stationary noise sources (e.g., chippers, grinders, compressors) shall be located as far from sensitive receptors as possible. If they must be located near receptors, adequate muffling (with enclosures) shall be used. Enclosure opening or venting shall	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
	<p>face away from sensitive receptors. Enclosures shall be designed by a registered engineer regularly involved in noise control analysis and design.</p> <p>G. Material stockpiles as well as maintenance/equipment staging and parking areas (all on-site) shall be located as far as practicable from residential receptors.</p> <p>EBMUD's Standard Construction Specification 01 14 00, Work Restrictions <i>Section 1.7, Construction Noise</i></p> <p>A. Noise-generating activities greater than 90 dBA (impact construction such as concrete breaking, concrete crushing, tree grinding, etc.) shall be limited to the hours of 8:00 a.m. and 4:00 p.m., Monday through Friday.</p> <p>Procedure 600, Public Outreach and Community Relations</p>			
<p>Noise b): Generation of excessive groundborne vibration or groundborne noise levels?</p>	<p>EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.3.H, Vibration Control and Monitoring Plan</i></p> <p>H. Vibration Control and Monitoring Plan</p> <ol style="list-style-type: none"> 1. Submit a plan detailing the means and methods for controlling and monitoring surface vibration generated by demolition and other work on the site for the Engineer's acceptance prior to any work at the jobsite. The plan shall detail the equipment and methods used to monitor compliance with the plan. <p><i>Section 3.6, Vibration Control</i></p> <p>A. Limit surface vibration to no more than 0.5 in/sec Peak Particle Velocity (PPV), measured at the nearest residence or other sensitive structure. See Section 01 14 00.</p>	<p>EBMUD and EBMUD's Contractor</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>
Transportation				
<p>Transportation a): Conflict with a program plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?</p>	<p>EBMUD's Standard Construction Specification 01 55 26, Traffic Regulation <i>Section 1.2, Submittals</i> (Details as listed under Impact Hazards and Hazardous Materials f) <i>Section 3.4, Temporary Traffic Control</i></p> <p>A. All traffic control devices shall conform to the latest edition of the MUTCD, and as amended by the latest edition of the MUTCD California supplement. Electronic signage board with changeable message shall be placed on a street in both direction 2 weeks in advance.</p> <p>B. The Contractor shall replace within 72 hours, all traffic signal loop detectors damaged during construction. Any work that disturbs normal traffic signal operations and ensure proper temporary traffic control (lane shifts, lane closures, detours etc.) shall be coordinated with the agency having jurisdiction, at least 72 hours prior to commencing construction.</p> <p>C. A minimum of twelve (12) foot travel lanes must be maintained unless otherwise approved.</p>	<p>EBMUD and EBMUD's Contractor</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
	<p>D. Access to driveways will be maintained at all times unless other arrangements are made.</p> <p>E. All traffic control devices shall be removed from view when not in use.</p> <p>F. Before leaving a work area, ensure the area is left orderly. Trenches must be backfilled or plated during non-working hours.</p> <p>G. Sidewalks for pedestrians will remain open if safe for pedestrians. Alternate routes and signing will be provided if pedestrian routes are to be closed.</p>			
<p>Transportation c): Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?</p>	<p>EBMUD's Standard Construction Specification 01 55 26, Traffic Regulation <i>Section 2.1, Traffic Control Devices</i></p> <p>A. Traffic signs, flashing lights, barricades and other traffic safety devices used to control traffic shall conform to the requirements of the most recently adopted edition of the MUTCD and the agency having jurisdiction.</p> <ol style="list-style-type: none"> 1. Portable signals shall not be used unless permission is given in writing by the agency having jurisdiction. 2. Warning signs used for nighttime conditions shall be reflectorized or illuminated. "Reflectorized signs" shall have a reflectorized background and shall conform to the current State of California Department of Transportation specification for reflective sheeting on highway signs. 	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction
<p>Transportation d): Result in inadequate emergency access?</p>	<p>EBMUD's Standard Construction Specification 01 55 26, Traffic Regulation <i>Section 1.2, Submittals</i> (Details as listed under Impact Hazards and Hazardous Materials f) <i>Section 3.0, Execution</i></p> <p>3.1 GENERAL</p> <ol style="list-style-type: none"> A. Except where public roads have been approved for closure, traffic shall be permitted to pass through designated traffic lanes with as little inconvenience and delay as possible. B. Install temporary traffic markings where required to direct the flow of traffic. Maintain the traffic markings for the duration of need and remove by abrasive blasting when no longer required. C. Convenient access to driveways and buildings in the vicinity of work shall be maintained as much as possible. Temporary approaches to, and crossing of, intersecting traffic lanes shall be provided and kept in good condition. D. When leaving a work area and entering a roadway carrying public traffic, the Contractor's equipment, whether empty or loaded, shall in all cases yield to public traffic. E. Provide temporary signs as required by the traffic control plan and remove signs when no longer required. F. Haul routes for each construction phase shall be provided to all trucks serving the site during the construction period. 	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
	<p>G. For complete road closures, immediate emergency access to be provided if needed to emergency response vehicles.</p> <p>H. A minimum of twelve (12) foot travel lanes must be maintained unless otherwise approved.</p> <p>3.2 ALTERNATING ONE-WAY TRAFFIC</p> <p>A. Where alternating one-way traffic has been authorized, the following shall be posted at each end of the one-way traffic section at least one week prior to start of work:</p> <ol style="list-style-type: none"> 1. The approximate beginning and ending dates that traffic delays will be encountered. 2. The maximum time that traffic will be delayed. <p>B. The maximum delay time shall be approved by the agency having jurisdiction.</p> <p>3.3 FLAGGING</p> <p>A. Provide flaggers to control traffic where required by the approved traffic control plan.</p> <ol style="list-style-type: none"> 1. Flaggers shall perform their duties and shall be provided with the necessary equipment in accordance with the current "Instructions to Flaggers" of the California Department of Transportation. 2. Flaggers shall be employed full time on traffic control and shall have no other duties. <p>3.4 TEMPORARY TRAFFIC CONTROL (Details as listed under Impact Transportation a)</p>			
Tribal Cultural Resources				
<p>Tribal Cultural Resources a): Would the Project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California</p>	<p>EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements</p> <p><i>Section 3.10, Protection of Cultural and Paleontological Resources</i> (Details as listed under Impact Cultural Resources b)</p>	<p>EBMUD and EBMUD's Contractor</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
<p>Native American tribe, and that is:</p> <ul style="list-style-type: none"> i. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or ii. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe 				
Utilities and Service Systems				
<p>Utilities and Service Systems d and e): Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals, or comply with federal,</p>	<p>EBMUD's Standard Construction Specification 01 35 44, Environmental Requirements <i>Section 1.3.C, Construction and Demolition Waste</i> (Details as listed under Impact Hazards and Hazardous Materials a)</p>	<p>EBMUD and EBMUD's Contractor</p>	<p>EBMUD</p>	<p>Prior to and During Construction</p>

Impact Area	EBMUD Practices and Procedures ¹	Responsibility for Implementation	Responsibility for Monitoring and/or Enforcement	Timing of Implementation
state, and local management and reduction statutes and regulations related to solid waste?				
Wildfire				
Wildfire a): Substantially impair an adopted emergency response plan or emergency evacuation plan?	EBMUD's Standard Construction Specification 01 55 26, Traffic Regulation Section 1.2, Submittals (Details as listed under Impact Hazards and Hazardous Materials f)	EBMUD and EBMUD's Contractor	EBMUD	Prior to and During Construction

NOTES:

1 In EBMUD Standard Specifications, "District" = EBMUD; "Engineer" = EBMUD Engineer; "Contractor" = EBMUD Contractor; "Work" = Scope of Work for the Project

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: June 8, 2023
MEMO TO: Board of Directors
THROUGH: Clifford C. Chan, General Manager *CCC*
FROM: Kathy Viatella, Manager of Legislative Affairs *KV*
SUBJECT: Legislative Report No. 05-23

The following issues are being referred to the Legislative/Human Resources Committee for review and recommendation to the Board of Directors for action, as appropriate, on June 13, 2023.

RECOMMENDED ACTION

Approve positions on the following bills: 1) Support AB 388 (Connolly) Wildfire and Forest Resilience Action Plan: implementation strategies: roadmap; 2) Oppose unless Amended AB 460 (Bauer-Kahan) State Water Resources Control Board: water rights and usage: interim relief: procedures; 3) Oppose unless Amended AB 754 (Papan) Water management planning: water shortages; 4) Oppose unless Amended AB 755 (Papan) Water: public entity: cost-of-service analysis; 5) Oppose unless Amended AB 1337 (Wicks) State Water Resources Control Board: water diversion curtailment; 6) Support H.R. 2964 (McClain) Wastewater Infrastructure Pollution Prevention and Environmental Safety Act; and 7) Support S. 1350 (Merkley) Wastewater Infrastructure Pollution Prevention and Environmental Safety Act.

STATE LEGISLATION

RECOMMENDED POSITION

AB 388 (Connolly)	WILDFIRE AND FOREST RESILIENCE ACTION PLAN: IMPLEMENTATION STRATEGIES: ROADMAP	SUPPORT
------------------------------	---	----------------

Existing law establishes the Wildfire and Forest Resilience Task Force (Task Force), with specified membership including the California Natural Resources Agency (CNRA), the California Environmental Protection Agency (CalEPA), the Office of Planning and Research (OPR), and the Department of Forestry and Fire Protection (CAL FIRE), county associations, tribal governments and the U.S. Forest Service (USFS), in coordination with other state entities. Existing law requires implementation and regular updating of the Task Force’s plan, entitled “California’s Wildfire and Forest Resilience Action Plan” (Action Plan), annual reporting of the Action Plan’s progress, and alignment of the goals and key actions with the state’s climate

adaptation and resiliency framework. The most recent Action Plan was released on January 8, 2021.

Existing law establishes the Regional Forest and Fire Capacity Program (RFFC Program) to support regional leadership to build local and regional capacity, and develop, prioritize, and implement strategies and projects that create fire adapted communities and landscapes by improving ecosystem health, community wildfire preparedness, and fire resilience. Under the RFFC Program, the Department of Conservation (DOC) is required to provide block grants to regional entities to develop regional strategies that develop governance structures, identify wildfire risks, foster collaboration, and prioritize and implement projects within the region to achieve the Program's goals.

AB 388, as amended on May 18, 2023, would require the DOC, in consultation with the Task Force and its member agencies, to develop guidelines for funding the implementation of regional priority strategies developed pursuant to the RFFC Program. The bill also requires the DOC and Task Force to establish regional investment strategies to identify and align federal, state, local, tribal, and private sector resources that support implementation of regional priority strategies. To achieve the goals and key actions identified in these strategies, the bill allows various state entities to directly award regional block grants to various regional entities, including forest collaboratives and regional partnerships for plan implementation. The bill also requires the DOC to post on its internet website a description, amount and outcome of each regional block grant, and to provide this information to the Task Force.

According to the author, the RFFC Program provides funding for coordination and regional planning, but it does not provide funding for the implementation of the projects in those regional plans. Other grant programs like CAL FIRE's Forest Health Grants Program and the Wildfire Prevention Grant Program are scaled to and directed at the project level rather than landscape-scale. According to the author, "Instead of directing funding at the project level, making block grants available at the regional level would enable and encourage partnerships such as those created through the RFFC process to implement landscape-scale forest restoration and wildfire resilience initiatives."

The bill could benefit EBMUD through its participation in the Upper Mokelumne River Watershed Authority (UMRWA) by establishing guidelines for funding the implementation of regional priority strategies and by allowing the state to provide regional block grants to eligible entities, including regional partnerships and forest collaboratives, to implement these regional plans and strategies. As a joint powers authority, UMRWA would qualify as an eligible entity pursuant to the bill's provisions. It is not anticipated that this bill will impose new costs or requirements on EBMUD or its UMRWA partners. AB 388 is consistent with the 2023 state initiative on climate change specific to wildfire and forest resilience proposals and opportunities for EBMUD to engage through its role in UMRWA.

EBMUD has previously supported measures to facilitate forest health and fire prevention. In 2020, EBMUD supported SB 1348 (Stern) which would have expanded grants for forest health

and fire prevention efforts and made several other beneficial changes to state law and fire management. SB 1348 failed to advance out of the legislature. In 2021, SB 63 (Stern), a substantially similar measure that EBMUD supported, was signed into law. EBMUD also supported AB 679 (Chau) in 2021, which required the CNRA to establish a Good Neighbor Authority Program for the purposes of conducting ecological restoration and fire resiliency projects on national forest lands. That bill was signed into law.

The official support and opposition list to AB 388 is shown below.

Support

California Association of Resource Conservation Districts
Humboldt and Mendocino Redwood Companies
The Nature Conservancy
Sierra Business Council

Opposition

None listed.

AB 460 **STATE WATER RESOURCES CONTROL** **OPPOSE UNLESS**
(Bauer-Kahan) **BOARD: WATER RIGHTS AND USAGE:** **AMENDED**
INTERIM RELIEF: PROCEDURES

Existing law vests the State Water Resources Control Board (SWRCB) with the authority to adopt reasonable rules and regulations to carry out its statutory powers and duties. Existing law also authorizes the SWRCB to adopt emergency regulations in certain conditions of severe drought to prevent waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion, of water, to promote water recycling or water conservation, to require curtailment of diversions when water is not available under the diverter's priority of right, or in furtherance of any of the foregoing, to require reporting of diversion or use, or the preparation of monitoring reports.

Existing law authorizes the SWRCB to administer water resources and regulate the exercise of water rights by issuing permits and licenses to water users who initiated a water right after 1914 and to impose conditions on the exercise of such rights which are required or authorized by law. Persons who use water under a water right initiated before that date, or under a riparian right, are exempt from the requirement to obtain a permit or license but are subject to certain judicially enforceable limitations on diversion and use. Existing law establishes the Water Rights Fund (Fund), which consists of various fees and penalties. The moneys in the Fund are available upon appropriation by the legislature for the administration of the SWRCB's water rights program.

AB 460, as amended on May 18, 2023, would implement one of the recommendations from the February 2022 Planning and Conservation League (PCL) report titled “Updating California Water Laws to Address Drought and Climate Change.” This bill would:

- authorize the SWRCB to issue in adjudicative proceedings, on its own motion or upon petition of an interested party, an interim relief order to apply or enforce the constitutional prohibition on waste and unreasonable use, water quality objectives, statutory water use policies, and requirements of water rights permits or licenses;
- require SWRCB to conduct a hearing and give at least 10 days prior notice before the hearing on the issuance of an interim relief order, unless the SWRCB makes a finding that “consideration of the matter is urgent”;
- require the SWRCB, in circumstances when the order is issued prior to a hearing, to hold a hearing within 15 days at the request of the party subject to an immediate interim relief order and allow an aggrieved party to seek a writ of mandate no later than 15 days after the hearing;
- by December 31, 2024, requires the SWRCB to adopt regulations providing a process for how hearings will be conducted;
- allow the SWRCB, as part of the interim relief order, to require a diverter to halt all practices deemed harmful, take steps to mitigate the harm, complete technical and monitoring work, fund and participate in studies to evaluate impact of water diversion or use, and reimburse SWRCB for its expenses;
- provide that a person or entity that violates the terms or conditions of a permit, license, certificate or registration or an interim relief order issued by the SWRCB would be subject to civil penalties up to \$10,000 per day and \$2,500 per acre-foot of water diverted without authorization; and
- exempt regulations and interim relief orders from the requirements of the California Environmental Quality Act (CEQA).

AB 460 has been amended three times since it was introduced, although amendments have not addressed EBMUD’s main concerns.

The April 26 amendments authorize the SWRCB to issue an interim relief order before a hearing if the SWRCB finds that immediate compliance is necessary to prevent imminent or irreparable injury to other users, or to instream beneficial uses; require the SWRCB to conduct a hearing within 15 days after issuing an immediate interim relief order; allow an aggrieved party subject to an immediate interim relief order to seek a writ of mandate after the hearing; and delay implementation of the bill until December 31, 2024 so the SWRCB can adopt regulations to govern interim relief order hearings. The May 18 amendments removed two explicit grounds for interim relief: enforcement of the public trust doctrine and enforcement of a statutory requirement that dam owners always release sufficient water for fish.

When staff brought the bill as an information item for the May 9, 2023 Board meeting, staff identified concerns with the April 26 amendments. The May 18 amendments do not adequately

address EBMUD's concerns to narrow the scope of interim relief. In addition, the May 18 amendments do not go far enough to protect due process rights in the event the SWRCB or a third-party seeks to prohibit or alter how EBMUD exercises its water rights.

For these reasons, an oppose unless amended position is recommended to:

- limit the circumstances for issuance of interim relief orders to a violation of pre-existing requirements set forth in any permit or license, any order issued by the SWRCB, or any regulation adopted by the SWRCB;
- require the SWRCB to provide notice of a violation to a water user and allow sufficient time for a water user to develop a response to an interim relief order before a hearing;
- assure the right to a hearing before an interim relief order is issued unless the SWRCB or a third-party petition presents substantial evidence for showing immediate and irreparable harm is likely to occur unless an interim relief order is issued immediately;
- limit the duration of an interim relief order;
- require the SWRCB to follow standards of evidence and consideration of potential harm to the water user resulting from interim relief, as well as harm that would be sustained without interim relief;
- require SWRCB to provide a water user subject to interim relief with a written explanation regarding the need for reports or studies and that burden of reports or studies (including costs) bear a reasonable relationship to the need and the benefits that would be obtained; and
- clarify the right to receive judicial review of interim relief orders under an appropriate standard of review.

An oppose unless amended position is consistent with EBMUD's state legislative initiative to protect and advance EBMUD's water supply reliability and resiliency. With respect to anticipated costs and benefits to EBMUD and its ratepayers, AB 460 could be harmful because of the potential to impact EBMUD's water rights, access to Mokelumne River supplies, management of the Mokelumne River fishery, and wastewater treatment plant operations.

The official support and opposition list to AB 460 is shown below.

Support

California Coastkeeper Alliance
California Environmental Voters
California Sportfishing Protection Alliance
California Trout
California Water Impact Network
California Water Research
Clean Water Action
Clean Water Fund

Defenders of Wildlife
Earthjustice
Environmental Working Group
Friends of The Eel River
Friends of The River
Heal the Bay
Institute for Conservation Advocacy Research and Education
Karuk Tribe
Mono Lake Committee
Natural Resources Defense Council (NRDC)
North Bay Jobs with Justice
Northern California Council of Fly Fishers International
Pacific Coast Federation of Fishermen's Association
Planning and Conservation League
Restore the Delta
San Francisco Baykeeper
Trout Unlimited
Trust for Public Land
Union of Concerned Scientists
Wholly H2o

Opposition

Agricultural Council of California
Almond Alliance of California
Antelope Valley East-kern Water Agency
Association of California Egg Farmers
Association of California Water Agencies (ACWA)
Byron-Bethany Irrigation District
California Alfalfa & Forage Association
California Apple Commission
California Association of Wheat Growers
California Association of Winegrape Growers
California Bean Shippers Association
California Blueberry Association
California Blueberry Commission
California Building Industry Association
California Business Properties Association
California Cattlemen's Association
California Chamber of Commerce
California Cotton Ginners and Growers Association
California Farm Bureau
California Fresh Fruit Association
California Grain & Feed Association

California Manufacturers & Technology Association
California Municipal Utilities Association
California Pear Grower Association
California Seed Association
Carmichael Water District
Central Delta Water Agency
City of Roseville
Coachella Valley Water District
Coastside County Water District
County of San Joaquin
County of Stanislaus
Cucamonga Valley Water District
Desert Water Agency
Dunnigan Water District
East Turlock Subbasin Groundwater Sustainability Agency
El Dorado Irrigation District
Elsinore Valley Municipal Water District
Friant Water Authority
Grower-Shipper Association of Central California
Humboldt Bay Municipal Water District
International Bottled Water Association
Kern County Water Agency
Kings River Conservation District
Kings River Water Association
Lake Arrowhead Community Services District
Manteca Chamber of Commerce
McKinleyville Community Services District
Mesa Water District
Modesto Irrigation District
Mojave Water Agency
Montecito Water District
Napa County Flood Control and Water Conservation District
Northern California Water Association
Oakdale Irrigation District
Olive Growers Council of California
Orange County Water District
Pacific Egg & Poultry Association
Palmdale Water District
Pinedale County Water Agency
Placer County Water Agency
Regional Water Authority
Rosedale-Rio Bravo Water Storage District
Rowland Water District
San Francisco Public Utilities Commission

actions the agricultural water supplier takes for drought preparedness and to manage water supplies during periods of drought.

AB 754 (Papan), as amended on May 18, 2023, would make changes to the “Making Conservation a California Way of Life” legislative package (AB 1668 and SB 606) that was approved by the legislature and signed into law in 2018, and supported by EBMUD. The “Making Conservation a California Way of Life” legislation significantly changed the state’s approach to conservation, promoting long-term water use efficiency and drought planning. EBMUD sought and secured amendments to the legislation to protect water rights, provide the appropriate balance between local control and state oversight, and preserve local authority for drought and water use planning and implementation. The regulatory process to implement the legislation is currently underway.

AB 754 is intended to increase water conservation before urban and agricultural water suppliers face a drought crisis and help ensure that more water is stored in reservoirs for environmental benefits rather than drawing down reservoirs as a first response to drought. To accomplish this, AB 754 would do the following:

- Require urban and agricultural water suppliers that rely on a single reservoir for at least 50 percent of their water supply to include water shortage response actions in its UWMP or AWMP, as applicable, that are implemented when water storage in the reservoir falls below specified levels. This would be in addition to existing requirements to prepare a UWMP and a WSCP that includes procedures for an annual water supply and demand assessments as well as response, enforcement, and communication actions that are intended to make urban water suppliers more drought resilient.
- Require urban and agricultural water suppliers that rely on a single reservoir for at least 50 percent of water supply to develop a target shortage curve for that reservoir sufficient to satisfy water users, ecological stream flow requirements, and water quality needs for the current year and one dry year.
- Require the specified urban and agricultural water suppliers to compare reservoir levels every month to the reservoir’s target shortage curve and determine if the target storage levels are met.
- Require, when the target storage levels are not met that water shortage response actions (conservation measures) be taken corresponding to whether the reservoir’s water supply is 10 percent, 20 percent, 30 percent, 40 percent, 50 percent, or greater than 50 percent below the reservoir’s target water supply curve.
- Require the inclusion of information on water demand management measures that have a significant impact on water used by downstream water rights holders in a UWMP.

According to the author, “Drought plans and water shortage contingency plans only trigger when total water supply is short. As a result, conservation only occurs in a crisis. Moreover, carryover storage in reservoirs is an important resource not only for ensuring reliable water supply but for keeping cold pools for fish and ensuring ecological stream health. Once reservoir storage becomes too low, shallow water heats up and the hot water impacts water quality in downstream

ecosystems due to temperature pollution. Because water shortage contingency plans look at the entire water supply, reservoirs can become drained well before a shortage contingency plan is triggered.” The author contends that AB 754 will require urban and agricultural water suppliers to initiate conservation when reservoir levels drop too low rather than wait for a crisis to conserve.

AB 754 applies to urban water suppliers for which a single reservoir is considered to constitute at least 50 percent of the urban water supplier’s total water supply. While EBMUD operates Pardee and Camanche reservoirs as a joint system, EBMUD could be subject to AB 754’s requirements as either Pardee Reservoir or Camanche Reservoir could be considered as constituting at least 50 percent of EBMUD’s water supply depending on conditions.

AB 754’s mandates raise significant policy issues including concerns that: 1) a one-size fits all mandate for reservoir operations that trigger customer conservation measures when total water supply may be sufficient to meet demand would cause confusion for customers and does not account for EBMUD’s Pardee and Camanche reservoirs operated jointly and managed adaptively for water supply, flood control, and environmental stewardship; 2) in many instances, flood control operations are governed by the U.S. Army Corps of Engineers (USACE) rules not individual water suppliers; and 3) requirements for urban water suppliers to report how water demand management measures impact downstream water right holders inappropriately inserts water rights issues into UWMPs.

The first major issue of concern involves the bill’s mandates regarding urban water supplier’s that have a single reservoir constituting at least 50 percent of total water supply. Depending on the circumstances and how the bill is implemented either Pardee or Camanche reservoirs could be considered as constituting at least 50 percent of EBMUD’s total water supply. EBMUD operates these reservoirs as a joint system that is adaptively managed for flood control and environmental stewardship. In early May, Camanche Reservoir was at less than 50 percent capacity to account for expected snow melt and to maintain cold water pool in Pardee Reservoir that is critical to the Mokelumne River fishery.

Under AB 754, EBMUD could be forced to impose “demand management measures” including conservation requirements on its customers at a time when conservation is not needed. Alternatively, EBMUD could decide to release water from Pardee Reservoir into Camanche Reservoir to avoid imposing conservation mandates on customers. However, such releases would endanger EBMUD’s ability to maintain a cold-water pool for the Mokelumne River fishery contradicting one of the author’s stated benefits of the bill.

In addition, imposing a one-size fits all approach to reservoir management and conservation takes away appropriate local control and authority for drought and water shortage contingency planning that accounts for the differences among urban water suppliers and their water supplies. Local control was a hallmark of the “Making Conservation a California Way of Life” legislative package that recognized those differences. The bill’s requirements are also duplicative of existing requirements and planning measures. Urban water suppliers are required to prepare an

annual water supply and demand assessment and submit an annual water shortage report to DWR every year. Suppliers must, and do, perform ongoing reassessments of water supply and demand conditions throughout the year.

The second issue is the potential conflict the bill creates with the multiple uses of reservoirs, including flood control, and how flood control operations are governed. The bill would require urban water suppliers to consider specific factors in determining target carryover storage levels. However, many water suppliers and owners/operators of reservoirs must abide by USACE flood control rules and regulations and cannot consider the factors specified in the bill when determining whether to release water from reservoirs for flood control purposes.

The third issue of concern is the insertion of language mentioning water rights in a section of law relating to UWMPs. The bill would require UWMPs, as part of a narrative describing water demand management measures, to include a description of “other demand management measures that have a significant impact on water used by downstream water rights holders.” It is unclear what other demand management measures this refers to, why this has been included, or what the impact would be.

AB 754’s goal to protect storage for the benefit of environmental flows and cold water pools is consistent with EBMUD’s mission and efforts to protect the Mokelumne River fishery. Also, EBMUD shares the bill’s goal to advance demand management to conserve stored water. However, AB 754 does not take into account the integrated nature of water management, the critical nature of local control and authority in water use planning, and how reservoirs must be operated for flood control and other purposes, and pending water use efficiency regulations.

For these reasons, an oppose unless amended position is recommended to remove the current mandates and reference to water rights and instead require urban water suppliers to include additional information about water supply reservoirs and the operations of those reservoirs in UWMPs or annual water supply and demand assessments. Alternatively, the amendments could exclude reservoirs on a single stream that are jointly managed by a single water agency to provide environmental benefits and flood control in addition to water supply.

Regarding anticipated costs and benefits to EBMUD and its ratepayers, AB 754 could be harmful to EBMUD ratepayers because of the potential to impact EBMUD’s reservoir operations, the Mokelumne River fishery, and requiring customers conserve water when EBMUD has enough water supply to meet demand.

An oppose unless amended position is consistent with EBMUD’s 2023 state initiative to protect and advance EBMUD’s interests in the context of its water supply reliability and resiliency, including the use of recycled water, water rights and the Mokelumne River fishery.

EBMUD has previously taken positions on legislation related to water management planning as well as legislation related to reservoir operations. EBMUD supported AB 1668 (Friedman) and SB 606 (Hertzberg) to implement the Brown administration’s “Making Water Conservation a

California Way of Life” framework. Both bills were signed into law in 2018 (Chapter 15 and Chapter 14, respectively). Earlier this year, EBMUD’s Board adopted a support position on AB 30 (Ward) to ensure the Department of Water Resources can continue to improve atmospheric prediction models which could allow for more flexibility in reservoir operations to support water management decisions and flood mitigation. AB 30 is pending in the legislature.

The official support and opposition list to AB 754 is shown below.

Support

California Coastkeeper Alliance
Coachella Valley Waterkeeper
Humboldt Baykeeper
Inland Empire Waterkeeper
Los Angeles Waterkeeper
Monterey Waterkeeper
Orange County Coastkeeper
Russian Riverkeeper
San Diego Coastkeeper
Santa Barbara Channelkeeper
Sierra Club California
The Otter Project

Opposition

Association of California Water Agencies
California Municipal Utilities Association
Irvine Ranch Water District

**AB 755
(Papan)**

**WATER: PUBLIC ENTITY:
COST-OF-SERVICE ANALYSIS**

**OPPOSE UNLESS
AMENDED**

The California Constitution (Proposition 218 and Proposition 26) place restrictions on how local agencies use fees, charges, or special assessments, including property-related services, to cover the cost of providing services. Local agencies bear the burden of proving that levies, charges, or other exactions are not taxes and that the amount charged is no more than necessary to cover the reasonable costs of the government activity or service provided. Existing law requires public agencies providing utility service to complete a cost-of-service study at least once every 10 years that addresses the cost of providing service to public schools, as well as requires that water and wastewater connection fees and capacity charges be solely expended for the purposes they are collected.

AB 755, as amended on May 18, 2023, is intended to provide a method to determine how high-water users are driving up water system costs. Specifically, the bill:

- requires public entities that provide retail water service and are urban water suppliers that conduct a cost-of-service analysis (also called a cost-of-service study) to identify the “total incremental costs incurred by all the major water users in the single-family residential class” and the “total incremental costs that would be avoided if major water users met a specified efficiency goal;”
- requires urban water suppliers to include in their cost-of-service analysis information about the total incremental costs incurred by major water users in the single-family residential class and the costs that could be avoided if those users met a specified efficiency goal; and
- defines various terms for purposes of the bill including:
 - cost-of-service analysis is the analysis conducted to determine water usage patterns and demands placed on the system by various customer classes;
 - efficiency goal as the standards for outdoor residential use, outdoor commercial, industrial, and institutional use, and water loss volume adopted by the State Water Resources Control Board applied to an individual household;
 - incremental costs as the costs of water service that an urban water supplier incurs as a result of the use of water by the suppliers’ major water users, including examples specified in the bill such as demand management measures, uses of recycled water, securing dry year supplies, and energy costs for delivering water; and
 - major water users as the top 10 percent of water users in a given customer class since the last cost-of-service analysis.

According to the author, “all too often, the maximum demand for water is driven by the customers that use the most, and affluent single family residences are notorious for using excessive amounts of water for outdoor irrigation...the largest water users are a driving force behind the public utility’s need for larger supply, increased infrastructure, and efforts to conserve the system’s water. These investments increase the public water utility’s overall costs and can raise rates for all customers.” The author contends that many of the public utilities costly investments are unnecessary for people who conserve water and keep demand low... “as a result, customers who conserve may be required to subsidize rising costs for those who use the most.” AB 755’s requirements will “shine an important light on the root cause of rising costs” and by publicizing information on what the overall cost savings could be if major water users had to meet efficiency targets will create additional incentives for major water users to conserve.

Issues of concern with AB 755 fall into three main categories: 1) the bill forces water agencies to introduce uncertainty in their cost-of-service analysis by reporting on the hypothetical incremental cost savings that could be achieved if the largest users were to become more efficient, thus potentially creating a significant liability for urban water agencies under Proposition 218; 2) the bill wrongly assumes that the largest users are subsidized by the more efficient water users and driving up water rates; and 3) the bill would require water agencies to report on individual outdoor water use which runs contrary to current law and pending regulations which will require water agencies to report an overall water use objective for the agency’s service area.

The first major issue is that the bill does not adequately consider the constitutional requirements urban water suppliers must meet to ensure that rates and fees are reasonable and proportional to the benefit customers receive. Detailed cost-of-service studies ensure that rates and fees are allocated in a manner that is reasonable and proportional. AB 755 would require urban water suppliers to include hypothetical information in cost-of-service studies about costs that could be avoided if major water users met a specified efficiency goal. EBMUD uses cost-of-service studies to set equitable rates and allocate costs, so customers are paying a proportionate share of costs and one set of customers are not subsidizing another in accordance with constitutional requirements. AB 755 would force urban water suppliers, including EBMUD, to introduce a hypothetical analysis in its cost-of-service studies, providing uncertainty in the study that could then be used to challenge water rates under Proposition 218.

The second issue is the bill wrongly assumes that the largest users are subsidized by more efficient water users and driving up water rates. As previously discussed, EBMUD sets equitable rates so that the largest users pay a proportionate share for their water use. Assuming the highest water users alone are the reason for increasing rates oversimplifies the problem of rising costs. Aging infrastructure and the need to diversify supplies to address the impacts of climate change are some of the main drivers of cost.

The third issue is the bill would inappropriately require urban water suppliers to apply a water use efficiency goal to individual households to report on the incremental cost savings in a cost-of-service study. This approach is inconsistent with the intent of the “Making Conservation a California Way of Life” legislation that EBMUD supported to require urban water suppliers to report an overall water use objective. Having to track and report individual household water use efficiency would be onerous and costly.

An oppose unless amended position on AB 755 is recommended to develop an alternative approach to report on the highest users of water or the incremental costs of water that would not insert uncertainty in cost-of-service studies and subject urban water suppliers to Proposition 218 liability. For example, urban water suppliers could include information on the largest users in cost-of-service studies but not report on the incremental cost savings if the largest users become more water use efficient. Additionally, the amendments would remove the language requiring urban water suppliers to track an individual household’s water use efficiency.

Regarding anticipated costs and benefits to EBMUD and its ratepayers, AB 755 could be harmful to EBMUD ratepayers as it would insert uncertainty into cost-of-service studies that would expose EBMUD to liability and rate challenges under Proposition 218. In addition, having to report individual household water use efficiency would result in increased costs to EBMUD.

A position on AB 755 would be consistent with EBMUD’s 2023 legislative initiative to protect and advance EBMUD’s interests in the context of its water supply reliability and resiliency.

EBMUD has previously taken positions on legislation related to Proposition 218. In 2020, EBMUD supported SB 1386 (Moorlach) that amended the Proposition 218 Omnibus Implementation Act to clarify that property-related service charges may include funding water services related to fire protection. SB 1386 was signed into law (Chapter 240 of 2020).

Existing law authorizes a public entity that supplies water at retail or wholesale within its service area to adopt, in accordance with specified procedures, and enforce a water conservation program.

The official support and opposition list to AB 755 is shown below.

Support

California Coastkeeper Alliance (sponsor)
Coachella Valley Waterkeeper
Community Water Center
Humboldt Baykeeper
Inland Empire Waterkeeper
laane (Los Angeles Alliance for A New Economy)
Mono Lake Committee
Monterey Waterkeeper
Orange County Coastkeeper
River in Action
Russian Riverkeeper
San Diego Coastkeeper
Santa Barbara Channelkeeper
Save the Sonoma Coast
SEE (Social Eco Education)
Somos Familia Valle
South Yuba River Citizens League
Western Center on Law & Poverty
Yuba River Waterkeeper

Opposition

Association of California Water Agencies
California Municipal Utilities Association
Irvine Ranch Water District

AB 1337 **STATE WATER RESOURCES CONTROL** **OPPOSE UNLESS**
(Wicks) **BOARD: WATER DIVERSION** **AMENDED**
 CURTAILMENT

Existing law vests the State Water Resources Control Board (SWRCB) with the authority to adopt reasonable rules and regulations to carry out its statutory powers and duties. Existing law also authorizes the SWRCB to adopt emergency regulations in certain conditions of severe drought to prevent waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion, of water, to promote water recycling or water conservation, to require curtailment of diversions when water is not available under the diverter’s priority of right, or in furtherance of any of the foregoing, to require reporting of diversion or use, or the preparation of monitoring reports.

Existing law authorizes the SWRCB to administer water resources and regulate the exercise of water rights by issuing permits and licenses to water users who initiated a water right after 1914 and to impose conditions on the exercise of such rights which are required or authorized by law. Persons who use water under a water right initiated before that date, or under a riparian right, are exempt from the requirement to obtain a permit or license but are subject to certain enforceable limitations on diversion and use. Existing law establishes the Water Rights Fund (Fund), which consists of various fees and penalties. The moneys in the Fund are available upon appropriation by the legislature for the administration of the SWRCB’s water rights program.

AB 1337 (Wicks), as amended on May 18, 2023, would:

- authorize the SWRCB to issue a curtailment order for any diversion regardless of basis of right when water is not available under the diverter’s priority of right;
- direct the SWRCB to adopt regulations to implement its curtailment order authority; and
- make failure to comply with a curtailment order a trespass and authorize the SWRCB to issue a cease-and-desist order when a water right holder fails to curtail diversion when water is unavailable under the water right’s holder’s priority of right.

AB 1337 has been amended several times since it was introduced, and the amendments have narrowed the scope of the bill to clarify the SWRCB has the authority to curtail pre-1914 water right holders in response to a recent appellate case, *California Water Curtailment Cases* (2022) 83 Cal.App.5th 164. Certain Delta water agencies challenged the SWRCB’s authority, under Water Code § 1052(a), to curtail pre-1914 water right holders. The Court of Appeal held that the SWRCB did not have the authority to curtail pre-1914 water right holders under Section 1052(a), but suggested that, had the SWRCB issued the curtailment order under an emergency regulation rather than Section 1052(a), it may have had the authority to curtail pre-1914 water right holders. AB 1337 was substantially amended on April 20 to grant new and explicit statutory authority for the SWRCB to curtail water rights “regardless of basis of right”—which effectively extends curtailment authority to pre-1914 and riparian rights. The May 18 amendments require the SWRCB to adopt regulations for issuing curtailment orders. AB 1337, for the first time, permits the SWRCB to curtail during times other than drought emergencies, whenever water is “not available under the diverter’s priority of right.”

There are two remaining issues of concern with AB 1337 for EBMUD. First, the April 20 amendments would permit the SWRCB to issue curtailment orders during any water year type “when water is not available under the diverter’s priority of right.” Curtailment is a significant issue for EBMUD even under SWRCB’s existing authority, which is limited to emergency drought conditions. Outcomes are unpredictable because the SWRCB decides whether water is available for diversion using a complicated methodology. Expanding curtailment authority will increase EBMUD’s exposure to this risk. Second, the Board could issue a curtailment order and require EBMUD to stop diverting into storage cold water runoff during abnormally low rainfall or dry years—but outside a drought emergency—which could be harmful to the Mokelumne River fishery.

An oppose unless amended position is recommended to:

- limit the issuance of curtailment orders to critically dry years;
- define critically dry years to be determined using year-types in existing water rights decisions for a watershed or a stream for which curtailments are being considered (e.g., the Mokelumne is subject to SWRCB D-1641 which defines critically dry year based on Mokelumne-specific conditions); and
- require the regulations to develop “water year type” definitions that are watershed-specific or stream-specific (where they do not exist) and to consider watershed priorities and existing settlement agreements or contractual arrangements.

An oppose unless amended position on AB 1337 is consistent with our state legislative initiative to protect and advance EBMUD’s water supply reliability and resiliency. Regarding anticipated costs and benefits to EBMUD and its ratepayers, AB 1337 could be harmful to EBMUD ratepayers because of the potential impact to EBMUD’s access to Mokelumne River water supplies and harm to the Mokelumne River fishery.

The official support and opposition list to AB 1337 is shown below.

Support

California Coastkeeper Alliance (co-sponsor)
Planning and Conservation League (co-sponsor)
Mono Lake Committee
Ban SUP (single use plastic)
California Environmental Voters
California Trout
Clean Water Action
Coachella Valley Waterkeeper
Defenders of Wildlife
Friends of the Eel River
Friends of the River

Humboldt Baykeeper
Inland Empire Waterkeeper
Los Angeles Waterkeeper
Mono Lake Committee
Monterey Waterkeeper
Orange County Coastkeeper
Russian Riverkeeper
San Diego Coastkeeper
Santa Barbara Channelkeeper
South Yuba River Citizens League
Trout Unlimited
Union of Concerned Scientists
Wholly H2O
Yuba River Waterkeeper

Opposition

Agricultural Council of California
Antelope Valley East Kern Water Agency
Association of California Water Agencies
Byron-Bethany Irrigation District
California Association of Winegrape Growers
California Building Industry Association
California Business Properties Association
California Cattlemen's Association
California Chamber of Commerce
California Farm Bureau Federation
California Manufacturers & Technology Association
California Municipal Utilities Association
California Special Districts Association
Carmichael Water District
Central Delta Water Agency
City of Corona
City of Roseville
Coachella Valley Water District
Coastside County Water District
County of San Joaquin
Cucamonga Valley Water District
Desert Water Agency
Dunnigan Water District
East Turlock Subbasin Groundwater Sustainability Agency
Elk Grove Water District
Elsinore Valley Municipal Water District
Friant Water Authority

Humboldt Bay Municipal Water District
Imperial Irrigation District
Irvine Ranch Water District
Kern County Water Agency
Lake Arrowhead Community Services District
Manteca Chamber of Commerce
McKinleyville Community Services District
Mesa Water District
Metropolitan Water District of Orange County
Modesto Irrigation District
Mojave Water Agency
Montecito Water District
Napa County Flood Control and Water Conservation District
Northern California Water Association
Oakdale Irrigation District
Placer County Water Agency
Regional Water Authority
Rosedale-Rio Bravo Water Storage District
Rowland Water District
San Francisco Public Utilities Commission
San Gabriel Valley Municipal Water District
San Geronio Pass Water Agency
San Juan Water District
San Luis Delta-Mendota Water Authority
Santa Clarita Valley Water Agency
Santa Margarita Water District
Solano County Water Agency
Solano Irrigation District
South San Joaquin Irrigation District
Southern California Water Coalition
Stockton East Water District
Tehachapi-cummings County Water District
Three Valleys Municipal Water District
Tranquility Irrigation District
Tri-county Water Authority
Tuolumne County Water Agency
Tuolumne Utilities District
Turlock Irrigation District
United Water Conservation District
Valley Center Municipal Water District
Walnut Valley Water District
Western Growers Association
Western Municipal Water District
Wine Institute

Yuba Water Agency

FEDERAL LEGISLATION

**RECOMMENDED
POSITION**

**H.R. 2964
(McClain)
S. 1350
(Merkley)**

**WASTEWATER INFRASTRUCTURE
POLLUTION PREVENTION AND
ENVIRONMENTAL SAFETY ACT**

SUPPORT

H.R. 2964 (McClain) and S. 1350 (Merkley) are identical companion measures known as the Wastewater Infrastructure Pollution Prevention and Environmental Safety Act (WIPPES Act) and are substantially similar to H.R. 4602 (Lowenthal) and S. 3956 (Merkley), on which the Board adopted “support” positions in 2022. The WIPPES Act is intended to address the problem of non-flushable wipes being flushed into, and creating obstructions in, sewer and wastewater systems.

The WIPPES Act would create a national standard for the labeling of non-flushable disposable wet wipes, essentially adopting national wet wipe labeling requirements similar to California’s requirements established by AB 818 (Bloom) in 2021, which EBMUD supported. The WIPPES Act would primarily do two things: 1) require manufacturers of non-flushable wet wipes to label the products clearly and conspicuously with “DO NOT FLUSH” notices and symbols; and 2) set fines for not complying with the labeling requirements. The WIPPES Act would also preempt state “DO NOT FLUSH” labeling requirements. However, as the WIPPES Act essentially adopts California’s labeling requirements, the WIPPES Act would apply California’s requirements nationwide, so the WIPPES Act preemption language is not of concern.

According to the California Association of Sanitation Agencies, due to the lack of proper disposal instructions “consumers unwittingly end up flushing these single-use, synthetic wipes that can clog pipes, pumps, and treatment equipment...establishing commonsense ‘Do Not Flush’ labeling practices designed to address this problem at the source” helps ensure these wipes do not make their way into wastewater systems.

When items, such as wet wipes, that are not designed for safe disposal in the sewer system are flushed, these items can cause sewer blockages and backups at homes, businesses and in sewer collection systems, as well as potentially damage sewer lines and lead to costly sanitary sewer overflows. These materials can also clog machinery at the wastewater treatment plant, resulting in increased costs for sewage treatment.

For EBMUD, significant amounts of fibrous material have been found when cleaning the digesters at the Main Wastewater Treatment Plant. This material is likely the result of non-flushable materials, such as wet wipes, being flushed into the system. The fibrous material catches grit and retains it in the digesters, causing problems for digester operations.

The WIPPES Act would help reduce the amount of non-flushable wet wipes being disposed into sewer systems, including EBMUD's wastewater treatment system, by ensuring that non-flushable wet wipes are properly labeled.

Regarding anticipated costs and benefits to EBMUD and its ratepayers, benefits are anticipated in terms of reducing the amount of maintenance required for cleaning pumps and other equipment that is currently required to deal with non-flushable material. Some cost savings could accrue in the form of reduced maintenance and decreased disposal costs. Additional costs are not expected to accrue because of the measure.

Support for H.R. 2964 and S. 1350 is consistent with EBMUD's support of H.R. 4602 (Lowenthal) and S. 3956 (Merkley) in 2022. Support for this measure is also consistent with support for state measures intended to reduce the amount of non-flushable wipes that are flushed into the sewer system, most recently AB 818 (Bloom), Chapter 590 of 2021, which established state labeling requirements for non-flushable wipes.

Consistent with other federal measures, there is no official support and opposition list for H.R. 2964 and S. 1350.

CCC:KCV:jw/dm

Attachments

This page is intentionally left blank.

AMENDED IN ASSEMBLY MAY 18, 2023

AMENDED IN ASSEMBLY MARCH 2, 2023

CALIFORNIA LEGISLATURE—2023–24 REGULAR SESSION

ASSEMBLY BILL

No. 388

Introduced by Assembly Member Connolly

February 2, 2023

An act to amend Section ~~4770~~ 4208 of, and to add Section ~~4771.5 to~~ 4208.2 to, the Public Resources Code, relating to forest resources.

LEGISLATIVE COUNSEL'S DIGEST

AB 388, as amended, Connolly. Wildfire and Forest Resilience Action Plan: implementation strategies: roadmap.

Existing law requires the Wildfire and Forest Resilience Task Force, including the Natural Resources Agency, the California Environmental Protection Agency, the Office of Planning and Research, and the Department of Forestry and Fire Protection, in coordination with certain public agencies, to develop a comprehensive implementation strategy to track and ensure the achievement of the goals and key actions identified in the Wildfire and Forest Resilience Action Plan, as provided.

Existing law establishes the Regional Forest and Fire Capacity Program to support regional leadership to build local and regional capacity and develop, prioritize, and implement strategies and projects that create fire adapted communities and landscapes by improving ecosystem health, community wildfire preparedness, and fire resilience. Under the program, the Department of Conservation is required to provide block grants to regional entities to develop regional strategies that develop governance structures, identify wildfire risks, foster collaboration, and prioritize and implement projects within the region

to achieve the program's goals. Existing law requires that regional priority strategy development be in coordination with public landowners and other relevant forest and fire planning efforts in wildfire and forest resiliency planning.

~~This bill would~~ *would, by January 1, 2025, require the Director of Forestry and Fire Protection, Department of Conservation, in consultation with the task force, force and its member agencies, to establish a roadmap for developing and deploying larger landscape level projects to contribute to the achievement of the goals outlined in the implementation strategy: guidelines for funding the implementation of the regional priority strategies, as provided, and to establish regional investment strategies to identify and align resources that support implementation of regional priority strategies that contribute to the goals and key actions identified in the implementation strategy. The bill would authorize the director conservancies, departments, and boards within the Natural Resources Agency to directly award regional block grants to eligible regional entities, forest collaboratives, and partnerships to implement regional plans, strategies, agreements, and initiatives. The bill would authorize the department to transfer funding to other state agencies and departments to achieve the goals and key actions identified in the implementation strategy. The bill would require the department to provide the task force and to post on its internet website a description, amount, and outcome of each regional block grant and fund transfer provided under the above provisions. grant.*

Vote: majority. Appropriation: no. Fiscal committee: yes.
State-mandated local program: no.

The people of the State of California do enact as follows:

- 1 SECTION 1. (a) The Legislature finds and declares both of
- 2 the following:
- 3 (1) High severity wildfire, tree mortality, and other major forest
- 4 disturbances increasingly occur across tens of thousands to
- 5 hundreds of thousands of acres of landscapes, yet funding awards
- 6 remain primarily scaled to, and directed at, a project level of
- 7 thousands of acres of landscape.
- 8 (2) The state is encouraging and funding regional collaboration
- 9 and planning processes to develop landscape scale solutions to
- 10 address high-severity wildfire and forest ~~health.~~ *health, including*
- 11 *watershed and habitat restoration.*

1 (b) It is the intent of the Legislature to match funding levels to
2 the scale of the problem and the scale of regionally developed
3 plans and projects.

4 ~~SEC. 2. Section 4770 of the Public Resources Code is amended~~
5 ~~to read:~~

6 ~~4770. For purposes of this article, the following definitions~~
7 ~~apply:~~

8 (a) ~~“Agreement” has the same meaning as set forth in Section~~
9 ~~4810.~~

10 (b) ~~“Forest collaborative” has the same meaning as set forth in~~
11 ~~Section 4810.~~

12 (c) ~~“Task force” has the same meaning as the task force~~
13 ~~described in Section 4005.~~

14 *SEC. 2. Section 4208 of the Public Resources Code is amended*
15 *to read:*

16 4208. For purposes of this article, the following definitions
17 apply:

18 (a) “Department” means the Department of Conservation.

19 (b) “Eligible coordinating organization” means a local
20 government, tribal government, resource conservation district,
21 joint powers authority, or nongovernmental organization with a
22 history of providing technical assistance and demonstrated capacity
23 to coordinate regional partners across the state.

24 (c) *“Forest collaborative” has the same meaning as set forth*
25 *in Section 4810.*

26 (d) *“Implementation strategy” means the comprehensive*
27 *implementation strategy developed under Section 4771.*

28 (e)

29 (e) “Program” means the Regional Forest and Fire Capacity
30 Program.

31 (d)

32 (f) “Regional entity” means a state conservancy, local
33 government, tribal government, resource conservation district,
34 joint powers authority, or nongovernmental organization with a
35 history of implementing related projects, demonstrated capacity
36 to work across regional partners, and ability to serve as fiscal
37 administrators for the program.

38 (e)

39 (g) “Statewide implementation” means identifying and
40 supporting regional entities in every part of the state that contains

1 or is adjacent to a very high or high fire hazard severity zone
 2 identified by the State Fire Marshal pursuant to Section 51178 of
 3 the Government Code or Article 9 (commencing with Section
 4 4201).

5 ~~SEC. 3. Section 4771.5 is added to the Public Resources Code,~~
 6 ~~to read:~~

7 ~~4771.5.—~~

8 *SEC. 3. Section 4208.2 is added to the Public Resources Code,*
 9 *to read:*

10 *4208.2. (a) The ~~director, department,~~ in consultation with the*
 11 *task force, force and its member agencies, by January 1, 2025,*
 12 *shall establish a roadmap for developing and deploying larger*
 13 *landscape level projects to contribute to the achievement of the*
 14 *goals outlined in the implementation strategy developed pursuant*
 15 *to Section 4771. both of the following:*

16 *(1) Guidelines for funding the implementation of regional*
 17 *priority strategies developed pursuant to Section 4208.1 that shall*
 18 *include monitoring and reporting requirements and other criteria*
 19 *determined as necessary to carry out the purposes of this article.*

20 *(2) Regional investment strategies to identify and align federal,*
 21 *state, local, tribal, and private sector resources that support*
 22 *implementation of regional priority strategies that contribute to*
 23 *achievement of the goals and key actions identified in the*
 24 *implementation strategy.*

25 *(b) To achieve the goals and key actions identified in the*
 26 *regional priority strategies, implementation strategy, the director*
 27 *and regional investment strategies, conservancies, departments,*
 28 *and boards within the Natural Resources Agency may directly*
 29 *award regional block grants to eligible regional entities, forest*
 30 *collaboratives, and partnerships to implement regional plans,*
 31 *strategies, agreements, and initiatives, including, but not limited*
 32 *to, regional priority strategies developed pursuant to Section 4208.1*
 33 *and multijurisdictional landscape-scale projects.*

34 ~~*(c) The department may transfer funding to other state agencies*~~
 35 ~~*or departments to achieve the goals and key actions identified in*~~
 36 ~~*the implementation strategy.*~~

37 ~~*(d)*~~

38 *(c) The department shall provide the task force and shall post*
 39 *on its internet website a description, amount, and outcome of each*

1 regional block ~~grant or fund transfer provided pursuant to this~~
2 ~~section.~~ *grant.*

O

AMENDED IN ASSEMBLY MAY 18, 2023

AMENDED IN ASSEMBLY APRIL 26, 2023

AMENDED IN ASSEMBLY MARCH 30, 2023

CALIFORNIA LEGISLATURE—2023–24 REGULAR SESSION

ASSEMBLY BILL

No. 460

**Introduced by Assembly Member Bauer-Kahan
(Principal coauthor: Assembly Member Friedman)**

February 6, 2023

An act to amend Sections 1055, 1055.2, 1126, and 1846 of, to add Sections 1051.2 and 1055.5 to, and to add Chapter 3.6 (commencing with Section 1115) to Part 1 of Division 2 of the Water Code, relating to water.

LEGISLATIVE COUNSEL'S DIGEST

AB 460, as amended, Bauer-Kahan. State Water Resources Control Board: water rights and usage: interim relief: procedures.

(1) Existing law authorizes the State Water Resources Control Board to investigate all streams, stream systems, lakes, or other bodies of water, take testimony relating to the rights to water or the use of water, and ascertain whether water filed upon or attempted to be appropriated is appropriated under the laws of the state. Existing law requires the board to take appropriate actions to prevent waste or the unreasonable use of water.

This bill would authorize the board, in conducting specified investigations or proceedings to inspect the property or facilities of a person or entity, as specified. The bill would authorize the board, if consent is denied for an inspection, to obtain an inspection warrant, as specified, or in the event of an emergency affecting public health and

safety, to conduct an inspection without consent or a warrant. Because the willful refusal of an inspection lawfully authorized by an inspection warrant is a misdemeanor, this bill would impose a state-mandated local program by expanding the application of a crime.

(2) Existing law authorizes the executive director of the board to issue a complaint to any person or entity on which administrative civil liability may be imposed pursuant to specified law, and requires the complaint to be served by personal notice or certified mail.

This bill would expand methods of notice for those purposes to include notice in accordance with the manner of service of a summons under specified provisions of the Code of Civil Procedure.

(3) Under existing law, the diversion or use of water other than as authorized by specified provisions of law is a trespass, subject to specified civil liability.

This bill would require the State Water Resources Control Board to adjust for inflation, by January 1 of each year, beginning in 2025, the amounts of civil and administrative liabilities or penalties imposed by the board in water right actions, as specified.

(4) The California Constitution requires the reasonable and beneficial use of water. ~~Under the public trust doctrine, the State Water Resources Control Board, among other state agencies, is required to take the public trust into account in the planning and allocation of water resources and to protect the public trust whenever feasible.~~ The board and the California regional water quality control boards are required to set forth water quality objectives in state and regional water quality control plans. Existing law establishes the Water Rights Fund, which consists of various fees and penalties. The moneys in the Water Rights Fund are available upon appropriation by the Legislature for the administration of the board's water rights program.

~~Existing law requires that the owner of any dam allow sufficient water at all times to pass through a fishway, or in the absence of a fishway, allow sufficient water to pass over, around, or through the dam, to keep in good condition any fish that may be planted or exist below the dam, as specified.~~

This bill would authorize the board to issue, on its own motion or upon the petition of an interested party, an interim relief order to a diverter or user of water in adjudicative proceedings to apply or enforce specified provisions of law related to water rights and quality. The bill would provide that a person or entity that violates any interim relief order issued by the board would be liable to the board for a civil penalty

in an amount not to exceed the sum of \$10,000 for each day in which a violation occurs and \$2,500 for each acre-foot of water diverted in violation of the interim relief order. The bill would require these funds to be deposited in the Water Rights Fund. The bill would make these provisions operative on January 1, 2025.

(5) Existing law authorizes any party aggrieved by any decision or order of the State Water Resources Control Board, not later than 30 days from the date of final action by the board, to file a petition for a writ of mandate for judicial review of the decision or order. Existing law requires a court to exercise its independent judgment on the evidence in any case involving the judicial review of certain cease and desist orders issued by the board and in any other case in which the court is authorized by law to exercise its independent judgment on the evidence.

This bill would require an aggrieved party to file a petition for reconsideration with the board to exhaust the party's administrative remedies before filing an action for judicial review of the board's decision or order under specified circumstances. The bill would require the scope of review of a board decision or order regarding interim relief to be the same as for a court of appeal review of a superior court decision granting or denying a preliminary injunction. The bill would generally prohibit, except as provided, a legal or equitable process from issuing in any proceeding in a court against the board or an officer of the board to review, prevent, or enjoin certain adjudicative proceedings or a decision or order of the board before a final decision or order of the board is issued.

(6) Existing law authorizes a person or entity in violation of a term or condition of a permit, license, certificate, or registration issued by, or an order or regulation adopted by, the board to be held civilly liable for an amount not to exceed \$500 for each day that the violation occurs.

The bill would increase the amount of civil liability for the above-described violations to \$1,500 for each day in which the violation occurs, \$10,000 for each day in which the violation occurs, and \$2,500 for each acre-foot of water diverted or used that amounted to the violation.

The California Constitution requires the state to reimburse local agencies and school districts for certain costs mandated by the state. Statutory provisions establish procedures for making that reimbursement.

This bill would provide that no reimbursement is required by this act for a specified reason.

Vote: majority. Appropriation: no. Fiscal committee: yes.
State-mandated local program: yes.

The people of the State of California do enact as follows:

1 SECTION 1. Section 1051.2 is added to the Water Code, to
 2 read:
 3 1051.2. (a) In conducting an investigation or proceeding
 4 specified in Section 275 or 1051, or in Article 7 (commencing with
 5 Section 13550) of Chapter 7 of Division 7, the board may inspect
 6 the property or facilities of a person or entity to ascertain whether
 7 the purposes of Section 100 and this division are being met or to
 8 ascertain compliance with any permit, license, certification,
 9 registration, decision, order, or regulation issued under Section
 10 275, this division, or Article 7 (commencing with Section 13550)
 11 of Chapter 7 of Division 7.
 12 (b) If consent to inspect is denied or otherwise withheld, the
 13 board is authorized to obtain an inspection warrant pursuant to the
 14 procedure set forth in Title 13 (commencing with Section 1822.50)
 15 of Part 3 of the Code of Civil Procedure for purposes of an
 16 inspection under this section. However, in the event of an
 17 emergency affecting the public health or safety, an inspection may
 18 be performed without consent or the issuance of a warrant.
 19 SEC. 2. Section 1055 of the Water Code is amended to read:
 20 1055. (a) The executive director of the board may issue a
 21 complaint to any person or entity on which administrative civil
 22 liability may be imposed pursuant to Section 1052, Section 1119,
 23 Article 4 (commencing with Section 1845) of Chapter 12 of Part
 24 2, or Section 5107. The complaint shall allege the act or failure to
 25 act that constitutes a trespass or violation, the provision of law
 26 authorizing civil liability to be imposed, and the proposed civil
 27 liability.
 28 (b) The complaint shall be served by personal notice or certified
 29 mail, or in accordance with the manner of service of a summons
 30 under Article 3 (commencing with Section 415.10) of, and Article
 31 4 (commencing with Section 416.10) of, Chapter 4 of Title 5 of
 32 Part 2 of the Code of Civil Procedure. The complaint shall inform
 33 the party served that the party may request a hearing not later than
 34 20 days from the date the party was served and that the board may
 35 adopt an order setting administrative civil liability based on the

1 allegations set forth in the complaint without a hearing if the party
2 does not sign a written request for a hearing that is delivered to,
3 or received by mail by, the board within 20 days after the date the
4 party was served. The hearing shall be before the board or a
5 member of the board, in accordance with Section 183.

6 (c) The board, after any necessary hearing, may adopt an order
7 setting administrative civil liability, or determining that a liability
8 shall not be imposed.

9 (d) Orders setting administrative civil liability shall become
10 effective and final upon issuance thereof and payment shall be
11 made.

12 SEC. 3. Section 1055.2 of the Water Code is amended to read:

13 1055.2. A person or entity shall not be subject to both civil
14 liability imposed under Section 1055 and civil liability imposed
15 by the superior court under Section 1052, Section 1119, or Article
16 4 (commencing with Section 1845) of Chapter 12 of Part 2 for the
17 same act or failure to act.

18 SEC. 4. Section 1055.5 is added to the Water Code, to read:

19 1055.5. (a) (1) The board shall adjust on an annual basis, by
20 January 1 of each year beginning in 2025, all civil and
21 administrative liabilities or penalties imposed by the board in an
22 action brought at the request of the board pursuant to this division,
23 to adjust the maximum amounts specified in this division for
24 inflation, as established by the amount by which the California
25 Consumer Price Index for the month of June of the year prior to
26 the adjustment exceeds the California Consumer Price Index for
27 June of the calendar year in which legislation was last enacted
28 establishing or amending the maximum amount of the liability or
29 penalty.

30 (2) The amount of any liability or penalty determined pursuant
31 to this subdivision shall be rounded as follows:

32 (A) To the nearest multiple of ten dollars (\$10) in the case of a
33 liability or penalty that is less than or equal to one hundred dollars
34 (\$100).

35 (B) To the nearest multiple of one hundred dollars (\$100) in the
36 case of a liability or penalty that is greater than one hundred dollars
37 (\$100), but less than or equal to one thousand dollars (\$1,000).

38 (C) To the nearest multiple of one thousand dollars (\$1,000) in
39 the case of a liability or penalty that is greater than one thousand

1 dollars (\$1,000), but less than or equal to ten thousand dollars
2 (\$10,000).

3 (D) To the nearest multiple of five thousand dollars (\$5,000) in
4 the case of a liability or penalty that is greater than ten thousand
5 dollars (\$10,000).

6 (3) Inflation adjustments made pursuant to this subdivision are
7 exempt from the requirements of Chapter 3.5 (commencing with
8 Section 11340) of Part 1 of Division 3 of Title 2 of the Government
9 Code. The updated civil and administrative liability or penalties
10 pursuant to the inflation adjustment shall be filed with the Secretary
11 of State and published in the California Code of Regulations.

12 (b) This section does not apply to any liability imposed under
13 Section 1538.

14 (c) The board shall report to the Legislature, in accordance with
15 Section 9795 of the Government Code, with regard to the
16 implementation of this section.

17 SEC. 5. Chapter 3.6 (commencing with Section 1115) is added
18 to Part 1 of Division 2 of the Water Code, to read:

19

20 CHAPTER 3.6. INTERIM RELIEF

21

22 1115. (a) The board may issue an interim relief order to a
23 diverter or user of water in adjudicative proceedings to apply or
24 enforce any of the following with respect to water held under any
25 basis of right:

26 (1) Section 2 of Article X of the California Constitution.

27 ~~(2) The public trust doctrine.~~

28 ~~(3)~~

29 (2) Water quality objectives or principles and guidelines adopted
30 under subdivision (b) of Section 13142, Section 13149, Section
31 13170, or *Section* 13241.

32 ~~(4)~~

33 (3) The requirements set forth in permits, licenses, certificates,
34 and registrations issued under Part 2 (commencing with Section
35 1200), including actions that invoke the board's reserved
36 jurisdiction or continuing authority.

37 ~~(5)~~

38 (4) Any provision in Division 1 (commencing with Section
39 100), this division, or Article 7 (commencing with Section 13550)
40 of Chapter 7 of Division 7.

1 ~~(6) Section 5937 of the Fish and Game Code.~~

2 (b) The board may commence an interim relief proceeding on
3 its own motion or upon the petition of an interested party. The
4 board shall not accept a petition that does not include all of the
5 following information:

6 (1) The name and mailing address of the petitioner.

7 (2) A description of the specific diversion or use of water that
8 the petitioner is contesting.

9 (3) A statement of the petitioner's interest in the contested
10 diversion or use of water.

11 (4) Identification of the adjudicative proceedings in which
12 interim relief is requested.

13 (5) A description of the harm or injury complained of.

14 (6) An explanation of the nexus between the diversion or use
15 and the alleged harm or injury.

16 (7) The relief the petitioner is requesting.

17 (8) A statement of reasons explaining why the relief is justified.

18 (9) Any additional information that the board may deem
19 appropriate.

20 (c) The board may dismiss a petition that does not raise
21 substantial issues that are appropriate for review.

22 (d) Except as provided in subdivision (e), the board shall provide
23 notice at least 10 days before the hearing date.

24 (e) The board may issue an interim order prior to the opportunity
25 for a hearing so long as the order includes a finding by the board
26 that immediate compliance is necessary to prevent imminent or
27 irreparable injury to other legal users of water, or to instream
28 beneficial uses.

29 (f) If the board issues an interim relief order prior to the
30 opportunity for a hearing, it shall, at the request of the party to
31 whom the order is issued, hold a hearing within 15 days of the date
32 the board receives the request for a hearing, unless the party to
33 whom the interim relief order is issued agrees to an extension of
34 that period.

35 (g) On or before December 31, 2024, the board shall adopt
36 regulations providing for a formal process for which any hearing
37 pursuant to this section is to be governed. The regulations may
38 include any of the following:

1 (1) Whether to provide that the evidence to be considered shall
2 be based on declarations under penalty of perjury, the testimony
3 of witnesses at the hearing, or both.

4 (2) Whether to consider oral or written legal argument that is
5 provided in a timely manner by the parties.

6 (3) A schedule by which the board will accept filed declarations,
7 exhibits, and written arguments prior to a hearing pursuant to this
8 section.

9 (4) Any other evidentiary or procedural rules the board deems
10 necessary and appropriate to carry out this section.

11 (h) If the board issues an interim relief order pursuant to
12 subdivision (e), the interim relief order shall remain in effect for
13 a period not to exceed 180 days unless the party to whom the
14 interim relief order is issued agrees to an extension of that period.
15 This subdivision is not a limitation on the authority of the board
16 to issue any additional interim relief in response to changed
17 circumstances.

18 (i) In determining whether to provide interim relief, and the
19 nature and extent of the relief, the board shall consider all relevant
20 circumstances, including available information concerning the
21 effects on other legal users of water, fish, wildlife, and other
22 instream beneficial uses, the extent of harm, the necessity for relief,
23 and any appropriate measures to minimize any adverse effects of
24 providing interim relief. Sufficient grounds shall exist for interim
25 relief upon the same showing as would be required for a superior
26 court to grant a preliminary injunction.

27 (j) Any party aggrieved by an interim relief order may, not later
28 than 15 days after the hearing provided for in subdivision (f), file
29 a petition for a writ of mandate for review of the decision or order.
30 Reconsideration before the board shall not be an administrative
31 remedy that is required to be exhausted before filing a petition for
32 writ of mandate.

33 (k) Section 1094.5 of the Code of Civil Procedure shall govern
34 judicial proceedings pursuant to subdivision (j).

35 1115.5. (a) As part of the interim relief order, the board may
36 require a water diverter or user to do any of the following:

37 (1) Cease all harmful practices.

38 (2) Employ specific procedures and operations to prevent or
39 mitigate the harm.

1 (3) Complete technical and monitoring work and prepare and
2 submit reports on that work, including draft environmental
3 documentation.

4 (4) Participate in, and provide funding for, studies that the board
5 determines are reasonably necessary to evaluate the impact of the
6 diversion or use that is the subject of the adjudicative proceeding.

7 (5) Reimburse the board's expenses for the preparation of any
8 necessary environmental documentation.

9 ~~(6) Take other required action.~~

10 (b) The board shall set a schedule for compliance with any
11 interim relief order.

12 1116. If the board orders interim relief, the board shall set a
13 schedule, as soon as reasonably possible, for the board's
14 consideration of permanent relief. The schedule shall include
15 actions that the water diverter or user is required to undertake to
16 ensure timely consideration of the permanent relief. The actions
17 required of the water diverter or user may include, but are not
18 limited to, the completion of technical and monitoring work, the
19 preparation and submittal of reports on that work, including draft
20 environmental documentation, and the reimbursement of the
21 board's expenses. Any permanent relief shall be granted after
22 notice and an opportunity for a hearing.

23 1116.5. Notwithstanding Section 15300.2 of Title 14 of the
24 California Code of Regulations, actions of the board under this
25 chapter shall be deemed to be within the meaning of Section 15308
26 of Title 14 of the California Code of Regulations.

27 1117. The board may review and revise any part of an interim
28 relief order at any time after notice to all interested parties and an
29 opportunity for a hearing. If a hearing is requested, the board shall
30 establish the hearing date within 15 calendar days and shall not
31 review or revise the interim relief order until the hearing occurs.

32 1117.5. The issuance or denial of an interim relief order by the
33 board does not alter the burdens of proof or the burdens of coming
34 forward with respect to the board's final decision on the merits in
35 the adjudicative proceeding in which interim relief is requested.

36 1118. This chapter is not a limitation on the jurisdiction of any
37 court or agency over any matter within that court or agency's
38 jurisdiction.

39 1118.5. If a water diverter or user does not comply with an
40 interim relief order, the Attorney General, upon the request of the

1 board, shall petition the superior court for prohibitory or mandatory
 2 injunctive relief, as necessary, through the issuance of a temporary
 3 restraining order, preliminary injunction, or permanent injunction.

4 1119. (a) (1) Any person or entity that violates an interim
 5 relief order issued by the board is liable for a civil penalty not to
 6 exceed the sum of the following:

7 (A) Ten thousand dollars (\$10,000) for each day in which a
 8 violation occurs.

9 (B) Two thousand five hundred dollars (\$2,500) for each
 10 acre-foot of water diverted in violation of the interim relief order.

11 (2) Civil liability may be imposed by the superior court. The
 12 Attorney General, upon request of the board, shall petition the
 13 superior court to impose the liability. The Superior Court shall
 14 impose the civil penalty if it determines by a preponderance of the
 15 evidence that the water diverter or user subject to the interim relief
 16 order has violated the order.

17 (3) Civil liability may be imposed administratively by the board
 18 pursuant to Section 1055.

19 (b) In determining the appropriate amount, the court or board,
 20 as the case may be, shall consider all the relevant circumstances,
 21 including the extent of harm caused by the violation, the nature
 22 and persistence of the violation, the length of time over which the
 23 violation occurs, and any corrective action undertaken by the
 24 violator.

25 (c) All funds recovered pursuant to this section shall be
 26 deposited in the Water Rights Fund.

27 (d) Remedies under this section are in addition to, and do not
 28 supersede or limit, any and all other remedies, civil or criminal.

29 1119.5. This chapter does not limit any authority held by the
 30 board under this code or any other provision of law.

31 1119.6. This chapter shall become operative on January 1,
 32 2025.

33 SEC. 6. Section 1126 of the Water Code is amended to read:

34 1126. (a) It is the intent of the Legislature that all issues
 35 relating to state water law decided by the board be reviewed in
 36 state courts, if a party seeks judicial review. It is the intent of the
 37 Legislature that judicial review of a final decision or order of the
 38 board shall be in accordance with this section. It is further the
 39 intent of the Legislature that the courts assert jurisdiction and
 40 exercise discretion to fashion appropriate remedies pursuant to

1 Section 389 of the Code of Civil Procedure to facilitate the
2 resolution of state water rights issues in state courts.

3 (b) Any party aggrieved by any decision or order may, not later
4 than 30 days from the date of final action by the board, file a
5 petition for a writ of mandate for review of the decision or order.
6 An aggrieved party shall file a petition for reconsideration with
7 the board to exhaust that party's administrative remedies before
8 filing an action under this section, or under Section 21167 of the
9 Public Resources Code if the board is a respondent in connection
10 with its issuance of an order or decision subject to this chapter,
11 only if the initial decision or order is issued under authority
12 delegated to an officer or employee of the board. The time for
13 filing the petition for writ of mandate and the time for filing an
14 action or proceeding in which the board is a respondent under
15 Section 21167 of the Public Resources Code shall be extended for
16 any person who seeks reconsideration by the board pursuant to
17 this article.

18 (c) Section 1094.5 of the Code of Civil Procedure shall govern
19 judicial proceedings under this section. The scope of review of a
20 decision or order issued under Chapter 3.6 (commencing with
21 Section 1115) shall be the same as for a court of appeal review of
22 a superior court decision granting or denying a preliminary
23 injunction.

24 (d) If no aggrieved party petitions for a writ of mandate within
25 the time provided by this section, the decision or order of the board
26 is not subject to review by any court.

27 (e) In any court case reviewing a decision or order by the board
28 relating to a permit or license to appropriate water held by the state
29 through the department or any other state agency, or to a permit
30 or license to appropriate water held by the United States through
31 the Bureau of Reclamation or any other federal agency, the election
32 by the United States, or any agency thereof, not to be a party shall
33 not, in and of itself, be the basis for dismissal pursuant to Section
34 389 of the Code of Civil Procedure or any other provision of law.

35 (f) Except as provided in this section, a legal or equitable process
36 shall not issue in a proceeding in a court against the board or an
37 officer of the board to review, prevent, or enjoin either of the
38 following:

39 (1) An adjudicative proceeding under this division.

1 (2) A decision or order of the board before a final decision or
2 order is issued.

3 SEC. 7. Section 1846 of the Water Code is amended to read:

4 1846. (a) (1) A person or entity may be liable for a violation
5 of paragraph (2) in an amount not to exceed the sum of the
6 following:

7 (A) One thousand five hundred dollars (\$1,500) for each day
8 in which the violation occurs.

9 (B) Ten thousand dollars (\$10,000) for each day in which the
10 violation occurs.

11 (C) Two thousand five hundred dollars (\$2,500) for each
12 acre-foot of water diverted or used that amounted to the violation.

13 (2) (A) A term or condition of a permit, license, certificate, or
14 registration issued under this division.

15 (B) A regulation or order adopted by the board.

16 (b) Civil liability may be imposed pursuant to subparagraph (B)
17 or (C) of paragraph (1) of subdivision (a) by the superior court.
18 The Attorney General, upon the request of the board, shall petition
19 the superior court to impose, assess, and recover those sums.

20 (c) Civil liability may be imposed pursuant to subparagraph (A)
21 of paragraph (1) of subdivision (a) administratively by the board
22 pursuant to Section 1055.

23 SEC. 8. No reimbursement is required by this act pursuant to
24 Section 6 of Article XIII B of the California Constitution because
25 the only costs that may be incurred by a local agency or school
26 district will be incurred because this act creates a new crime or
27 infraction, eliminates a crime or infraction, or changes the penalty
28 for a crime or infraction, within the meaning of Section 17556 of
29 the Government Code, or changes the definition of a crime within
30 the meaning of Section 6 of Article XIII B of the California
31 Constitution.

AMENDED IN ASSEMBLY MAY 18, 2023

AMENDED IN ASSEMBLY APRIL 25, 2023

AMENDED IN ASSEMBLY MARCH 9, 2023

CALIFORNIA LEGISLATURE—2023–24 REGULAR SESSION

ASSEMBLY BILL

No. 754

Introduced by Assembly Member Papan

February 13, 2023

An act to amend Sections ~~10620~~, 10631, ~~and 10826~~ 10632, and 10826.2 of the Water Code, relating to water.

LEGISLATIVE COUNSEL'S DIGEST

AB 754, as amended, Papan. Water management planning: ~~automatic conservation plan~~. *water shortages*.

(1) Existing law, the Urban Water Management Planning Act, requires every public and private urban water supplier that directly or indirectly provides water for municipal purposes to prepare and adopt an urban water management plan. Existing law requires an urban water management plan to quantify past, current, and projected water use, identifying the uses among water use sectors, including, among others, commercial, agricultural, and industrial. Existing law requires an urban water management plan to identify and quantify, to the extent practicable, the existing and planned sources of water available to the supplier over a specified period of time, providing supporting and related information, including, among other things, a description of the management of each supply in correlation with the other identified supplies when multiple sources of water supply are identified. *Existing law requires an urban water management plan to include a narrative*

relating to water demand management measures implemented over the prior 5 years.

~~This bill would require an urban water management plan, if a reservoir is identified as an existing or planned source of water available to the supplier, to include specified information related to water storage and conservation, including, among other things, a target water supply storage curve, calculated based on target carryover levels of water sufficient to satisfy water users and streamflow requirements, as specified, and an automatic conservation plan that would be implemented when the reservoir storage level falls below the target water supply storage curve. The bill would require the automatic conservation plan to contain specified information related to water storage, including, among other things, reservoir storage levels relative to a target water supply storage curve that will trigger shortage response actions.~~

This bill would require an urban water management plan to include in that narrative any demand management measures that have a significant impact on water used by downstream water rights holders.

(2) Existing law requires every urban water supplier to prepare and adopt a water shortage contingency plan as part of its urban water management plan. Existing law requires the water shortage contingency plan to include procedures for an annual water supply and demand assessment, including the data inputs and assessment methodology used to evaluate the urban water supplier's water supply reliability for the current year and one dry year.

This bill would require a water shortage contingency plan to include a target water supply storage curve for a reservoir, if that reservoir constitutes at least 50% of the total water supply for the urban water supplier, based on target carryover levels sufficient to satisfy water users, ecological streamflow needs, and water quality needs, as specified. The bill would require a water shortage contingency plan to include reservoir shortage levels relative to the target water supply storage curve that will trigger specified shortage response actions.

~~(2)~~

(3) Existing law requires an agricultural water supplier to prepare and adopt an agricultural water management plan with specified components on or before December 31, 2012, and to update those plans on or before December 31, 2015, and on or before April 1, 2021, and thereafter on or before April 1 in the years ending in 6 and one. Existing law requires an agricultural water supplier to submit its plan to the

Department of Water Resources no later than 30 days after the adoption of the plan and requires the department to review an agricultural water management plan and notify an agricultural water supplier if the department determines that it is noncompliant, as provided. Existing law requires an agricultural water supplier to submit copies of its plan to specified entities no later than 30 days after the department’s review of the plan and requires the department to submit its report summarizing the status of the plans to the Legislature on or before April 30 in the years ending in 7 and 2. *Existing law requires an agricultural water supplier to include a drought plan as part of its agricultural water management plan. Existing law requires the drought plan to describe the agricultural water supplier’s actions relating to drought preparedness and management of water supplies and allocations during drought conditions, as provided.*

~~This bill would additionally require an agricultural water management plan, if a reservoir is identified as an existing or planned source of water available to the supplier, to include specified information related to water storage and conservation, including, among other things, a target water supply storage curve, calculated as provided, and an automatic conservation plan that is implemented when the reservoir storage level falls below the target water supply storage curve. The bill would require the automatic conservation plan to contain specified information regarding, among other things, response actions to be taken when water storage falls to specified storage levels.~~

This bill would require a drought plan to include a target water supply storage curve for a reservoir, if that reservoir constitutes at least 50% of the total water supply for the agricultural water supplier, based on target carryover levels sufficient to satisfy water users, ecological streamflow needs, and water quality needs, as specified. The bill would require the drought plan to include reservoir shortage levels relative to the target water supply storage curve that will trigger specified shortage response actions.

Vote: majority. Appropriation: no. Fiscal committee: yes.
State-mandated local program: no.

The people of the State of California do enact as follows:

1 SECTION 1. ~~Section 10620 of the Water Code is amended to~~
2 read:

1 ~~10620. (a) Every urban water supplier shall prepare and adopt~~
2 ~~an urban water management plan in the manner set forth in Article~~
3 ~~3 (commencing with Section 10640).~~
4 ~~(b) Every person that becomes an urban water supplier shall~~
5 ~~adopt an urban water management plan within one year after it~~
6 ~~has become an urban water supplier.~~
7 ~~(c) An urban water supplier indirectly providing water shall not~~
8 ~~include planning elements in its water management plan as~~
9 ~~provided in Article 2 (commencing with Section 10630) that would~~
10 ~~be applicable to urban water suppliers or public agencies directly~~
11 ~~providing water, or to their customers, without the consent of those~~
12 ~~suppliers or public agencies.~~
13 ~~(d) (1) An urban water supplier may satisfy the requirements~~
14 ~~of this part by participation in areawide, regional, watershed, or~~
15 ~~basinwide urban water management planning where those plans~~
16 ~~will reduce preparation costs and contribute to the achievement of~~
17 ~~conservation, efficient water use, and improved local drought~~
18 ~~resilienece.~~
19 ~~(2) Notwithstanding paragraph (1), each urban water supplier~~
20 ~~shall develop its own water shortage contingency plan and~~
21 ~~automatic conservation plan, but an urban water supplier may~~
22 ~~incorporate, collaborate, and otherwise share information with~~
23 ~~other urban water suppliers or other governing entities participating~~
24 ~~in an areawide, regional, watershed, or basinwide urban water~~
25 ~~management plan, an agricultural management plan, or~~
26 ~~groundwater sustainability plan development.~~
27 ~~(3) Each urban water supplier shall coordinate the preparation~~
28 ~~of its plan with other appropriate agencies in the area, including~~
29 ~~other water suppliers that share a common source, water~~
30 ~~management agencies, and relevant public agencies, to the extent~~
31 ~~practicable.~~
32 ~~(e) The urban water supplier may prepare the plan with its own~~
33 ~~staff, by contract, or in cooperation with other governmental~~
34 ~~agencies.~~
35 ~~(f) An urban water supplier shall describe in the plan water~~
36 ~~management tools and options used by that entity that will~~
37 ~~maximize resources and minimize the need to import water from~~
38 ~~other regions.~~

1 ~~SEC. 2.~~

2 ~~SECTION 1.~~ Section 10631 of the Water Code is amended to
3 read:

4 10631. A plan shall be adopted in accordance with this chapter
5 that shall do all of the following:

6 (a) Describe the service area of the supplier, including current
7 and projected population, climate, and other social, economic, and
8 demographic factors affecting the supplier's water management
9 planning. The projected population estimates shall be based upon
10 data from the state, regional, or local service agency population
11 projections within the service area of the urban water supplier and
12 shall be in 5-year increments to 20 years or as far as data is
13 available. The description shall include the current and projected
14 land uses within the existing or anticipated service area affecting
15 the supplier's water management planning. Urban water suppliers
16 shall coordinate with local or regional land use authorities to
17 determine the most appropriate land use information, including,
18 where appropriate, land use information obtained from local or
19 regional land use authorities, as developed pursuant to Article 5
20 (commencing with Section 65300) of Chapter 3 of Division 1 of
21 Title 7 of the Government Code.

22 (b) Identify and quantify, to the extent practicable, the existing
23 and planned sources of water available to the supplier over the
24 same five-year increments described in subdivision (a), providing
25 supporting and related information, including all of the following:

26 (1) A detailed discussion of anticipated supply availability under
27 a normal water year, single dry year, and droughts lasting at least
28 five years, as well as more frequent and severe periods of drought,
29 as described in the drought risk assessment. For each source of
30 water supply, consider any information pertinent to the reliability
31 analysis conducted pursuant to Section 10635, including changes
32 in supply due to climate change.

33 (2) When multiple sources of water supply are identified, a
34 description of the management of each supply in correlation with
35 the other identified supplies.

36 (3) For any planned sources of water supply, a description of
37 the measures that are being undertaken to acquire and develop
38 those water supplies.

39 (4) If groundwater is identified as an existing or planned source
40 of water available to the supplier, all of the following information:

1 (A) The current version of any groundwater sustainability plan
2 or alternative adopted pursuant to Part 2.74 (commencing with
3 Section 10720), any groundwater management plan adopted by
4 the urban water supplier, including plans adopted pursuant to Part
5 2.75 (commencing with Section 10750), or any other specific
6 authorization for groundwater management for basins underlying
7 the urban water supplier’s service area.

8 (B) A description of any groundwater basin or basins from
9 which the urban water supplier pumps groundwater. For basins
10 that a court or the board has adjudicated the rights to pump
11 groundwater, a copy of the order or decree adopted by the court
12 or the board and a description of the amount of groundwater the
13 urban water supplier has the legal right to pump under the order
14 or decree. For a basin that has not been adjudicated, information
15 as to whether the department has identified the basin as a high- or
16 medium-priority basin in the most current official departmental
17 bulletin that characterizes the condition of the groundwater basin,
18 and a detailed description of the efforts being undertaken by the
19 urban water supplier to coordinate with groundwater sustainability
20 agencies or groundwater management agencies listed in subdivision
21 (c) of Section 10723 to maintain or achieve sustainable
22 groundwater conditions in accordance with a groundwater
23 sustainability plan or alternative adopted pursuant to Part 2.74
24 (commencing with Section 10720).

25 (C) A detailed description and analysis of the location, amount,
26 and sufficiency of groundwater pumped by the urban water supplier
27 for the past five years. The description and analysis shall be based
28 on information that is reasonably available, including, but not
29 limited to, historic use records.

30 (D) A detailed description and analysis of the amount and
31 location of groundwater that is projected to be pumped by the
32 urban water supplier. The description and analysis shall be based
33 on information that is reasonably available, including, but not
34 limited to, historic use records.

35 ~~(5) If a reservoir is identified as an existing or planned source~~
36 ~~of water available to the supplier, all the following information:~~

37 ~~(A) (i) A target water supply storage curve based on target~~
38 ~~carryover levels sufficient to satisfy water users and streamflow~~
39 ~~requirements for at least five years, with reasonably predicted~~

1 ~~inflow calculations considering local conditions and climate~~
2 ~~change.~~

3 ~~(ii) The reservoir storage level shall be calculated each month~~
4 ~~based on reservoir capacity, projected inflows, evaporation, water~~
5 ~~demands from all users, and streamflow requirements. The~~
6 ~~reservoir storage level shall be plotted against the target water~~
7 ~~supply storage curve on a calendar to ensure that target storage~~
8 ~~levels are met.~~

9 ~~(B) An automatic conservation plan that is implemented when~~
10 ~~the reservoir storage level falls below the target water supply~~
11 ~~storage curve determined in subparagraph (A). When both an~~
12 ~~automatic conservation plan and a water shortage contingency~~
13 ~~plan pursuant to Section 10632 are in effect, the more restrictive~~
14 ~~of the two plans shall govern. An automatic conservation plan~~
15 ~~shall include all of the following:~~

16 ~~(i) Six standard water shortage levels corresponding to~~
17 ~~progressive ranges of up to 10-, 20-, 30-, 40-, and 50-percent~~
18 ~~shortages below the target water supply curve and greater than~~
19 ~~50-percent shortage.~~

20 ~~(ii) At each water shortage level, urban water suppliers shall~~
21 ~~initiate conservation response actions that align with the defined~~
22 ~~shortage levels and include, at a minimum, all of the following:~~

23 ~~(I) Locally appropriate water supply augmentation actions.~~

24 ~~(II) Locally appropriate water demand reduction actions to~~
25 ~~adequately respond to shortages.~~

26 ~~(III) Locally appropriate operational changes.~~

27 ~~(IV) Mandatory prohibitions against specific water use practices~~
28 ~~that are in addition to state-mandated prohibitions and appropriate~~
29 ~~to the local conditions.~~

30 ~~(iii) For each action, an estimate of the extent that the gap~~
31 ~~between target reservoir storage level and the actual reservoir~~
32 ~~storage level will be reduced by implementation of the action.~~

33 ~~(iv) For each action, an estimate of impacts to other water~~
34 ~~resources, including any increase in groundwater extraction.~~

35 ~~(v) Water demand reduction actions shall be applied to all~~
36 ~~customer classes, and may include any of the following:~~

37 ~~(I) Water waste prevention ordinances.~~

38 ~~(II) Metering.~~

39 ~~(III) Conservation pricing.~~

40 ~~(IV) Public education and outreach.~~

- 1 ~~(V) Programs to assess and manage distribution system real~~
2 ~~loss.~~
- 3 ~~(VI) Water conservation program coordination and staffing~~
4 ~~support.~~
- 5 ~~(vi) Other demand management measures that have a significant~~
6 ~~impact on water use as measured in gallons per capita per day,~~
7 ~~including innovative measures, if implemented.~~
- 8 ~~(vii) Other demand management measures that have a significant~~
9 ~~impact on water used by downstream water rights holders.~~
- 10 (c) Describe the opportunities for exchanges or transfers of
11 water on a short-term or long-term basis.
- 12 (d) (1) For an urban retail water supplier, quantify, to the extent
13 records are available, past and current water use, over the same
14 five-year increments described in subdivision (a), and projected
15 water use, based upon information developed pursuant to
16 subdivision (a), identifying the uses among water use sectors,
17 including, but not necessarily limited to, all of the following:
- 18 (A) Single-family residential.
19 (B) Multifamily.
20 (C) Commercial.
21 (D) Industrial.
22 (E) Institutional and governmental.
23 (F) Landscape.
24 (G) Sales to other agencies.
25 (H) Saline water intrusion barriers, groundwater recharge, or
26 conjunctive use, or any combination thereof.
27 (I) Agricultural.
28 (J) Distribution system water loss.
- 29 (2) The water use projections shall be in the same five-year
30 increments described in subdivision (a).
- 31 (3) (A) The distribution system water loss shall be quantified
32 for each of the five years preceding the plan update, in accordance
33 with rules adopted pursuant to Section 10608.34.
- 34 (B) The distribution system water loss quantification shall be
35 reported in accordance with a worksheet approved or developed
36 by the department through a public process. The water loss
37 quantification worksheet shall be based on the water system
38 balance methodology developed by the American Water Works
39 Association.

1 (C) In the plan due July 1, 2021, and in each update thereafter,
2 data shall be included to show whether the urban retail water
3 supplier met the distribution loss standards enacted by the board
4 pursuant to Section 10608.34.

5 (4) (A) Water use projections, where available, shall display
6 and account for the water savings estimated to result from adopted
7 codes, standards, ordinances, or transportation and land use plans
8 identified by the urban water supplier, as applicable to the service
9 area.

10 (B) To the extent that an urban water supplier reports the
11 information described in subparagraph (A), an urban water supplier
12 shall do both of the following:

13 (i) Provide citations of the various codes, standards, ordinances,
14 or transportation and land use plans utilized in making the
15 projections.

16 (ii) Indicate the extent that the water use projections consider
17 savings from codes, standards, ordinances, or transportation and
18 land use plans. Water use projections that do not account for these
19 water savings shall be noted of that fact.

20 (e) Provide a description of the supplier's water demand
21 management measures. This description shall include all of the
22 following:

23 (1) (A) For an urban retail water supplier, as defined in Section
24 10608.12, a narrative description that addresses the nature and
25 extent of each water demand management measure implemented
26 over the past five years. The narrative shall describe the water
27 demand management measures that the supplier plans to implement
28 to achieve its water use targets pursuant to Section 10608.20.

29 (B) The narrative pursuant to this paragraph shall include
30 descriptions of the following water demand management measures:

31 (i) Water waste prevention ordinances.

32 (ii) Metering.

33 (iii) Conservation pricing.

34 (iv) Public education and outreach.

35 (v) Programs to assess and manage distribution system real loss.

36 (vi) Water conservation program coordination and staffing
37 support.

38 (vii) Other demand management measures that have a significant
39 impact on water use as measured in gallons per capita per day,
40 including innovative measures, if implemented.

1 (viii) *Other demand management measures that have a*
 2 *significant impact on water used by downstream water rights*
 3 *holders.*

4 (2) For an urban wholesale water supplier, as defined in Section
 5 10608.12, a narrative description of the items in clauses (ii), (iv),
 6 (vi), ~~and (vii)~~ (vii), and (viii) of subparagraph (B) of paragraph
 7 (1), and a narrative description of its distribution system asset
 8 management and wholesale supplier assistance programs.

9 (f) Include a description of all water supply projects and water
 10 supply programs that may be undertaken by the urban water
 11 supplier to meet the total projected water use, as established
 12 pursuant to subdivision (a) of Section 10635. The urban water
 13 supplier shall include a detailed description of expected future
 14 projects and programs that the urban water supplier may implement
 15 to increase the amount of the water supply available to the urban
 16 water supplier in normal and single-dry water years and for a period
 17 of drought lasting five consecutive water years. The description
 18 shall identify specific projects and include a description of the
 19 increase in water supply that is expected to be available from each
 20 project. The description shall include an estimate with regard to
 21 the implementation timeline for each project or program.

22 (g) Describe the opportunities for development of desalinated
 23 water, including, but not limited to, ocean water, brackish water,
 24 and groundwater, as a long-term supply.

25 (h) An urban water supplier that relies upon a wholesale agency
 26 for a source of water shall provide the wholesale agency with water
 27 use projections from that agency for that source of water in 5-year
 28 increments to 20 years or as far as data is available. The wholesale
 29 agency shall provide information to the urban water supplier for
 30 inclusion in the urban water supplier’s plan that identifies and
 31 quantifies, to the extent practicable, the existing and planned
 32 sources of water as required by subdivision (b), available from the
 33 wholesale agency to the urban water supplier over the same
 34 five-year increments, and during various water-year types in
 35 accordance with subdivision (f). An urban water supplier may rely
 36 upon water supply information provided by the wholesale agency
 37 in fulfilling the plan informational requirements of subdivisions
 38 (b) and (f).

39 ~~SEC. 3. Section 10826 of the Water Code is amended to read:~~

1 ~~10826. An agricultural water management plan shall be adopted~~
2 ~~in accordance with this chapter. The plan shall do all of the~~
3 ~~following:~~
4 ~~(a) Describe the agricultural water supplier and the service area,~~
5 ~~including all of the following:~~
6 ~~(1) Size of the service area.~~
7 ~~(2) Location of the service area and its water management~~
8 ~~facilities:~~
9 ~~(3) Terrain and soils.~~
10 ~~(4) Climate.~~
11 ~~(5) Operating rules and regulations.~~
12 ~~(6) Water delivery measurements or calculations.~~
13 ~~(7) Water rate schedules and billing.~~
14 ~~(8) Water shortage allocation policies.~~
15 ~~(b) Describe the quantity and quality of water resources of the~~
16 ~~agricultural water supplier, including all of the following:~~
17 ~~(1) Surface water supply.~~
18 ~~(2) Groundwater supply.~~
19 ~~(3) Other water supplies, including recycled water.~~
20 ~~(4) Source water quality monitoring practices.~~
21 ~~(5) Water uses within the agricultural water supplier's service~~
22 ~~area, including all of the following:~~
23 ~~(A) Agricultural.~~
24 ~~(B) Environmental.~~
25 ~~(C) Recreational.~~
26 ~~(D) Municipal and industrial.~~
27 ~~(E) Groundwater recharge, including estimated flows from deep~~
28 ~~percolation from irrigation and seepage.~~
29 ~~(c) Include an annual water budget based on the quantification~~
30 ~~of all inflow and outflow components for the service area of the~~
31 ~~agricultural water supplier. Components of inflow shall include~~
32 ~~surface inflow, groundwater pumping in the service area, and~~
33 ~~effective precipitation. Components of outflow shall include surface~~
34 ~~outflow, deep percolation, and evapotranspiration. An agricultural~~
35 ~~water supplier shall report the annual water budget on a water-year~~
36 ~~basis. The department shall provide tools and resources to assist~~
37 ~~agricultural water suppliers in developing and quantifying~~
38 ~~components necessary to develop a water budget.~~
39 ~~(d) Include an analysis, based on available information, of the~~
40 ~~effect of climate change on future water supplies.~~

1 ~~(e) Describe previous water management activities.~~

2 ~~(f) Identify water management objectives based on the water~~
3 ~~budget to improve water system efficiency or to meet other water~~
4 ~~management objectives. The agricultural water supplier shall~~
5 ~~identify, prioritize, and implement actions to reduce water loss,~~
6 ~~improve water system management, and meet other water~~
7 ~~management objectives identified in the plan.~~

8 ~~(g) Include in the plan information regarding efficient water~~
9 ~~management practices required pursuant to Section 10608.48.~~

10 ~~(h) Quantify the efficiency of agricultural water use within the~~
11 ~~service area of the agricultural water supplier using the appropriate~~
12 ~~method or methods from among the four water use efficiency~~
13 ~~quantification methods developed by the department in the May~~
14 ~~8, 2012, report to the Legislature entitled “A Proposed~~
15 ~~Methodology for Quantifying the Efficiency of Agricultural Water~~
16 ~~Use.” The agricultural water supplier shall account for all water~~
17 ~~uses, including crop water use, agronomic water use, environmental~~
18 ~~water use, and recoverable surface flows.~~

19 ~~(i) If a reservoir is identified as an existing or planned source~~
20 ~~of water available to the supplier, all of the following information~~
21 ~~shall be contained in the plan:~~

22 ~~(1) (A) A target water supply storage curve based on target~~
23 ~~carryover levels sufficient to satisfy water users and streamflow~~
24 ~~requirements for at least five years, with reasonably predicted~~
25 ~~inflow calculations considering local conditions and climate~~
26 ~~change.~~

27 ~~(B) The reservoir storage level shall be calculated each month~~
28 ~~based on reservoir capacity, projected inflows, evaporation, water~~
29 ~~demands from all users, and streamflow requirements. The~~
30 ~~reservoir storage level shall be plotted against the target water~~
31 ~~supply storage curve on a calendar to ensure that target storage~~
32 ~~levels are being met.~~

33 ~~(2) An automatic conservation plan that is implemented when~~
34 ~~the reservoir storage level falls below the target water supply~~
35 ~~storage curve determined in subparagraph (A). When both an~~
36 ~~automatic conservation plan and a drought plan pursuant to Section~~
37 ~~10826.2 are in effect, the more restrictive of the two plans shall~~
38 ~~govern. An automatic conservation plan shall include all of the~~
39 ~~following:~~

1 ~~(A) Six standard water shortage levels corresponding to~~
2 ~~progressive ranges of up to 10-, 20-, 30-, 40-, and 50-percent~~
3 ~~shortages below the target water supply curve and greater than~~
4 ~~50-percent shortage.~~

5 ~~(B) At each water shortage level, agricultural water suppliers~~
6 ~~shall initiate conservation response actions that align with the~~
7 ~~defined shortage levels and include, at a minimum, all of the~~
8 ~~following:~~

- 9 ~~(i) Locally appropriate supply augmentation actions.~~
10 ~~(ii) Locally appropriate demand reduction actions to adequately~~
11 ~~respond to shortages.~~
12 ~~(iii) Locally appropriate operational changes.~~
13 ~~(iv) Additional, mandatory prohibitions against specific water~~
14 ~~use practices that are in addition to state-mandated prohibitions~~
15 ~~and appropriate to the local conditions.~~

16 ~~(C) For each action, an estimate of the extent that the gap~~
17 ~~between the target reservoir storage level and the actual reservoir~~
18 ~~storage level will be reduced by implementation of the action.~~

19 ~~(D) For each action, an estimate of impacts to other water~~
20 ~~resources, including any increase in groundwater extraction.~~

21 *SEC. 2. Section 10632 of the Water Code is amended to read:*

22 10632. (a) Every urban water supplier shall prepare and adopt
23 a water shortage contingency plan as part of its urban water
24 management plan that consists of each of the following elements:

25 (1) The analysis of water supply reliability conducted pursuant
26 to Section 10635.

27 (2) The procedures used in conducting an annual water supply
28 and demand assessment that include, at a minimum, both of the
29 following:

30 (A) The written decisionmaking process that an urban water
31 supplier will use each year to determine its water supply reliability.

32 (B) The key data inputs and assessment methodology used to
33 evaluate the urban water supplier's water supply reliability for the
34 current year and one dry year, including all of the following:

35 (i) Current year unconstrained demand, considering weather,
36 growth, and other influencing factors, such as policies to manage
37 current supplies to meet demand objectives in future years, as
38 applicable.

39 (ii) Current year available supply, considering hydrological and
40 regulatory conditions in the current year and one dry year. The

1 annual supply and demand assessment may consider more than
 2 one dry year solely at the discretion of the urban water supplier.

3 (iii) Existing infrastructure capabilities and plausible constraints.

4 (iv) A defined set of locally applicable evaluation criteria that
 5 are consistently relied upon for each annual water supply and
 6 demand assessment.

7 (v) (I) A description and quantification of each source of water
 8 supply.

9 (II) *If a single reservoir constitutes at least 50 percent of the*
 10 *total water supply for the urban water supplier, the water shortage*
 11 *contingency plan shall include a target water supply storage curve*
 12 *for that reservoir based on target carryover levels sufficient to*
 13 *satisfy water users and ecological streamflow needs pursuant to*
 14 *any applicable state, federal, or local regulations, and water*
 15 *quality needs pursuant to any state, federal, or local regulations*
 16 *for the current year and one dry year, with reasonably predicted*
 17 *inflow calculations considering local conditions and climate*
 18 *change.*

19 (III) *Each month, the actual reservoir level shall be plotted*
 20 *against the target water supply storage curve on a calendar to*
 21 *determine whether target storage levels are met.*

22 (3) (A) (i) Six standard water shortage levels corresponding
 23 to progressive ranges of up to ~~10, 20, 30, 40, and 50 percent~~
 24 ~~shortages and greater than 50 percent~~ 10-, 20-, 30-, 40-, and
 25 50-percent shortages, and greater than 50-percent shortage. Urban
 26 water suppliers shall define these shortage levels based on the
 27 suppliers' water supply conditions, including percentage reductions
 28 in water supply, changes in groundwater levels, changes in surface
 29 elevation or level of subsidence, or other changes in hydrological
 30 or other local conditions indicative of the water supply available
 31 for use. Shortage levels shall also apply to catastrophic interruption
 32 of water supplies, including, but not limited to, a regional power
 33 outage, an earthquake, and other potential emergency events.

34 ~~(B)~~

35 (ii) An urban water supplier with an existing water shortage
 36 contingency plan that uses different water shortage levels may
 37 comply with the requirement in ~~subparagraph (A)~~ clause (i) by
 38 developing and including a cross-reference relating its existing
 39 categories to the six standard water shortage levels.

1 (B) *If a target water supply storage curve is developed pursuant*
2 *to clause (v) of subparagraph (B) of paragraph (2), six standard*
3 *reservoir shortage levels corresponding to water levels below the*
4 *target water supply storage curve in progressive ranges of up to*
5 *10-, 20-, 30-, 40-, and 50-percent shortages, and greater than*
6 *50-percent shortage. Urban water suppliers shall determine these*
7 *shortage levels pursuant to subclause (III) of clause (v) of*
8 *subparagraph (B) of paragraph (2). Reservoir shortage levels*
9 *trigger shortage response actions that align with the defined*
10 *shortage levels and include, at a minimum, subparagraphs (B),*
11 *(D), and (E) of paragraph (4).*

12 (4) Shortage response actions that align with the defined
13 shortage levels and include, at a minimum, all of the following:

14 (A) Locally appropriate supply augmentation actions.

15 (B) Locally appropriate demand reduction actions to adequately
16 respond to shortages.

17 (C) Locally appropriate operational changes.

18 (D) Additional, mandatory prohibitions against specific water
19 use practices that are in addition to state-mandated prohibitions
20 and appropriate to the local conditions.

21 (E) For each action, an estimate of the extent to which the gap
22 between supplies and demand will be reduced by implementation
23 of the action.

24 (5) Communication protocols and procedures to inform
25 customers, the public, interested parties, and local, regional, and
26 state governments, regarding, at a minimum, all of the following:

27 (A) Any current or predicted shortages as determined by the
28 annual water supply and demand assessment described pursuant
29 to Section 10632.1.

30 (B) Any shortage response actions triggered or anticipated to
31 be triggered by the annual water supply and demand assessment
32 described pursuant to Section 10632.1.

33 (C) Any other relevant communications.

34 (6) For an urban retail water supplier, customer compliance,
35 enforcement, appeal, and exemption procedures for triggered
36 shortage response actions as determined pursuant to Section
37 10632.2.

38 (7) (A) A description of the legal authorities that empower the
39 urban water supplier to implement and enforce its shortage
40 response actions specified in paragraph (4) that may include, but

1 are not limited to, statutory authorities, ordinances, resolutions,
2 and contract provisions.

3 (B) A statement that an urban water supplier shall declare a
4 water shortage emergency in accordance with Chapter 3
5 (commencing with Section 350) of Division 1.

6 (C) A statement that an urban water supplier shall coordinate
7 with any city or county within which it provides water supply
8 services for the possible proclamation of a local emergency, as
9 defined in Section 8558 of the Government Code.

10 (8) A description of the financial consequences of, and responses
11 for, drought conditions, including, but not limited to, all of the
12 following:

13 (A) A description of potential revenue reductions and expense
14 increases associated with activated shortage response actions
15 described in paragraph (4).

16 (B) A description of mitigation actions needed to address
17 revenue reductions and expense increases associated with activated
18 shortage response actions described in paragraph (4).

19 (C) A description of the cost of compliance with Chapter 3.3
20 (commencing with Section 365) of Division 1.

21 (9) For an urban retail water supplier, monitoring and reporting
22 requirements and procedures that ensure appropriate data is
23 collected, tracked, and analyzed for purposes of monitoring
24 customer compliance and to meet state reporting requirements.

25 (10) Reevaluation and improvement procedures for
26 systematically monitoring and evaluating the functionality of the
27 water shortage contingency plan in order to ensure shortage risk
28 tolerance is adequate and appropriate water shortage mitigation
29 strategies are implemented as needed.

30 (b) For purposes of developing the water shortage contingency
31 plan pursuant to subdivision (a), an urban water supplier shall
32 analyze and define water features that are artificially supplied with
33 water, including ponds, lakes, waterfalls, and fountains, separately
34 from swimming pools and spas, as defined in subdivision (a) of
35 Section 115921 of the Health and Safety Code.

36 (c) The urban water supplier shall make available the water
37 shortage contingency plan prepared pursuant to this article to its
38 customers and any city or county within which it provides water
39 supplies no later than 30 days after adoption of the water shortage
40 contingency plan.

1 *SEC. 3. Section 10826.2 of the Water Code is amended to read:*

2 10826.2. As part of its agricultural water management plan,
3 each agricultural water supplier shall develop a drought plan for
4 periods of limited water supply describing the actions of the
5 agricultural water supplier for drought preparedness and
6 management of water supplies and allocations during drought
7 conditions. The drought plan shall contain both of the following:

8 (a) Resilience planning, including all of the following:

9 (1) Data, indicators, and information needed to determine the
10 water supply availability and levels of drought severity.

11 (2) Analyses and identification of potential vulnerability to
12 drought.

13 (3) A description of the opportunities and constraints for
14 improving drought resilience planning, including all of the
15 following:

16 (A) The availability of new technology or information.

17 (B) The ability of the agricultural water supplier to obtain or
18 use additional water supplies during drought conditions.

19 (C) A description of other actions planned for implementation
20 to improve drought resilience.

21 (b) Drought response planning, including all of the following:

22 (1) (A) Policies and a process for declaring a water shortage
23 and for implementing water shortage allocations and related
24 response actions.

25 (B) (i) *If a single reservoir constitutes at least 50 percent of*
26 *the total water supply for the agricultural water supplier, the*
27 *drought plan shall include a target water supply storage curve for*
28 *that reservoir based on target carryover levels sufficient to satisfy*
29 *water users and ecological streamflow needs pursuant to any*
30 *applicable state, federal, or local regulations, and water quality*
31 *needs pursuant to any state, federal, or local regulations for the*
32 *current year and one dry year, with reasonably predicted inflow*
33 *calculations considering local conditions and climate change.*

34 (ii) *Each month, the actual reservoir level shall be plotted*
35 *against the target water supply storage curve on a calendar to*
36 *determine whether target storage levels are met.*

37 (iii) *The drought plan shall include six standard reservoir*
38 *shortage levels corresponding to water levels below the target*
39 *water supply storage curve in progressive ranges of up to 10-, 20-,*

1 30-, 40-, and 50-percent shortages, and greater than 50-percent
2 shortage.

3 (iv) At each reservoir shortage level, an agricultural water
4 supplier shall initiate response actions that align with the shortage
5 level, including, at a minimum, both of the following:

6 (I) Locally appropriate demand reduction actions to adequately
7 respond to shortages.

8 (II) Additional mandatory prohibitions against specific water
9 use practices that are in addition to state-mandated prohibitions
10 and appropriate to the local conditions.

11 (v) For each response action, the agricultural water supplier
12 shall prepare an estimate of the extent to which the gap between
13 the target reservoir storage level and the actual reservoir storage
14 level will be reduced by implementation of the action.

15 (vi) For each response action, the agricultural water supplier
16 shall prepare an estimate of impacts on other water resources,
17 including any increase in groundwater extraction.

18 (2) Methods and procedures for the enforcement or appeal of,
19 or exemption from, triggered shortage response actions.

20 (3) Methods and procedures for monitoring and evaluation of
21 the effectiveness of the drought plan.

22 (4) Communication protocols and procedures to inform and
23 coordinate customers, the public, interested parties, and local,
24 regional, and state government.

25 (5) A description of the potential impacts on the revenues,
26 financial condition, and planned expenditures of the agricultural
27 water supplier during drought conditions that reduce water
28 allocations, and proposed measures to overcome those impacts,
29 including reserve-level policies.

AMENDED IN ASSEMBLY MAY 18, 2023
AMENDED IN ASSEMBLY MARCH 16, 2023
CALIFORNIA LEGISLATURE—2023–24 REGULAR SESSION

ASSEMBLY BILL

No. 755

Introduced by Assembly Member Papan

February 13, 2023

An act to add Chapter 3.8 (commencing with Section 390) to Division 1 of the Water Code, relating to water.

LEGISLATIVE COUNSEL'S DIGEST

AB 755, as amended, Papan. Water: public entity: cost-of-service analysis.

Existing law authorizes a public entity that supplies water at retail or wholesale within its service area to adopt, in accordance with specified procedures, and enforce a water conservation program.

This bill would require a public entity, as defined, that conducts a cost-of-service analysis, as defined, to identify the *total* incremental costs incurred by *all* the major water users, as described, in the single-family residential class and the *total* incremental costs that would be avoided if major water users met a specified efficiency goal. The bill would also require ~~the incremental costs incurred by the major water users~~ *both of those costs* to be made publicly available by posting the information ~~on~~ *in* the public entity's ~~internet website~~. *cost-of-service analysis*. By requiring a higher level of service of public entities, the bill would impose a state-mandated local program.

The bill would include findings that changes proposed by this bill address a matter of statewide concern rather than a municipal affair and, therefore, apply to all cities, including charter cities.

The California Constitution requires the state to reimburse local agencies and school districts for certain costs mandated by the state. Statutory provisions establish procedures for making that reimbursement.

This bill would provide that, if the Commission on State Mandates determines that the bill contains costs mandated by the state, reimbursement for those costs shall be made pursuant to the statutory provisions noted above.

Vote: majority. Appropriation: no. Fiscal committee: yes.
 State-mandated local program: yes.

The people of the State of California do enact as follows:

1 SECTION 1. Chapter 3.8 (commencing with Section 390) is
 2 added to Division 1 of the Water Code, to read:

3
 4 CHAPTER 3.8. WATER: COST-OF-SERVICE ANALYSIS

5
 6 390. For purposes of this chapter, the following terms have the
 7 following meanings:

8 (a) “Cost-of-service analysis” means the analysis conducted to
 9 determine water usage patterns and demands placed on the system
 10 by various customer classes.

11 (b) “Efficiency goal” means the long-term standards for efficient
 12 water use, as developed by the board, pursuant to ~~Section 10609.2.~~
 13 *10609.2, as applied to an individual household.*

14 (c) “Incremental costs” means the costs of water service,
 15 including capital costs and operation and maintenance costs, that
 16 the public entity incurs directly, or by contract, as a result of the
 17 use of water by the systems’ major water users and may include
 18 any of the following:

19 (1) Conservation best management practices, conservation
 20 education, irrigation controls and other conservation devices, and
 21 other demand management measures.

22 (2) Water system retrofitting, dual plumbing and facilities for
 23 production, distribution, and all uses of recycled water and other
 24 alternative water supplies.

25 (3) Projects and programs for the prevention, control, or
 26 treatment of the runoff of water from irrigation and other outdoor
 27 water uses. Incremental costs does not include the costs of
 28 stormwater management systems and programs.

1 (4) Securing dry year water supply arrangements.
2 (5) Procuring water supplies, including supply or capacity
3 contracts for water supply rights or entitlements.

4 (6) Energy costs for water delivery.

5 (d) “Major water user” means the top 10 percent of water users
6 in a given customer class since the last ~~cost-of-service~~
7 *cost-of-service* analysis.

8 (e) “Public entity” means a city, whether general law or
9 chartered, county, city and county, special district, agency,
10 authority, any other municipal public corporation or district, or
11 any other political subdivision of the state that provides retail water
12 service and that is an urban water supplier, as defined in Section
13 10617.

14 390.1. (a) Whenever a public entity conducts a cost-of-service
15 analysis, that entity shall identify both of the following:

16 (1) The *total* incremental costs incurred by *all* the major water
17 users in the single-family residential class.

18 (2) The *total* incremental costs that would be avoided if major
19 water users met a specified efficiency goal.

20 (b) ~~The incremental costs incurred by the major water users, as~~
21 ~~identified pursuant to subdivision (a), costs identified in paragraphs~~
22 ~~(1) and (2) of subdivision (a)~~ shall be made publicly available by
23 posting the information ~~on~~ in the public entity’s ~~internet website.~~
24 *cost-of-service analysis.*

25 SEC. 2. The Legislature finds and declares that water
26 conservation is a matter of statewide concern and is not a municipal
27 affair as that term is used in Section 5 of Article XI of the
28 California Constitution. Therefore, Section 1 of this act adding
29 Section 390.1 to the Water Code applies to all cities, including
30 charter cities.

31 SEC. 3. If the Commission on State Mandates determines that
32 this act contains costs mandated by the state, reimbursement to
33 local agencies and school districts for those costs shall be made
34 pursuant to Part 7 (commencing with Section 17500) of Division
35 4 of Title 2 of the Government Code.

AMENDED IN ASSEMBLY MAY 18, 2023

AMENDED IN ASSEMBLY APRIL 20, 2023

CALIFORNIA LEGISLATURE—2023–24 REGULAR SESSION

ASSEMBLY BILL

No. 1337

Introduced by Assembly Member Wicks

February 16, 2023

An act to amend Sections 1052 and 1831 of, and to add Chapter 2.5 (commencing Section 1065) to Part 1 of Division 2 of, the Water Code, relating to water.

LEGISLATIVE COUNSEL'S DIGEST

AB 1337, as amended, Wicks. State Water Resources Control Board: water diversion curtailment.

(1) Under existing law, the diversion or use of water other than as authorized by specified provisions of law is a trespass, subject to specified civil liability.

This bill would expand the instances when the diversion or use of water is considered a trespass.

(2) Existing law establishes the State Water Resources Control Board in the California Environmental Protection Agency and vests the board with various powers and duties, including, among other things, to ascertain whether or not water heretofore filed upon or attempted to be appropriated is appropriated under the laws of this state. Existing law authorizes the board to adopt emergency regulations if, among other things, the regulations are adopted to prevent the waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion, of water, to promote water recycling or water conservation, to require curtailment of diversions when water is not available under the diverter's

priority of right, or in furtherance of any of the foregoing, to require reporting of diversion or use or the preparation of monitoring reports.

This bill would authorize the board to issue a curtailment order for any diversion, regardless of basis of right, when water is not available under the diverter’s priority of right. The bill would ~~authorize~~ *require* the board to adopt regulations to implement this provision.

(3) Existing law authorizes the board to issue a cease and desist order against a person who is violating, or threatening to violate, certain requirements relating to water use.

This bill would additionally authorize the board to issue a cease and desist order when a water right holder fails to curtail diversions when water is unavailable under the water right holder’s priority of right.

Vote: majority. Appropriation: no. Fiscal committee: yes.
State-mandated local program: no.

The people of the State of California do enact as follows:

1 SECTION 1. (a) It is the intent of the Legislature that the State
2 Water Resources Control Board shall be able to exercise its full
3 authority under Section 2 of Article X of the California
4 Constitution, the public trust doctrine, and Division 1 (commencing
5 with Section 100) and Division 2 (commencing with Section 1000)
6 of the Water Code to ensure that the use or diversion of water
7 under any claim of right serves the public interest.

8 (b) It is the intent of the Legislature that this bill clarify that the
9 State Water Resources Control Board has the necessary authority
10 to curtail pre-1914 water rights and address the gap in the state
11 board’s authority revealed by the court in the series of cases known
12 as the California Water Curtailment Cases.

13 SEC. 2. Section 1052 of the Water Code is amended to read:

14 1052. (a) The diversion or use of water ~~subject to this division~~
15 other than as authorized is a trespass.

16 (b) (1) An action for the issuance of injunctive relief as may
17 be warranted by way of temporary restraining order, preliminary
18 injunction, or permanent injunction, may be brought by the
19 Attorney General on behalf of the board, or in the Attorney
20 General’s independent capacity in the name of the people of the
21 State of California, where the diversion or use of water is
22 threatened, is occurring, or has occurred.

1 (2) (A) A civil action for a violation under this section resulting
2 from unlicensed cannabis cultivation may also be brought by a
3 city attorney or county counsel, upon approval of the board, in the
4 name of the people of the State of California.

5 (B) A city attorney or county counsel shall inform and
6 coordinate with the board as to the investigation of potential
7 violations of this section related to unlicensed cannabis cultivation.
8 Unless the board withholds its approval within 21 days after the
9 local jurisdiction provides notice of its intent to file, the local
10 jurisdiction may deem the board's silence as approval.

11 (c) A person or entity committing a trespass as defined in this
12 section may be liable in an amount not to exceed the following:

13 (1) If the unauthorized diversion or use occurs in a critically
14 dry year immediately preceded by two or more consecutive below
15 normal, dry, or critically dry years, or during a period for which
16 the Governor has issued a proclamation of a state of emergency
17 under the California Emergency Services Act (Chapter 7
18 commencing with Section 8550) of Division 1 of Title 2 of the
19 Government Code) based on drought conditions, the sum of the
20 following:

21 (A) One thousand dollars (\$1,000) for each day in which the
22 trespass occurs.

23 (B) Two thousand five hundred dollars (\$2,500) for each
24 acre-foot of water diverted or used in excess of that diverter's
25 water rights.

26 (2) If the unauthorized diversion or use is not described by
27 paragraph (1), five hundred dollars (\$500) for each day in which
28 the unauthorized diversion or use occurs.

29 (3) Notwithstanding paragraphs (1) and (2), up to three thousand
30 five hundred dollars (\$3,500) for each day in which the
31 unauthorized diversion or use for unlicensed cannabis cultivation
32 occurs.

33 (d) Civil liability for a violation of this section may be imposed
34 by the superior court or the board as follows:

35 (1) The superior court may impose civil liability in an action
36 brought by the Attorney General, upon request of the board, to
37 impose, assess, and recover any sums pursuant to subdivision (c).
38 In determining the appropriate amount, the court shall take into
39 consideration all relevant circumstances, including, but not limited
40 to, the extent of harm caused by the violation, the nature and

1 persistence of the violation, the length of time over which the
2 violation occurs, and the corrective action, if any, taken by the
3 violator.

4 (2) The superior court may impose civil liability in an action
5 for a violation under this section resulting from unlicensed cannabis
6 cultivation brought by a city attorney or county counsel to impose,
7 assess, and recover any sums pursuant to subdivision (c). In
8 determining the appropriate amount, the court shall take into
9 consideration all relevant circumstances, including, but not limited
10 to, the extent of harm caused by the violation, whether the violation
11 was intentional or committed knowingly, the nature and persistence
12 of the violation, the length of time over which the violation has
13 occurred, and the corrective action, if any, taken by the violator.
14 The court shall make its findings on the record.

15 (3) The board may impose civil liability in accordance with
16 Section 1055.

17 (e) (1) Upon appropriation by the Legislature, funds recovered
18 in an action pursuant to this section shall be used to proportionally
19 reimburse the Attorney General, city attorney, county counsel, and
20 the board for costs of bringing the action, including reasonable
21 attorney’s fees, and of investigating the violation and supporting
22 the prosecution of the action.

23 (2) Except for reimbursements to the Attorney General, city
24 attorney, or county counsel, as specified in paragraph (1), all funds
25 recovered pursuant to this section shall be deposited in the Water
26 Rights Fund established pursuant to Section 1550.

27 (f) The remedies prescribed in this section are cumulative and
28 not alternative.

29 SEC. 3. Chapter 2.5 (commencing with Section 1065) is added
30 to Part 1 of Division 2 of the Water Code, to read:

31

32 CHAPTER 2.5. WATER SHORTAGE ENFORCEMENT

33

34 1065. (a) The board may issue a curtailment order for any
35 diversion, regardless of basis of right, when water is not available
36 under the diverter’s priority of right.

37 (b) Failure to comply with a curtailment order is a ~~trespass as~~
38 ~~provided in Section 1052.~~ *trespass*.

39 (c) The board ~~may~~ *shall* adopt regulations to implement this
40 section.

1 SEC. 4. Section 1831 of the Water Code is amended to read:

2 1831. (a) When the board determines that any person is
3 violating, or threatening to violate, any requirement described in
4 subdivision (d), the board may issue an order to that person to
5 cease and desist from that violation.

6 (b) The cease and desist order shall require that person to comply
7 forthwith or in accordance with a time schedule set by the board.

8 (c) The board may issue a cease and desist order only after
9 notice and an opportunity for hearing pursuant to Section 1834.

10 (d) The board may issue a cease and desist order in response to
11 a violation or threatened violation of any of the following:

12 (1) The prohibition set forth in Section 1052 against the
13 unauthorized diversion or use of water subject to this division.

14 (2) When a water right holder fails to curtail diversions when
15 water is unavailable under the water right holder's priority of right.

16 (3) Any term or condition of a permit, license, certification, or
17 registration issued under this division.

18 (4) Any decision or order of the board issued under this part,
19 Section 275, Chapter 11 (commencing with Section 10735) of Part
20 2.74 of Division 6, or Article 7 (commencing with Section 13550)
21 of Chapter 7 of Division 7, in which decision or order the person
22 to whom the cease and desist order will be issued, or a predecessor
23 in interest to that person, was named as a party directly affected
24 by the decision or order.

25 (5) A regulation adopted under Section 1058.5.

26 (6) Any extraction restriction, limitation, order, or regulation
27 adopted or issued under Chapter 11 (commencing with Section
28 10735) of Part 2.74 of Division 6.

29 (7) Any diversion or use of water for cannabis cultivation if any
30 of paragraphs (1) to (6), inclusive, or any of the following applies:

31 (A) A license is required, but has not been obtained, under
32 Chapter 6 (commencing with Section 26060) or Chapter 7
33 (commencing with Section 26070) of Division 10 of the Business
34 and Professions Code.

35 (B) The diversion is not in compliance with an applicable
36 limitation or requirement established by the board or the
37 Department of Fish and Wildlife under Section 13149.

38 (C) The diversion or use is not in compliance with a requirement
39 imposed under paragraphs (1) and (2) of subdivision (b) of Section

- 1 26060.1 of, and paragraph (3) of subdivision (a) of Section 26070
- 2 of, the Business and Professions Code.
- 3 (e) This article does not alter the regulatory authority of the
- 4 board under other provisions of law.

O

118TH CONGRESS
1ST SESSION

H. R. 2964

To require the Federal Trade Commission to issue regulations requiring certain products to have “Do Not Flush” labeling, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

APRIL 27, 2023

Mrs. McCLAIN (for herself and Mrs. PELTOLA) introduced the following bill; which was referred to the Committee on Energy and Commerce

A BILL

To require the Federal Trade Commission to issue regulations requiring certain products to have “Do Not Flush” labeling, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Wastewater Infrastruc-
5 ture Pollution Prevention and Environmental Safety Act”
6 or the “WIPPES Act”.

7 **SEC. 2. “DO NOT FLUSH” LABELING.**

8 (a) IN GENERAL.—

9 (1) REGULATIONS.—Not later than 2 years
10 after the date of enactment of this section, the Fed-

1 eral Trade Commission shall issue regulations under
2 section 553 of title 5, United States Code, requiring
3 covered entities to label covered products clearly and
4 conspicuously with “Do Not Flush” label notices
5 and symbols in accordance with this section.

6 (2) CONSULTATION WITH OTHER AGENCIES.—

7 In developing the regulations required under para-
8 graph (1), the Federal Trade Commission may con-
9 sult with the Administrator of the Environmental
10 Protection Agency, the Commissioner of Food and
11 Drugs, and the Consumer Product Safety Commis-
12 sion as appropriate depending on the type of covered
13 product involved.

14 (b) REQUIREMENTS.—

15 (1) CYLINDRICAL PACKAGING.—In issuing reg-
16 ulations under subsection (a), the Commission shall
17 require a covered product sold in cylindrical or near-
18 cylindrical packaging, and intended to dispense indi-
19 vidual wipes, to have—

20 (A) the symbol and label notice on the
21 principal display panel in a location reasonably
22 visible to the user each time a wipe is dis-
23 pensed; or

24 (B) the symbol on the principal display
25 panel and the label notice, or a combination of

1 the label notice and symbol, on a flip lid in a
2 manner that covers at least 8 percent of the
3 surface area of the flip lid.

4 (2) FLEXIBLE FILM PACKAGING.—In issuing
5 regulations under subsection (a), the Commission
6 shall require a covered product sold in flexible film
7 packaging, and intended to dispense individual
8 wipes, to have—

9 (A) the symbol on the principal display
10 panel and, if the principal display panel is not
11 on the dispensing side of the packaging, on the
12 dispensing side panel; and

13 (B) the label notice on either the principal
14 display panel or the dispensing side panel, in a
15 prominent location reasonably visible to the
16 user each time a wipe is dispensed.

17 (3) RIGID PACKAGING.—In issuing regulations
18 under subsection (a), the Commission shall require
19 a covered product sold in a refillable tub or other
20 rigid packaging that may be reused by a customer,
21 and intended to dispense individual wipes, to have
22 the symbol and label notice on the principal display
23 panel in a prominent location reasonably visible to
24 the user each time a wipe is dispensed.

1 (4) PACKAGING NOT INTENDED TO DISPENSE
2 INDIVIDUAL WIPES.—In issuing regulations under
3 subsection (a), the Commission shall require a cov-
4 ered product sold in packaging that is not intended
5 to dispense individual wipes to have the symbol and
6 label notice on the principal display panel in a
7 prominent location reasonably visible to the user of
8 the covered product.

9 (5) BULK PACKAGING.—

10 (A) IN GENERAL.—In issuing regulations
11 under subsection (a), the Commission shall re-
12 quire a covered product sold in bulk at retail to
13 have labeling in compliance with such regula-
14 tions on both the outer packaging visible at re-
15 tail and the individual packaging contained
16 within the outer packaging.

17 (B) EXEMPTION.—The Commission shall
18 exempt from the requirements under subpara-
19 graph (A) the following:

20 (i) Individually packaged covered
21 products that are contained within outer
22 packaging, are not intended to dispense in-
23 dividual wipes, and have no retail labeling.

24 (ii) Outer packaging that does not ob-
25 scure the symbol and label notice on indi-

1 vidually packaged covered products con-
2 tained within.

3 (6) PACKAGING OF COMBINED PRODUCTS.—

4 (A) OUTER PACKAGING.—In issuing regu-
5 lations under subsection (a), the Commission
6 shall exempt the outer packaging of a combined
7 product from the requirements of such regula-
8 tions.

9 (B) PACKAGES LESS THAN 3 BY 3
10 INCHES.—In issuing regulations under sub-
11 section (a), the Commission shall provide that,
12 with respect to a covered product in packaging
13 smaller than 3 inches by 3 inches (such as an
14 individually packaged wipe in tear-top pack-
15 aging) and sold as part of a combined product,
16 if a symbol and label notice are placed in a
17 prominent location reasonably visible to the
18 user of the covered product, such covered prod-
19 uct is considered to be labeled clearly and con-
20 spicuously in accordance with such regulations.

21 (c) REASONABLE VISIBILITY OF SYMBOL AND LABEL
22 NOTICE.—

23 (1) IN GENERAL.—In requiring the symbol and
24 label notice under this section, the Commission shall
25 require that—

1 (A) packaging seams or folds or other
2 packaging design elements do not obscure the
3 symbol or label notice;

4 (B) the symbol and label notice are each
5 equal in size to at least 2 percent of the surface
6 area of the principal display panel; and

7 (C) the symbol and label notice have high
8 contrast with the immediate background of the
9 packaging so that such symbol and label notice
10 may be seen and read by an ordinary individual
11 under customary conditions of purchase and
12 use.

13 (2) PROXIMITY OF SYMBOL AND LABEL NO-
14 TICE.—In requiring the symbol and label notice
15 under this section, the Commission may allow a
16 symbol and label notice on a principal display panel
17 to be placed adjacently or on separate areas of the
18 principal display panel.

19 (3) EXCEPTION.—Paragraph (1)(C) does not
20 apply to an embossed symbol or label notice on the
21 flip lid of a covered product sold in cylindrical or
22 near-cylindrical packaging.

23 (d) ADDITIONAL WORDS OR PHRASES.—In issuing
24 regulations under subsection (a), the Commission shall
25 allow additional words or phrases on a covered product

1 that describe consequences associated with flushing or dis-
2 posing of such covered product, if such words or phrases
3 are consistent with the purposes of this section.

4 (e) REPRESENTATIONS OF FLUSHABILITY.—In
5 issuing regulations under subsection (a), the Commission
6 shall prohibit, with respect to a covered product, the rep-
7 resentation or marketing of flushable attributes, perform-
8 ance, or efficacy benefits.

9 (f) COMPLIANCE WITH OTHER REQUIREMENTS.—

10 (1) FIFRA REQUIREMENTS.—

11 (A) IN GENERAL.—Not later than 2 years
12 after the date of the enactment of this Act, the
13 Commission and the Administrator of the Envi-
14 ronmental Protection Agency, acting jointly,
15 shall issue regulations that, with respect to a
16 covered product that contains a pesticide re-
17 quired to be registered under the Federal Insec-
18 ticide, Fungicide, and Rodenticide Act (7
19 U.S.C. 136 et seq.), include the following:

20 (i) Instructions describing how such a
21 covered product may comply with the re-
22 quirements of such Act and the regulations
23 issued under subsection (a).

24 (ii) A requirement that, not later than
25 90 days after the date on which regula-

1 tions are issued under this subparagraph,
2 a covered entity shall submit for approval
3 by the Administrator of the Environmental
4 Protection Agency a product label compli-
5 ant with such instructions.

6 (B) ENFORCEMENT.—For purposes of sub-
7 section (h), a violation of a regulation issued
8 under subparagraph (A) shall be treated as a
9 violation of a regulation issued under subsection
10 (a).

11 (2) TYPE SIZE EXCEPTION.—If the label notice
12 type size otherwise required by the regulations
13 issued under subsection (a) for a covered product
14 would conflict with a labeling requirement under the
15 Federal Insecticide, Fungicide, and Rodenticide Act
16 (7 U.S.C. 136 et seq.) or the Federal Hazardous
17 Substances Act (15 U.S.C. 1261 et seq.), the Com-
18 mission may, in issuing such regulations, provide for
19 a label notice type size requirement for the covered
20 product under this section that—

21 (A) in the case of a covered product re-
22 quired to display a warning pursuant to the
23 Federal Insecticide, Fungicide, and Rodenticide
24 Act regarding a pesticide in such covered prod-
25 uct, requires a type size for the label notice

1 under this paragraph that is equal to or greater
2 than the type size required for the “keep out of
3 reach of children” statement under such Act;
4 and

5 (B) in the case of a covered product re-
6 quired to contain first aid instructions pursuant
7 to the Federal Hazardous Substances Act, re-
8 quires a type size for the label notice under this
9 paragraph that is equal to or greater than the
10 type size required for such first aid instruc-
11 tions.

12 (g) APPLICABILITY.—The Commission shall provide
13 that the regulations issued under subsection (a) apply with
14 respect to covered products manufactured on or after the
15 date that is 90 days after the date on which such regula-
16 tions are issued.

17 (h) ENFORCEMENT BY FEDERAL TRADE COMMIS-
18 SION.—

19 (1) UNFAIR OR DECEPTIVE ACTS OR PRAC-
20 TICES.—A violation of a regulation promulgated
21 under subsection (a) shall be treated as a violation
22 of a regulation under section 18(a)(1)(B) of the
23 Federal Trade Commission Act (15 U.S.C.
24 57a(a)(1)(B)) regarding unfair or deceptive acts or
25 practices.

1 (2) POWERS OF COMMISSION.—Except as pro-
2 vided in paragraph (3), the Commission shall en-
3 force the regulations promulgated under subsection
4 (a) in the same manner, by the same means, and
5 with the same jurisdiction, powers, and duties as
6 though all applicable terms and provisions of the
7 Federal Trade Commission Act (15 U.S.C. 41 et
8 seq.) were incorporated into and made a part of this
9 section, and any person who violates such a regula-
10 tion shall be subject to the penalties and entitled to
11 the privileges and immunities provided in the Fed-
12 eral Trade Commission Act.

13 (3) PENALTY AMOUNTS.—Notwithstanding sec-
14 tion 5 of the Federal Trade Commission Act (15
15 U.S.C. 45), any civil penalties imposed under such
16 section with respect to a violation of a regulation
17 promulgated under subsection (a) of this section
18 shall be in accordance with the following:

19 (A) A fine of not more than \$2,500 for
20 each day that a violation occurs.

21 (B) In no event may the total amount of
22 fines imposed for a single violation exceed
23 \$100,000.

24 (i) PREEMPTION OF STATE LAWS.—No State or po-
25 litical subdivision of a State may directly or indirectly es-

1 tablish or continue in effect under any authority restric-
2 tions with respect to the “Do Not Flush” labeling of cov-
3 ered products that are not identical to the restrictions
4 under this section.

5 (j) DEFINITIONS.—In this Act:

6 (1) COMBINED PRODUCT.—The term “com-
7 bined product” means two or more products sold in
8 shared retail packaging, of which—

9 (A) at least one of the products is a cov-
10 ered product; and

11 (B) at least one of the products is another
12 consumer product intended to be used in com-
13 bination with such covered product.

14 (2) COMMISSION.—The term “Commission”
15 means the Federal Trade Commission.

16 (3) COVERED ENTITY.—The term “covered en-
17 tity” means a manufacturer, wholesaler, supplier, or
18 retailer that is responsible for the labeling or retail
19 packaging of a covered product that is sold or of-
20 fered for sale in the United States.

21 (4) COVERED PRODUCT.—

22 (A) IN GENERAL.—The term “covered
23 product” means a premoistened, nonwoven dis-
24 posable wipe sold or offered for retail sale—

1 (i) that is marketed as a baby wipe or
2 diapering wipe; or

3 (ii) that is a household or personal
4 care wipe (including wipes described in
5 subparagraph (B)) that—

6 (I) is composed entirely, or in
7 part, of petrochemical-derived fibers;
8 and

9 (II) has significant potential to
10 be flushed.

11 (B) INCLUSIONS.—The wipes described in
12 this subparagraph are—

13 (i) antibacterial wipes and disinfecting
14 wipes;

15 (ii) wipes intended for general purpose
16 cleaning or bathroom cleaning, including
17 toilet cleaning and hard surface cleaning;
18 and

19 (iii) wipes intended for personal care
20 use on the body, including hand sanitizing,
21 makeup removal, feminine hygiene, adult
22 hygiene (including incontinence hygiene),
23 and body cleansing.

1 (5) HIGH CONTRAST.—The term “high con-
2 trast” means, with respect to the symbol or label no-
3 tice, that such symbol or label notice—

4 (A) is either light on a solid dark back-
5 ground or dark on a solid light background; and

6 (B) has a contrast percentage of at least
7 70 percent between such symbol or label notice
8 and the background, using the formula $(B1 -$
9 $B2) / B1 * 100 =$ contrast percentage, where
10 B1 is the light reflectance value of the lighter
11 area and B2 is the light reflectance value of the
12 darker area.

13 (6) LABEL NOTICE.—The term “label notice”
14 means the written phrase “Do Not Flush”.

15 (7) PRINCIPAL DISPLAY PANEL.—The term
16 “principal display panel” means the side of a prod-
17 uct package that is most likely to be displayed, pre-
18 sented, or shown under customary conditions of dis-
19 play for retail sale, and—

20 (A) in the case of a cylindrical or near-cy-
21 lindrical package, the surface area of which
22 constitutes at least 40 percent of the product
23 package, as measured by multiplying the height
24 by the circumference of the package; or

1 (B) in the case of a flexible film package
2 in which a rectangular prism or near-rectan-
3 gular prism stack of wipes is housed within the
4 film, the surface area of which is measured by
5 multiplying the length by the width of the side
6 of the package when the flexible packaging film
7 is pressed flat against the stack of wipes on all
8 sides of the stack.

9 (8) SYMBOL.—The term “symbol” means the
10 “Do Not Flush” symbol, as depicted in the Guide-
11 lines for Assessing the Flushability of Disposable
12 Nonwoven Products (Edition 4; May 2018) pub-
13 lished by the Association of the Nonwoven Fabrics
14 Industry (INDA) and the European Disposables
15 And Nonwovens Association (EDANA), or an other-
16 wise identical symbol depicting an individual of an-
17 other gender.

○

118TH CONGRESS
1ST SESSION

S. 1350

To require the Federal Trade Commission to issue regulations requiring certain products to have “Do Not Flush” labeling, and for other purposes.

IN THE SENATE OF THE UNITED STATES

APRIL 27, 2023

Mr. MERKLEY (for himself, Ms. COLLINS, Mr. KING, Mrs. SHAHEEN, Mr. WYDEN, Mr. MARKEY, Mr. BLUMENTHAL, and Ms. WARREN) introduced the following bill; which was read twice and referred to the Committee on Commerce, Science, and Transportation

A BILL

To require the Federal Trade Commission to issue regulations requiring certain products to have “Do Not Flush” labeling, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Wastewater Infrastruc-
5 ture Pollution Prevention and Environmental Safety Act”
6 or the “WIPPES Act”.

7 **SEC. 2. “DO NOT FLUSH” LABELING.**

8 (a) IN GENERAL.—

1 (1) REGULATIONS.—Not later than 2 years
2 after the date of enactment of this section, the Fed-
3 eral Trade Commission shall issue regulations under
4 section 553 of title 5, United States Code, requiring
5 covered entities to label covered products clearly and
6 conspicuously with “Do Not Flush” label notices
7 and symbols in accordance with this section.

8 (2) CONSULTATION WITH OTHER AGENCIES.—
9 In developing the regulations required under para-
10 graph (1), the Federal Trade Commission may con-
11 sult with the Administrator of the Environmental
12 Protection Agency, the Commissioner of Food and
13 Drugs, and the Consumer Product Safety Commis-
14 sion as appropriate depending on the type of covered
15 product involved.

16 (b) REQUIREMENTS.—

17 (1) CYLINDRICAL PACKAGING.—In issuing reg-
18 ulations under subsection (a), the Commission shall
19 require a covered product sold in cylindrical or near-
20 cylindrical packaging, and intended to dispense indi-
21 vidual wipes, to have—

22 (A) the symbol and label notice on the
23 principal display panel in a location reasonably
24 visible to the user each time a wipe is dis-
25 pensed; or

1 (B) the symbol on the principal display
2 panel and the label notice, or a combination of
3 the label notice and symbol, on a flip lid in a
4 manner that covers at least 8 percent of the
5 surface area of the flip lid.

6 (2) FLEXIBLE FILM PACKAGING.—In issuing
7 regulations under subsection (a), the Commission
8 shall require a covered product sold in flexible film
9 packaging, and intended to dispense individual
10 wipes, to have—

11 (A) the symbol on the principal display
12 panel and, if the principal display panel is not
13 on the dispensing side of the packaging, on the
14 dispensing side panel; and

15 (B) the label notice on either the principal
16 display panel or the dispensing side panel, in a
17 prominent location reasonably visible to the
18 user each time a wipe is dispensed.

19 (3) RIGID PACKAGING.—In issuing regulations
20 under subsection (a), the Commission shall require
21 a covered product sold in a refillable tub or other
22 rigid packaging that may be reused by a customer,
23 and intended to dispense individual wipes, to have
24 the symbol and label notice on the principal display

1 panel in a prominent location reasonably visible to
2 the user each time a wipe is dispensed.

3 (4) PACKAGING NOT INTENDED TO DISPENSE
4 INDIVIDUAL WIPES.—In issuing regulations under
5 subsection (a), the Commission shall require a cov-
6 ered product sold in packaging that is not intended
7 to dispense individual wipes to have the symbol and
8 label notice on the principal display panel in a
9 prominent location reasonably visible to the user of
10 the covered product.

11 (5) BULK PACKAGING.—

12 (A) IN GENERAL.—In issuing regulations
13 under subsection (a), the Commission shall re-
14 quire a covered product sold in bulk at retail to
15 have labeling in compliance with such regula-
16 tions on both the outer packaging visible at re-
17 tail and the individual packaging contained
18 within the outer packaging.

19 (B) EXEMPTION.—The Commission shall
20 exempt from the requirements under subpara-
21 graph (A) the following:

22 (i) Individually packaged covered
23 products that are contained within outer
24 packaging, are not intended to dispense in-
25 dividual wipes, and have no retail labeling.

1 (ii) Outer packaging that does not ob-
2 scure the symbol and label notice on indi-
3 vidually packaged covered products con-
4 tained within.

5 (6) PACKAGING OF COMBINED PRODUCTS.—

6 (A) OUTER PACKAGING.—In issuing regu-
7 lations under subsection (a), the Commission
8 shall exempt the outer packaging of a combined
9 product from the requirements of such regula-
10 tions.

11 (B) PACKAGES LESS THAN 3 BY 3
12 INCHES.—In issuing regulations under sub-
13 section (a), the Commission shall provide that,
14 with respect to a covered product in packaging
15 smaller than 3 inches by 3 inches (such as an
16 individually packaged wipe in tear-top pack-
17 aging) and sold as part of a combined product,
18 if a symbol and label notice are placed in a
19 prominent location reasonably visible to the
20 user of the covered product, such covered prod-
21 uct is considered to be labeled clearly and con-
22 spicuously in accordance with such regulations.

23 (c) REASONABLE VISIBILITY OF SYMBOL AND LABEL
24 NOTICE.—

1 (1) IN GENERAL.—In requiring the symbol and
2 label notice under this section, the Commission shall
3 require that—

4 (A) packaging seams or folds or other
5 packaging design elements do not obscure the
6 symbol or label notice;

7 (B) the symbol and label notice are each
8 equal in size to at least 2 percent of the surface
9 area of the principal display panel; and

10 (C) the symbol and label notice have high
11 contrast with the immediate background of the
12 packaging so that such symbol and label notice
13 may be seen and read by an ordinary individual
14 under customary conditions of purchase and
15 use.

16 (2) PROXIMITY OF SYMBOL AND LABEL NO-
17 TICE.—In requiring the symbol and label notice
18 under this section, the Commission may allow a
19 symbol and label notice on a principal display panel
20 to be placed adjacently or on separate areas of the
21 principal display panel.

22 (3) EXCEPTION.—Paragraph (1)(C) does not
23 apply to an embossed symbol or label notice on the
24 flip lid of a covered product sold in cylindrical or
25 near-cylindrical packaging.

1 (d) ADDITIONAL WORDS OR PHRASES.—In issuing
2 regulations under subsection (a), the Commission shall
3 allow additional words or phrases on a covered product
4 that describe consequences associated with flushing or dis-
5 posing of such covered product, if such words or phrases
6 are consistent with the purposes of this section.

7 (e) REPRESENTATIONS OF FLUSHABILITY.—In
8 issuing regulations under subsection (a), the Commission
9 shall prohibit, with respect to a covered product, the rep-
10 resentation or marketing of flushable attributes, perform-
11 ance, or efficacy benefits.

12 (f) COMPLIANCE WITH OTHER REQUIREMENTS.—

13 (1) FIFRA REQUIREMENTS.—

14 (A) IN GENERAL.—Not later than 2 years
15 after the date of the enactment of this Act, the
16 Commission and the Administrator of the Envi-
17 ronmental Protection Agency, acting jointly,
18 shall issue regulations that, with respect to a
19 covered product that contains a pesticide re-
20 quired to be registered under the Federal Insec-
21 ticide, Fungicide, and Rodenticide Act (7
22 U.S.C. 136 et seq.), include the following:

23 (i) Instructions describing how such a
24 covered product may comply with the re-

1 requirements of such Act and the regulations
2 issued under subsection (a).

3 (ii) A requirement that, not later than
4 90 days after the date on which regula-
5 tions are issued under this subparagraph,
6 a covered entity shall submit for approval
7 by the Administrator of the Environmental
8 Protection Agency a product label compli-
9 ant with such instructions.

10 (B) ENFORCEMENT.—For purposes of sub-
11 section (h), a violation of a regulation issued
12 under subparagraph (A) shall be treated as a
13 violation of a regulation issued under subsection
14 (a).

15 (2) TYPE SIZE EXCEPTION.—If the label notice
16 type size otherwise required by the regulations
17 issued under subsection (a) for a covered product
18 would conflict with a labeling requirement under the
19 Federal Insecticide, Fungicide, and Rodenticide Act
20 (7 U.S.C. 136 et seq.) or the Federal Hazardous
21 Substances Act (15 U.S.C. 1261 et seq.), the Com-
22 mission may, in issuing such regulations, provide for
23 a label notice type size requirement for the covered
24 product under this section that—

1 (A) in the case of a covered product re-
2 quired to display a warning pursuant to the
3 Federal Insecticide, Fungicide, and Rodenticide
4 Act regarding a pesticide in such covered prod-
5 uct, requires a type size for the label notice
6 under this paragraph that is equal to or greater
7 than the type size required for the “keep out of
8 reach of children” statement under such Act;
9 and

10 (B) in the case of a covered product re-
11 quired to contain first aid instructions pursuant
12 to the Federal Hazardous Substances Act, re-
13 quires a type size for the label notice under this
14 paragraph that is equal to or greater than the
15 type size required for such first aid instruc-
16 tions.

17 (g) APPLICABILITY.—The Commission shall provide
18 that the regulations issued under subsection (a) apply with
19 respect to covered products manufactured on or after the
20 date that is 90 days after the date on which such regula-
21 tions are issued.

22 (h) ENFORCEMENT BY FEDERAL TRADE COMMIS-
23 SION.—

24 (1) UNFAIR OR DECEPTIVE ACTS OR PRAC-
25 TICES.—A violation of a regulation promulgated

1 under subsection (a) shall be treated as a violation
2 of a regulation under section 18(a)(1)(B) of the
3 Federal Trade Commission Act (15 U.S.C.
4 57a(a)(1)(B)) regarding unfair or deceptive acts or
5 practices.

6 (2) POWERS OF COMMISSION.—Except as pro-
7 vided in paragraph (3), the Commission shall en-
8 force the regulations promulgated under subsection
9 (a) in the same manner, by the same means, and
10 with the same jurisdiction, powers, and duties as
11 though all applicable terms and provisions of the
12 Federal Trade Commission Act (15 U.S.C. 41 et
13 seq.) were incorporated into and made a part of this
14 section, and any person who violates such a regula-
15 tion shall be subject to the penalties and entitled to
16 the privileges and immunities provided in the Fed-
17 eral Trade Commission Act.

18 (3) PENALTY AMOUNTS.—Notwithstanding sec-
19 tion 5 of the Federal Trade Commission Act (15
20 U.S.C. 45), any civil penalties imposed under such
21 section with respect to a violation of a regulation
22 promulgated under subsection (a) of this section
23 shall be in accordance with the following:

24 (A) A fine of not more than \$2,500 for
25 each day that a violation occurs.

1 (B) In no event may the total amount of
2 fines imposed for a single violation exceed
3 \$100,000.

4 (i) PREEMPTION OF STATE LAWS.—No State or po-
5 litical subdivision of a State may directly or indirectly es-
6 tablish or continue in effect under any authority restric-
7 tions with respect to the “Do Not Flush” labeling of cov-
8 ered products that are not identical to the restrictions
9 under this section.

10 (j) DEFINITIONS.—In this Act:

11 (1) COMBINED PRODUCT.—The term “com-
12 bined product” means two or more products sold in
13 shared retail packaging, of which—

14 (A) at least one of the products is a cov-
15 ered product; and

16 (B) at least one of the products is another
17 consumer product intended to be used in com-
18 bination with such covered product.

19 (2) COMMISSION.—The term “Commission”
20 means the Federal Trade Commission.

21 (3) COVERED ENTITY.—The term “covered en-
22 tity” means a manufacturer, wholesaler, supplier, or
23 retailer that is responsible for the labeling or retail
24 packaging of a covered product that is sold or of-
25 fered for sale in the United States.

1 (4) COVERED PRODUCT.—

2 (A) IN GENERAL.—The term “covered
3 product” means a premoistened, nonwoven dis-
4 posable wipe sold or offered for retail sale—

5 (i) that is marketed as a baby wipe or
6 diapering wipe; or

7 (ii) that is a household or personal
8 care wipe (including wipes described in
9 subparagraph (B)) that—

10 (I) is composed entirely, or in
11 part, of petrochemical-derived fibers;
12 and

13 (II) has significant potential to
14 be flushed.

15 (B) INCLUSIONS.—The wipes described in
16 this subparagraph are—

17 (i) antibacterial wipes and disinfecting
18 wipes;

19 (ii) wipes intended for general purpose
20 cleaning or bathroom cleaning, including
21 toilet cleaning and hard surface cleaning;
22 and

23 (iii) wipes intended for personal care
24 use on the body, including hand sanitizing,
25 makeup removal, feminine hygiene, adult

1 hygiene (including incontinence hygiene),
2 and body cleansing.

3 (5) HIGH CONTRAST.—The term “high con-
4 trast” means, with respect to the symbol or label no-
5 tice, that such symbol or label notice—

6 (A) is either light on a solid dark back-
7 ground or dark on a solid light background; and

8 (B) has a contrast percentage of at least
9 70 percent between such symbol or label notice
10 and the background, using the formula $(B1 -$
11 $B2) / B1 * 100 =$ contrast percentage, where
12 B1 is the light reflectance value of the lighter
13 area and B2 is the light reflectance value of the
14 darker area.

15 (6) LABEL NOTICE.—The term “label notice”
16 means the written phrase “Do Not Flush”.

17 (7) PRINCIPAL DISPLAY PANEL.—The term
18 “principal display panel” means the side of a prod-
19 uct package that is most likely to be displayed, pre-
20 sented, or shown under customary conditions of dis-
21 play for retail sale, and—

22 (A) in the case of a cylindrical or near-cy-
23 lindrical package, the surface area of which
24 constitutes at least 40 percent of the product

1 package, as measured by multiplying the height
2 by the circumference of the package; or

3 (B) in the case of a flexible film package
4 in which a rectangular prism or near-rectan-
5 gular prism stack of wipes is housed within the
6 film, the surface area of which is measured by
7 multiplying the length by the width of the side
8 of the package when the flexible packaging film
9 is pressed flat against the stack of wipes on all
10 sides of the stack.

11 (8) SYMBOL.—The term “symbol” means the
12 “Do Not Flush” symbol, as depicted in the Guide-
13 lines for Assessing the Flushability of Disposable
14 Nonwoven Products (Edition 4; May 2018) pub-
15 lished by the Association of the Nonwoven Fabrics
16 Industry (INDA) and the European Disposables
17 And Nonwovens Association (EDANA), or an other-
18 wise identical symbol depicting an individual of an-
19 other gender.

○

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: June 13, 2023

MEMO TO: Board of Directors

FROM: Clifford C. Chan, General Manager *CCC*

SUBJECT: Monthly Report – May 2023

HIGHLIGHT

On May 21, the District hosted its Centennial Birthday and Community Fair at Lake Temescal in Oakland. Community members enjoyed food trucks, performances, giveaways, kids games, nature exhibits, informational booths, and a beer and wine garden. EBMUD Board members also attended, as did many regional partners including BART, Kaiser Permanente, State Farm Insurance, East Bay Regional Park District, East Bay Community Energy, Marin Clean Energy, UC Berkeley, and others. KTVU and KCBS did live interviews, and KTVU did a live on-stage interview with Director Lesa McIntosh, Drakes Brewing Company, and the Richmond Community Foundation (RCF) to promote the Water Lifeline program. Approximately 3,000 people attended.

In May, the District paid down \$14 million of its Water System Commercial Paper from cash on hand, further reducing its liabilities. The District has \$281 million remaining in Water System Commercial Paper.

WATER SUPPLY

East Bayshore Recycled Water Project update. On May 8, staff successfully completed a cross-connection test for Sherwin Williams' Phase 2 development of mixed multi-residential buildings and retail space in Emeryville. Phase 2 includes the irrigation of a multi-story building and surrounding streetscapes. The site was connected to recycled water for irrigation in late May. On May 15, approximately 1,500 feet out of 2,440 feet of the 12-inch pipeline was installed for the Gilman Recycled Water Pipeline Project in Berkeley. Construction continues along Eastshore Highway during the night. It is anticipated that contaminated soil will be encountered. The soil is being tested for proper characterization and disposal.

In May, the U.S. Bureau of Reclamation (Reclamation) Regional Director signed the Basis of Negotiations (BON) to support the development of the proposed long-term transfer project between Placer County Water Agency and EBMUD. The BON has been sent to Reclamation's Denver office for review as the next step in the process.

On May 18, staff met with the Orinda Country Club to discuss their application submitted to the District to appropriate water from San Pablo Creek. A plan for future meetings was discussed to assist in finding a solution that protects the District’s interests.

Precipitation. The East Bay precipitation for May was 1.13 inches (153 percent of average) and the season total was 37.24 inches (140 percent of average). The Mokelumne precipitation for May was 1.56 inches (69 percent of average) and the season total was 71.38 inches (150 percent of average).

Water Releases

Camanche Reservoir. The average rate of Camanche release for May was 3,247 cfs (1,100 cfs generation, 2,117 cfs sluice, and 30 cfs through the hatchery), and the average flow below Woodbridge Dam was 2,982 cfs, both in accordance with the Joint Settlement Agreement "Normal & Above" water year criteria.

East Bay Reservoirs. Chabot Reservoir releases ended on May 1. There were no releases from other East Bay reservoirs.

Water Storage

Mokelumne reservoirs storage is 91 percent of average. As of May 31, 2023, Pardee was at 569.1 feet or 105 percent of average, and Camanche was at 212.0 feet or 82 percent of average. Combined Pardee and Camanche reservoir storage was 466,000 acre-feet compared to 415,000 acre-feet last year.

East Bay reservoirs storage is 104 percent of average. As of May 31, 2023, Upper San Leandro was at 458.4 feet or 112 percent of average, San Pablo was at 308.5 feet or 100 percent of average, and Briones was at 575.5 feet or 103 percent of average. Total terminal reservoir storage was 142,000 acre-feet compared to 130,000 acre-feet last year.

Mokelumne Aqueducts and Raw Water Pumping Plants. The average rate of Mokelumne Aqueduct draft for May 2023 was 131 MGD. Walnut Creek, Moraga and Briones Raw Water Pumping Plants remained out of service for the month.

Water Production. Average rate of gross water production for May:

	May 2023	May 2022	May 2020	Average of FY 2005-2007
East of Hills	43 MGD	49 MGD	54 MGD	67 MGD
West of Hills	110 MGD	116 MGD	121 MGD	155 MGD
Total	153 MGD	165 MGD	175 MGD	222 MGD
Max Day Production	172 MGD (5/24/2023)	185 MGD (5/23/2022)	206 MGD (5/27/2020)	

Note: Data are all from preliminary daily operational reports and are subject to revision

WATER QUALITY AND ENVIRONMENTAL PROTECTION

In May, seasonal salmonid field monitoring was conducted in the Mokelumne River.

Through May 11, 691 juvenile Chinook salmon were captured in the downstream rotary screw trap (including weekend estimates). In addition to trap checks, trap calibrations (also called efficiency tests) were conducted to help provide an estimate of the proportion of natural-origin juvenile Chinook salmon captured. As a result, the current production estimate of juvenile Chinook salmon at the downstream trap is 66,692.

In May, the District completed the 2023 Juvenile Chinook Salmon Acoustic Telemetry Study by releasing five more distinct groups of hatchery-reared smolt surgically implanted with acoustic transmitters. Similar to last month's releases, the tagged juvenile salmon are tracked as they migrate from the Lower Mokelumne River to the Pacific Ocean. A total of 47 receivers have been deployed throughout the Lower Mokelumne River as part of the 2023 acoustic telemetry study with the goal of assessing the outmigration survival of Chinook salmon smolts. The salmon from this year's study are being released into significantly higher river flows when compared to the last two study years (2021 and 2022 drought years); therefore this year's releases should enable researchers to better understand how higher environmental flows may positively or negatively affect survival of out-migrating juvenile Chinook salmon. Based on the outputs of this study, biologists and managers hope to identify actionable management alternatives that may lead to increased survival and subsequent escapement of adult Chinook salmon back to the Lower Mokelumne River.

In May, two industrial customers in the wastewater service area were issued a Notice of Violation (NOV). The NOV's were issued to a beverage manufacturing facility and a pharmaceutical manufacturing facility, both located in Berkeley, for exceeding the District's local limit for pH. Each industrial customer submitted a written technical report and corrective action plan and is required to pay fees to cover the District's administrative costs.

On May 4, the District submitted a letter to the Central Valley Regional Water Quality Control Board (CVRWQCB) documenting short-term remedial actions taken to stop the overflow and prevent future discharges at the Lancha Plana site on the northeast shore of Camanche Reservoir. This pre-existing impoundment was not created by the District. The impoundment contains elevated levels of zinc, cadmium, and beryllium, similar to other remediation ponds managed by the District in this area. Staff prepared a scope of work to complete necessary repairs to the impoundment in accordance with timeframes specified by CVRWQCB. Staff is in the process of procuring all necessary permits to complete this work and soliciting contractors for construction.

On May 5, staff completed a bald eagle nesting survey on the eastshore of San Pablo Reservoir. Staff observed one adult bald eagle and two juveniles in the nest. The juveniles appeared fully feathered and are expected to stay around the nest for the next several months until they fully fledge. Bald eagles have nested at the same location since 2004, constructing six

different nests in the immediate area. Surveys indicate that at least 34 bald eagles have fledged from the nests at this location since 2004.

On May 8, the District submitted updated Local Reservoir Emergency Action Plans (EAPs) to the California Governor’s Office of Emergency Services (Cal OES) in compliance with updated State requirements. The updated EAPs included the new 2019 inundation mapping, emergency determination flow charts for EAP activation, notification flow charts for four emergency levels, EAP response process, responsibilities, preparedness, and outreach to local agencies. The EAPs are an annex to the District’s Emergency Operations Plan and are used to define the incident detection, evaluation, and response protocols, including notifying local agencies with pre-assigned responsibilities in an emergency.

On May 10, staff attended the San Joaquin Council of Governments Habitat Tactical Advisory Committee meeting. The Habitat Tactical Advisory Committee makes recommendations regarding the San Joaquin County Multi-Species Habitat Conservation and Open Space Plan. The committee is responsible for verifying the plan is being implemented correctly and for solving any issues that arise during implementation.

On May 11, the District received a Notice of Violation (NOV) from the Bay Area Air Quality Management District (BAAQMD) for a digester venting incident that occurred on April 2, 2023. The NOV was issued for an incident caused by an operator who incorrectly positioned a three-way valve. The brief release was immediately reported, standard operating procedures were updated, operators re-trained, and upgrades were made to signage/labeling on the valve to prevent a future occurrence. BAAQMD acknowledged the timely reporting of the incident, quick response, and corrective actions; however, regulations required issuance of the NOV. Financial penalties associated with the infraction are not yet known.

On May 12, staff submitted a revised Emergency Action Plan (EAP) for Pardee and Camanche Dams to the California Governor's Office of Emergency Services (Cal OES) in response to the agency’s review comments. Cal OES will review the revised EAP for compliance with the State’s requirements.

On May 16, staff responded to a fire in Wallace, California, just south of Camanche Reservoir. Staff assisted with extinguishing a half acre vegetation fire that was started by a nearby structure fire. No District property was damaged.

All authorized discharges from the Main Wastewater Treatment Plant (MWWTP) were in compliance with the permit limits for the month of May. This is the 285th consecutive month that the MWWTP experienced no exceedances.

The District received no odor reports from the public in May.

INFRASTRUCTURE INVESTMENT

New Central Area Service Center (formerly Willow Service Center) Project update. On May 19, the District submitted additional information requested by the City of Oakland (City) for the City’s processing of the District’s Major Conditional Use Permit. Additional information included two variance requests (one for the proposed driveway width and one for the setback from Mandela Parkway), and supplemental information regarding the proposed use of the site, an air quality analysis, and a parking analysis. It is anticipated that the project will be presented to the City’s Planning Commission in June 2023.

In May, staff completed the first phase of a pipeline replacement project in the Beloit Avenue area in Kensington. This project replaced cast iron pipe with approximately 1,875 feet of 6- and 8-inch structurally enhanced polyvinyl chloride pipe.

In May, staff completed a pipeline replacement project in the Ohio Avenue area in Richmond. This project replaced asbestos cement pipe and mortar-lined tape wrapped steel pipe with approximately 7,135 feet of 6- and 8-inch structurally enhanced polyvinyl chloride pipe and mortar-lined zinc coated ductile iron pipe.

In May, staff began a pipeline replacement project in the Maine Avenue area in Richmond. This project will replace cast iron pipe with approximately 4,775 feet of 6- and 8-inch structurally enhanced polyvinyl chloride pipe and mortar-lined zinc coated ductile iron pipe. This project is expected to be completed in September.

In May, staff completed the design of the Oakport Wet Weather Facility (WWF) Sodium Hypochlorite (SHC) Tanks Replacement Project under SD-442. This \$2.5 million construction project will replace three SHC tanks and associated piping and instrumentation at the Oakport WWF that have reached the end of their useful lives. On November 2, 2021, SHC Tank No. 2 catastrophically failed, and a District emergency was declared under Board Resolution No. 35253-21 to expedite installation of a temporary chemical storage system at the Oakport WWF; the temporary chemical storage system will be decommissioned as part of this project. The construction is expected to be completed in mid-2024.

Construction of the Administration Building Board Room Improvements was completed. The \$782,000 project included the installation of LED lighting and a new exposed grid suspended ceiling for energy savings as well as ease of access for routine maintenance to building systems above the ceiling; replacement of carpeting, fixed audience seating, acoustic wall panels, operable wall panels, microphones, and sound mixers; upgrading the WIFI hot spot and security cameras; refreshing wood finishes to extend the useful life of the wood on the dais and the trim; installing individual outlets and USB charging ports at each seat at the Board dais to allow for connectivity to the Internet if WIFI is not operable; and refreshing all painted surfaces. The new fixed seating is Americans with Disabilities Act compliant, and features power strips for occupants to charge computers and personal devices.

Mains repaired in May totaled 65. The attached table lists the mains repaired by staff in May, sorted by city and street. The table indicates the source of the leaks in three categories: non-surfacing leaks discovered by leak detection technologies, breaks caused by contractors or other agencies, and all other main breaks. The associated map shows the location of the main repairs.

CUSTOMER AND COMMUNITY SERVICES

In May, staff conducted two environmental education field trips. On May 10 and 17, a total of 28 students from Moraga’s Donald Rheem Elementary School removed hundreds of invasive French broom plants, improving native habitat and reducing fire fuels.

In May, EBMUD employee Beverly Johnson received the 2023 Unsung Hero Award from the Western Regional Minority Supplier Development Council.

In May, staff participated on two panels at the Association of California Water Agencies’ Spring Conference in Monterey. On May 10, staff participated on a panel regarding defined contribution retirement plans. On May 11, staff participated on a panel regarding defining affordability for essential water use. Approximately 85 people attended.

On May 1, staff attended the San Pablo City Council meeting. The District was presented with a resolution from the City of San Pablo commemorating the District’s 100th Anniversary.

On May 2, staff presented at the Fairview Municipal Advisory Council meeting in Castro Valley. The presentation highlighted the Fiscal Years 2024/2025 budget and rates and the Customer Assistance Program. Approximately 30 people attended.

On May 2, staff attend the El Cerrito City Council meeting. The District was presented with a resolution from the City of El Cerrito commemorating the District’s 100th Anniversary.

On May 4, staff met with local utilities to coordinate on construction activities. The agencies shared information on current and upcoming work. Participating utilities included: the City of Oakland, Comcast, PG&E, Verizon, Cable Com, AT&T, Extent Systems, P3Com, HPComminic, Mears, Sonic, Paxio, Zayo, Aecom, and Diable Engineering.

On May 6, staff participated in the Alameda County Assessor’s Office 4th Annual Homeowners Resource Fair in Berkeley. Staff provided information on requirements for accessory dwelling units. Approximately 500 people attended.

On May 6, staff conducted a tour of the Pavon Restoration Area for Friends of Pinole Creek Watershed. Wetland and creek restoration at the Pavon site in Pinole Valley was completed in 2010 as mitigation for the San Pablo Dam Seismic Retrofit Project. The tour included information on the design of the wetlands and creek channel restoration as well as the habitat that has developed and new sensitive species that have been documented at the site since restoration. Approximately 15 people attended.

On May 7, staff participated in Richmond’s Cinco de Mayo Festival. Staff provided information on the drought, rates, water conservation, the watershed, and the Customer Assistance Program. Approximately 50,000 people attended.

On May 8, staff presented at the Lafayette City Council meeting. The presentation highlighted an update of the Lafayette Reservoir Tower Seismic Retrofit Project. Staff responded to questions about the tower’s height and design. The council requested additional community outreach. Further architectural detailing will be completed during design. Approximately 40 people attended.

On May 9, staff attended the Orinda City Council meeting. The District was presented with a resolution from the City of Orinda commemorating the District’s 100th Anniversary. Mayor Inga Miller emphasized the importance of maintaining the strong bond and partnership between the District and the City of Orinda. Approximately 30 people attended.

On May 9, staff met with the City of Berkeley to coordinate construction activities. The two agencies shared information on current and upcoming work.

On May 10, staff met with the City of El Cerrito to coordinate construction activities. The two agencies shared information on current and upcoming work.

On May 10, staff presented at the El Sobrante Municipal Advisory Council’s meeting. The presentation highlighted the Fiscal Years 2024/2025 budget and rates and the Customer Assistance Program. Approximately 15 people attended.

On May 10, staff attended the Alameda County Mayor’s Conference meeting in Fremont. Staff engaged officials on various issues and invited them to attend the 100th Birthday Party and Community Fair at Lake Temescal in Oakland.

On May 10, staff attended the Oakland Chinatown Chamber of Commerce’s Annual Banquet in Oakland. Staff engaged with community stakeholders and invited them to attend the 100th Birthday Party and Community Fair.

On May 10, staff met with the Research Park and Marina Village property management teams to discuss the Oakland Inner Harbor Pipeline Crossings Project and its associated traffic control plan. Approximately 5 people attended.

On May 11, staff met with the City of Emeryville to coordinate construction activities. The two agencies shared information on current and upcoming work.

On May 13, staff participated in the Moraga Orinda Fire Department Emergency Preparedness event held in Orinda. Staff provided information on trails, EBMUD watershed and fire programs, and emergency preparedness handouts. Approximately 500 people attended.

On May 15, staff presented at the Castro Valley Municipal Advisory Council meeting. The presentation highlighted the Fiscal Years 2024/2025 budget and rates and the Customer Assistance Program. Approximately 40 people attended.

On May 16, staff attended the Contra Costa County Board of Supervisors meeting in Martinez. The District was presented with a resolution by the County of Contra Costa commemorating the District's 100th Anniversary. Supervisor John Gioia, a former EBMUD Board member, spoke about his experience at the District and praised the District's impressive history. Approximately 50 people attended.

On May 17, staff met with the City of Pinole to coordinate construction activities. The two agencies shared information on current and upcoming work.

On May 17, staff presented at the Water Environment Association Residuals and Biosolids Specialty Conference in Charlotte, North Carolina. The presentation highlighted best practices for successfully managing biosolids land application programs to comply with all state and federal regulations. Approximately 540 people attended.

On May 20, the District hosted the Lafayette Rotary Club's 28th Annual "Concert at the Res" at Lafayette Reservoir. Approximately 300 people attended.

On May 20, the District hosted a volunteer workday event at the Wildermuth House south of Pardee Reservoir. Volunteers performed landscape maintenance on the historic Wildermuth House heritage garden. Approximately five people attended.

On May 22, staff met with Phillips 66 Refinery to continue discussions about the draft agreement for Phillips 66 to relocate the District's Crockett Aqueduct Pipelines. The pipelines are located on District property traversing the Phillips 66 Refinery in Rodeo. Phillips 66 had questions on the draft relocation agreement regarding soil contamination and criteria for required soil remediation, easement versus in fee ownership for the proposed new alignment, and consideration for value of the new pipeline versus existing pipeline. Staff provided initial responses but will continue to meet and coordinate with Phillips 66 to finalize the relocation agreement.

On May 23, staff presented at the Jack London Neighborhood Council meeting in Oakland. The presentation highlighted the Fiscal Years 2024/2025 budget and rates and the Customer Assistance Program. Approximately 20 people attended.

On May 25, staff presented at the Lafayette Rotary meeting in Lafayette. The presentation highlighted the Fiscal Years 2024/2025 budget and rates and the Customer Assistance Program. Approximately 40 people attended.

On May 25, staff met with the City of Albany to coordinate construction activities. The two agencies shared information on current and upcoming work.

Media. To promote the District’s centennial, the following press releases/advisories were issued:

May 2	Summary of upcoming centennial events
May 3	Drakes Brewing Company partnership
May 11	Community fair
May 15	Time capsule
May 19	Partnerships with Oaklandish, Drakes Brewing Company, BART
May 22	EBMUD’s 100 years of service to the community

Stories focused on EBMUD's centennial celebration and related activities received lots of coverage, including mentions about EBMUD’s 100th Birthday and Community Fair (KTVU, CBS News Bay Area, ABC 7, KCBS, East Bay Express, East Bay Times, 510 families.com, funcheapsf.com); the time capsule event (KTVU, CBS News Bay Area, KRON 4, Alameda Post, The San Jose Mercury News); and EBMUD/Drake’s Brewing Co. Water Wings beer collaboration (KTVU, KNTV, NBC Bay Area, East Bay Times, Richmond Standard, Yahoo news).

On May 22, staff hosted a time capsule burial event for the media and special guests to commemorate 100 years of water service. Presenters included General Manager Clifford Chan, Board President Andy Katz, Alameda County Supervisor Lena Tam, Contra Costa County Supervisor John Goia, and Oakland Deputy Mayor Dr. Kimberly Mayfield. EBMUD Directors John Coleman and William Patterson were also in attendance. Special guests included representatives from the Port of Oakland, Bay Area Rapid Transit, Richmond Community Foundation, John Muir Land Trust, Oakland Chinatown and Oakland African American Chambers of Commerce, Pardee Home Museum, Outdoor Afro, and others. The event featured a ceremonial flag raising, speeches, and the time capsule burial. Crews from Adeline Maintenance Center installed a new flagpole at the corner of 21st and Adeline streets where the time capsule is buried. The time capsule is to remain buried for another 100 years. This event garnered coverage from Alameda Post, East Bay Times/Mercury News, KPIX-5, ABC7-KGO, KTVU Fox2, KRON 4, and World Journal.

Additional media mentions included the annual NorCal Trout Fishing Challenge at Lake Pardee (Recordnet.com) and the City of Livermore joining EBMUD and other water agencies that recently ended their drought emergencies (Patch, MSN.com). Other stories focused on continued traffic detours (Alameda Post); EBMUD’s wastewater system and consent decree (Berkeleyside); and a kayaker who spotted a sewage leak flowing into SF Bay (Berkeleyside). EBMUD was also mentioned in a story about an African-American community battling pollution in their Bay Area neighborhood (The Washington Post).

May press release included the General Manager’s recommendations for budget and rates (May 9). The SF Chronicle ran a story on Bay Area water agencies’ proposed rate increases, and proposed rate hikes were highlighted in a broadcast news segment (ABC 7).

Social Media:

Social Platform	Popular Topic	Impression Generation	# Followers	Change Over Last Month
Twitter	Community fair	1,709	3,958	-3
Facebook	Pardee Dam construction	1,900	1,910	33
LinkedIn	Call for artists	955	8,798	66
Instagram	Community fair	51,700	279	279
Nextdoor	Community fair transit map	14,932		

Staff conducted public outreach to neighbors and interested parties on the following projects:

- Happy Valley Pipeline Phase II (Orinda)
- Lafayette Reservoir Tower Seismic Retrofit Project (Lafayette)
- Orinda Water Treatment Plant Disinfection Improvements Project (Orinda)
- Pump Station M (Alameda)
- Scenic East Reservoir Improvement Project (Danville)
- SD-452 North Interceptor Emergency Repair (Berkeley)
- Sobrante Water Treatment Plant Improvement Project (El Sobrante)

Contract Equity

May 24, staff participated in the Associated General Contractors’ Small Business Expo in Richmond. Staff provided information on doing business with the District and upcoming contract opportunities. Approximately 500 people attended.

Contract Equity staff participated in the following customer events and outreach activities:

- May 10 – Women’s Business Enterprise Council Pacific Industry Day Event – Health Care Meeting – 31 attendees
- May 11 – Western Regional Minority Supplier Development Council Annual Gala – 500 attendees
- May 18 - American Indian Chamber State Capitol Impact Day Business Impact Session– 10 attendees
- May 18 – Oakland Multi-Culture Chamber Annual Mixer – 150 attendees
- May 19 – Oakland Latino Chamber of Commerce Monthly Board Meeting – 13 attendees
- May 23 – Women’s Business Enterprise Council -Pacific – WE-Xcel Vendor Showcase– 47 attendees
- May 30 – American Indian Chamber Expo Planning Meeting (virtual) – 21 attendees

Water Conservation

On May 2, staff participated in San Lorenzo High School’s workshop on sheet mulching and lawn conversion benefits in San Lorenzo. Staff provided information on the District’s rebate opportunities. Approximately 10 people attended.

On May 4, staff presented at the Sons in Retirement meeting in San Ramon. The presentation highlighted drought updates, the District supply source, future water resilience plans, and conservation and rebate resources. Approximately 60 people attended.

WORKFORCE PLANNING AND DEVELOPMENT

On May 2, staff presented at the annual North American Society for Trenchless Technology (NASTT) No-Dig conference in Portland, Oregon. The presentation highlighted the recently installed pipeline crossing of the Oakland Inner Harbor. Approximately 60 people attended.

Staff participated in events/activities that support the District’s long-term efforts to develop a diverse pipeline of candidates for future workforce needs and expand collaborative relationships with local partner organizations:

- **May 4, staff participated in the Oakland Private Industry Council’s Job and Resource Fair.** Staff provided information on District careers, recruitments, and the application process, with an emphasis on the Meter Reader Mechanic recruitment. Approximately 250 people attended.
- **May 20, staff participated in the Hilltop Community Church’s Community Care – Career Fair in Richmond.** Staff provided information on District careers, upcoming internships, as well as the recruitment and application process. Approximately 75 people attended.
- **May 25, staff participated virtually in California’s Institute for Local Government’s Civic Engagement & Gen Z, How to Meaningfully Engage Youth in Local Government event.** Staff provided information on the District’s internship opportunities. Approximately 290 people attended.

Tuition Reimbursement

	May 2023	FY 2023 Total
# of Employees	5	103
# of Classes	5	137
Total Reimbursed	\$4,924.06	\$99,486.65

Employment Information

	May 2023	FY 2023 Total
Retirements – Regular	12	76
Retirements – Vested	1	15
Hires/Rehires	15	197
Other Separations	5	85

FINANCIAL STABILITY

In May, the District submitted the close out documents required for the final reimbursement of the California Natural Resource Agency’s Proposition 68 Healthy Rivers and Watershed Initiative Grant awarded in 2021. The grant awarded \$450,000 for spawning gravel enhancement and floodplain restoration on the Lower Mokelumne River in 2022 and 2023.

The construction contract with Sierra Mountain Construction, Inc. for the Briones Outlet Tower Seismic Upgrade Project requires an increase in the change order contingency. Costs increased due to delays in starting the work because the tower was needed during drought operations, delays for an emergency return-to-service during the winter storms, work acceleration to meet a revised outage window and design changes to the ring beam and debris catcher. It is estimated the change order contingency will need to be raised to \$2,826,000 or 30% of the original contract amount of \$9,420,000.

The construction contract with Mountain Cascade, Inc. for the San Pablo Reservoir Hypolimnetic Oxygenation System Project requires an increase in the change order contingency. Costs increased due to differing site conditions found on the reservoir bottom, changes to the Liquid Oxygen facility for improved efficiency, security, and system operation. It is estimated the change order contingency will need to be raised to \$1,388,571 or 16% of the original contract amount of \$8,678,567.

The estimated earned revenue from the Main Wastewater Treatment Plant Power Generation Station’s surplus power sales for May is \$53,304. The District sold renewable power and related Renewable Energy Credits (RECs) to the Port of Oakland. The sale of RECs generated \$20,304 from the Port of Oakland. Earned revenue for FY 2023 is estimated at \$539,954 or 108 percent of the total FY 2023 budget of \$500,000.

The estimated earned revenue from Mokelumne power sales for May is \$600,000. The District sold renewable power and related Renewable Energy Credits (RECs) to Marin Clean Energy (MCE). Sales of RECs generated \$174,000 from MCE. Resource Adequacy (RA) capacity sales to East Bay Community Energy (EBCE) earned \$55,900. Earned revenue to date through May is estimated at \$19,460,000 or 389 percent of the FY 2023 budgeted \$5.0 million. Forecasted revenue for FY 2023 is \$20.2 million.

As of May 31, 2023, the District received benefit payments from the Low-Income Household Water Assistance Program (LIHWAP) for \$723,551.10 for Alameda County customers and \$117,809.91 for Contra Costa County customers. LIHWAP benefit payments are processed through designated local service provider for each county. The total amount received to date is \$841,361.01 and additional payments are expected as the state continues to rollout the program. As discussed during the 2023 Customer Assistance Program (CAP) Workshop, the District will begin its process to auto-enroll LIHWAP benefit recipients in CAP for those households that are not currently participating in the District’s program.

Low-Income Household Water Assistance Program as of May 31, 2023		
County	Total Payment Amount	Total Count
Alameda County	\$723,551.10	708
Contra Costa County	\$117,809.91	153
Grand Total	\$841,361.01	861

Low-Income Household Water Assistance Program July 2022 - May 2023												
Month	July 2022		August 2022		September 2022		October 2022		November 2022		December 2022	
County	Accounts	Payment Received	Accounts	Payment Received	Accounts	Payment Received	Accounts	Payment Received	Accounts	Payment Received	Accounts	Payment Received
Alameda	17	\$14,105.43	78	\$70,570.04	92	\$85,690.99	78	\$67,563.45	49	\$48,161.64	81	\$87,880.54
Contra Costa	0	\$0.00	10	\$5,707.69	12	\$6,295.35	10	\$7,408.44	13	\$8,318.57	14	\$15,972.87
Totals	17	\$14,105.43	88	\$76,277.73	104	\$91,986.34	88	\$74,971.89	62	\$56,480.21	95	\$103,853.41
Month	January 2023		February 2023		March 2023		April 2023		May 2023		Total to Date	
County	Accounts	Payment Received	Accounts	Payment Received	Accounts	Payment Received	Accounts	Payment Received	Accounts	Payment Received	Accounts	Payment Received
Alameda	62	\$64,521.24	68	\$73,704.39	45	\$51,726.67	72	\$77,037.41	66	\$82,589.30	708	\$723,551.10
Contra Costa	26	\$21,385.89	18	\$11,357.19	16	\$11,931.92	17	\$11,661.52	17	\$17,770.47	153	\$117,809.91
Totals	88	\$85,907.13	86	\$85,061.58	61	\$63,658.59	89	\$88,698.93	83	\$100,359.77	861	\$841,361.01

There were no material, supply, or construction contracts from \$80,001 to \$100,000 and three general and professional service agreements from \$30,001 up to \$80,000 approved by the General Manager in May 2023.

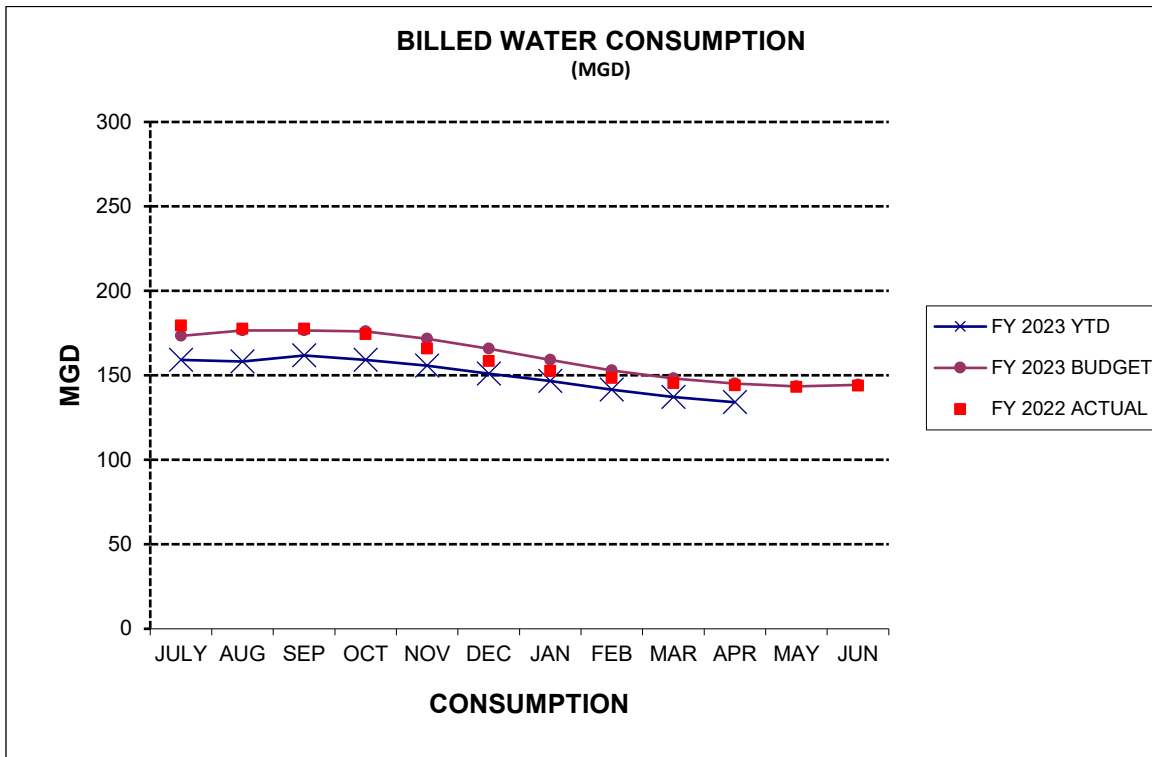
VENDOR NAME	DATE AWARDED	CEP STATUS	ITEM (S) PURCHASED	PROJECT	CONTRACT TERM	VALUE
Columbia Electric, Inc.	5/1/2023	White Female	Traffic loop installation services, on an as-needed basis	N/A	Two years	\$80,000
Tennyson Electric, Inc.		White Male				
St. Francis Electric, LLC		White Male				
Comprehensive Construction Services	5/5/2023	White Male	Services to renovate the Pardee Center Administration Building	N/A	N/A	\$54,896
United Rentals (North America), Inc.	5/31/2023	White Male	Temporary rental of diesel tank for the standby generator at the Sobrante Water Treatment Plant	N/A	N/A	\$50,000

Water Sales (Consumption)

The following consumption information is the average water consumption in millions of gallons per day (MGD) for the first ten months of FY 2023. Budgeted average daily water consumption for FY 2023 is 145.8 MGD, and summer month consumption is generally higher due to outdoor watering. The table below shows the average billed water consumption information by customer class with a comparison to FY 2022 data for the same period of time.

On April 26, 2022 the Board declared a water shortage emergency and Stage 2 drought. Resolution No. 35287-22 establishes a District-wide mandatory water use reduction goal of 10 percent from calendar year 2020 consumption which results in a goal of 136 MGD. On April 25, 2023 the District moved to Stage 0 with no water use reduction goals (Resolution No. 35345-23).

Fiscal Year-to-Date Billed Water Consumption			
Usage Type	FY23 (MGD)	FY22 (MGD)	Year-over-Year (% change)
Residential	66.1	72.2	-8.4%
Commercial	44.0	46.1	-4.6%
Industrial	18.0	19.1	-5.8%
Public Authority	6.0	6.6	-9.1%
Total Billed Water Consumption	134.1	144.0	-6.9%

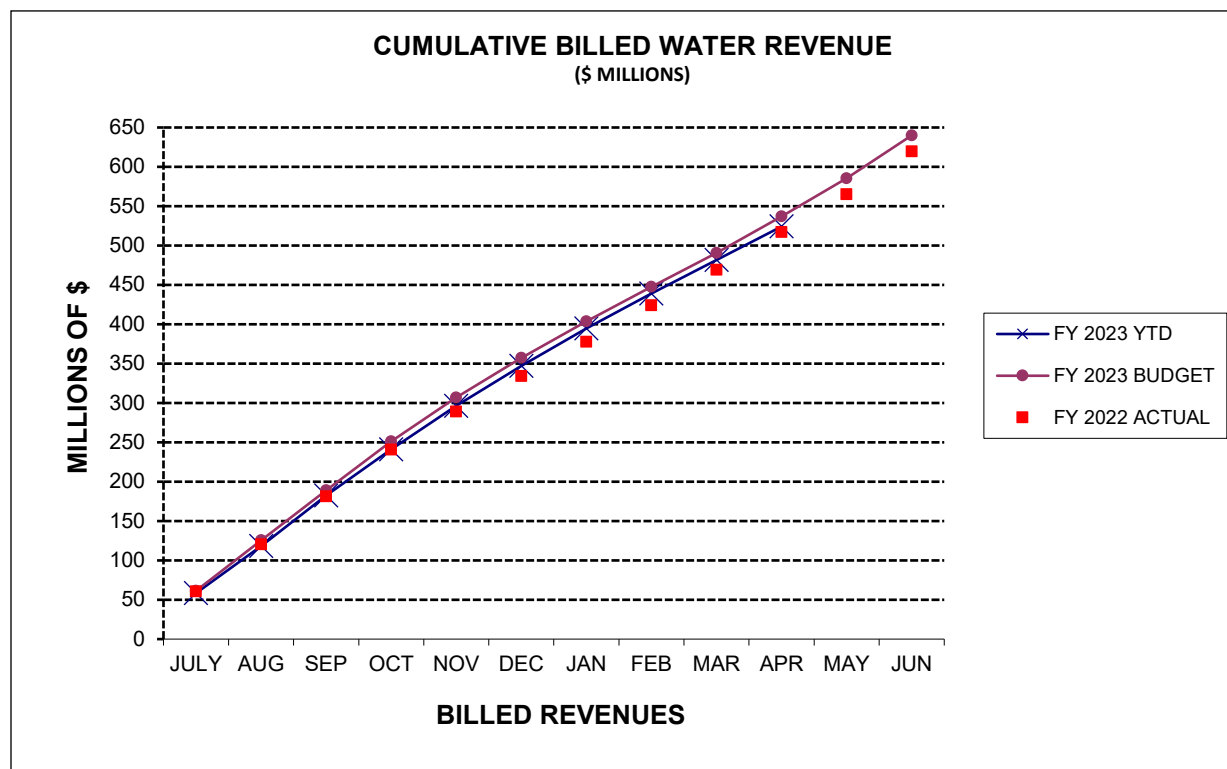


Source: Customer Information System

Water Sales (Revenue)

Water revenues billed through April were \$524.2 million or 1.4% more than the FY 2022 revenue through April of \$517.0 million. (FY 2022 revenue excludes approximately \$13.8 million collected in July 2021 resulting from a backbill to the Chevron Richmond Refinery where two meters were found to be under-registering.) This increase reflects lower April 2023 water sales, partially offset by the 4.0% FY 2023 rate increase, a Stage 2 Drought Surcharge of 8.0% on Water Flow Charges, and drought excessive use penalties billed through April 2023. Total FY 2023 water revenues through April are \$12.7 million, or 2.4%, less than the budgeted water revenue of \$536.9 million.

Through April 2023, \$20.2 million of the total water sales revenue is from drought surcharges. Drought expenses through April are \$21.8 million. Drought excessive use penalties of \$170,358 have accrued through April. Drought expenses do not include the portion of normal operating costs that are no longer recovered through water sales due to conservation.



Source: Customer Information System

MAY 2023 MAIN BREAK REPAIRS										
City	Pre	Street	Suf	Pipe Material	Pipe Diameter	Year Installed	Est Water Loss (Gal)	Identified On	Completed On	KPI Met?
ALAMEDA		MARINA	DR	ASBESTOS CEMENT	8	1940	2,700	4/30/2023	5/1/2023	Y
ALAMEDA		VERDI	ST	ASBESTOS CEMENT	6	1957	7,200	5/9/2023	5/9/2023	Y
BERKELEY		7TH	ST	CAST IRON	6	1927	7,200	5/26/2023	5/26/2023	Y
BERKELEY		9TH	ST	ASBESTOS CEMENT	8	1953	0	4/24/2023	5/12/2023	Y
BERKELEY		ADDISON	ST	CAST IRON	6	1929	45,000	5/18/2023	5/18/2023	Y
BERKELEY		BENVENUE	AVE	CAST IRON	6	1933	9,000	5/6/2023	5/6/2023	Y
BERKELEY		CYCLOTRON	RD	WROUGHT IRON	16	1923	46,080	5/2/2023	5/17/2023	Y
BERKELEY		FAIRVIEW	ST	CAST IRON	6	1952	0	4/25/2023	5/9/2023	Y
BERKELEY		GRANT	ST	CAST IRON	12	1933	90,000	5/3/2023	5/3/2023	Y
BERKELEY		PARKER	ST	ASBESTOS CEMENT	6	1957	0	4/20/2023	5/3/2023	Y
BERKELEY		VISTAMONT	AVE	CAST IRON	6	1948	5,760	5/2/2023	5/5/2023	Y
BERKELEY		WARD	ST	ASBESTOS CEMENT	6	1961	0	5/10/2023	5/25/2023	Y
CASTRO VALLEY		HUBER	DR	CAST IRON	2	1931	30,240	5/19/2023	5/25/2023	Y
EL CERRITO		CLAYTON	AVE	CAST IRON	6	1945	630	5/18/2023	5/19/2023	Y
EL CERRITO		ELM	ST	CAST IRON	6	1949	0	5/9/2023	5/15/2023	Y
EL CERRITO		ELM	ST	CAST IRON	6	1948	0	5/17/2023	5/18/2023	Y
EL CERRITO		LIBERTY	ST	CAST IRON	6	1925	8,640	5/10/2023	5/15/2023	Y
EL CERRITO		VILLAGE	DR	ASBESTOS CEMENT	6	1948	90,000	5/5/2023	5/6/2023	Y
HAYWARD		BAYVIEW	AVE	CAST IRON	10	1945	10,080	5/9/2023	5/15/2023	Y
HAYWARD		FAIRVIEW	AVE	CAST IRON	4	1933	331,200	3/18/2023	5/2/2023	N
LAFAYETTE		HAPPY VALLEY	RD	CAST IRON	6	1952	2,880	5/25/2023	5/26/2023	Y
LAFAYETTE		LAS TRAMPAS	RD	ASBESTOS CEMENT	6	1962	900	5/13/2023	5/13/2023	Y
LAFAYETTE		PLEASANT HILL	RD	CAST IRON	6	1951	0	4/27/2023	5/1/2023	Y
MORAGA		CORTE ANNETTE		STEEL	6	1968	0	4/27/2023	5/9/2023	Y
OAKLAND		16TH	AVE	CAST IRON	6	1941	3,600	5/20/2023	5/20/2023	Y
OAKLAND		33RD	AVE	WROUGHT IRON	2	1916	50,400	5/17/2023	5/23/2023	Y
OAKLAND		44TH	ST	CAST IRON	6	1934	17,280	5/14/2023	5/17/2023	Y
OAKLAND		73RD	AVE	CAST IRON	6	1925	0	2/28/2023	5/24/2023	N
OAKLAND		106TH	AVE	CAST IRON	6	1924	30,240	4/26/2023	5/2/2023	Y

**KPI = turn around time to repair the leak*

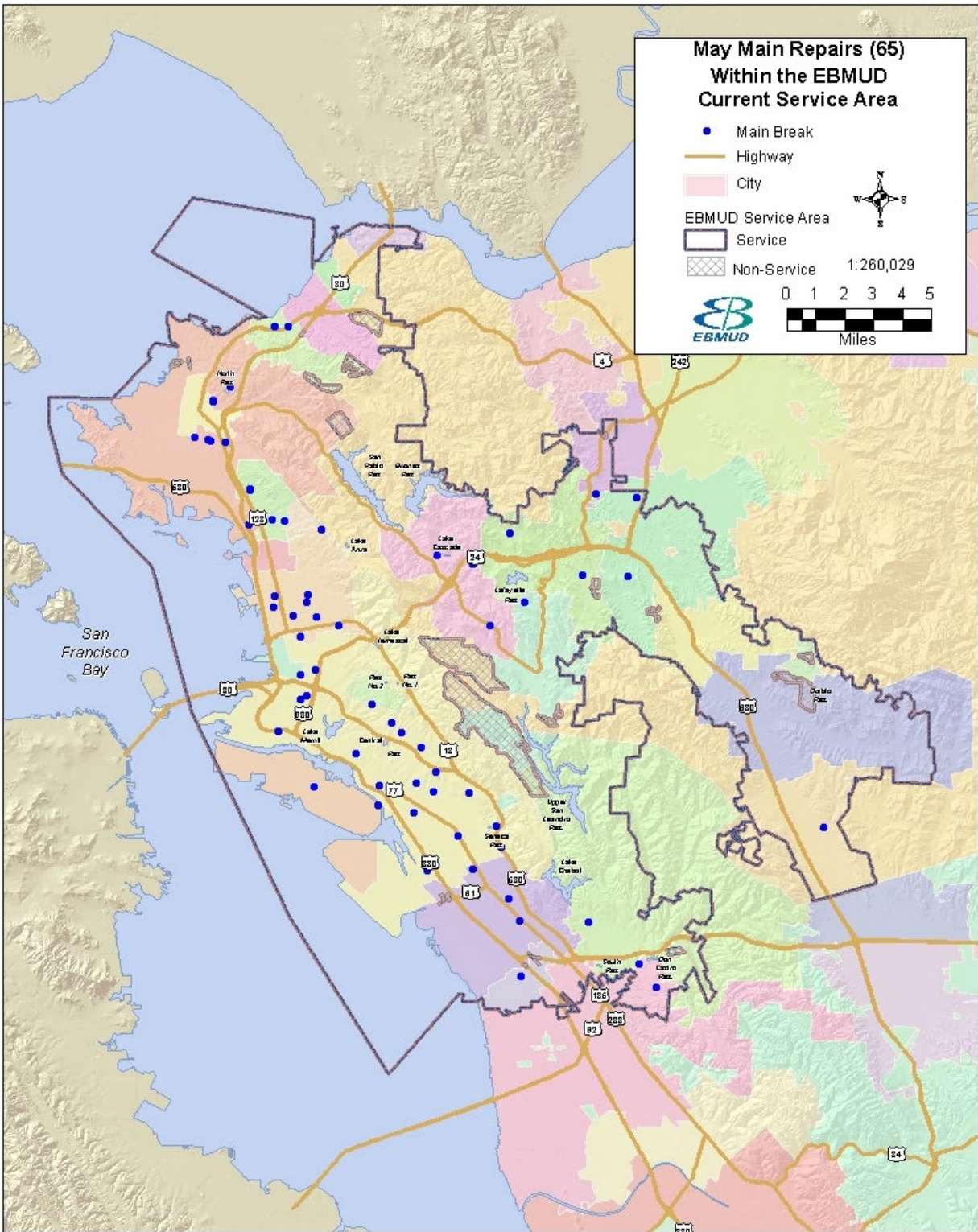
MAY 2023 MAIN BREAK REPAIRS										
City	Pre	Street	Suf	Pipe Material	Pipe Diameter	Year Installed	Est Water Loss (Gal)	Identified On	Completed On	KPI Met?
OAKLAND		ALCALA	AVE	CAST IRON	6	1931	1,800	5/9/2023	5/9/2023	Y
OAKLAND		CONGRESS	AVE	CAST IRON	4	1922	1,440	5/26/2023	5/26/2023	Y
OAKLAND		DAMUTH	ST	CAST IRON	6	1936	5,760	5/25/2023	5/26/2023	Y
OAKLAND		INTERNATIONAL	BL	CAST IRON	8	1950	21,600	4/18/2023	5/2/2023	Y
OAKLAND		MARKET	ST	CAST IRON	8	1894	18,000	5/20/2023	5/20/2023	Y
OAKLAND		MASON	ST	ASBESTOS CEMENT	6	1950	0	4/28/2023	5/11/2023	Y
OAKLAND		MIDVALE	AVE	CAST IRON	4	1939	57,600	4/24/2023	5/1/2023	Y
OAKLAND		MORCOM	PL	CAST IRON	2	1927	10,080	5/8/2023	5/8/2023	Y
OAKLAND		SEMINARY	AVE	CAST IRON	6	1928	1,350	5/31/2023	5/31/2023	Y
OAKLAND		TOWNSEND	AVE	CAST IRON	6	1938	17,280	5/18/2023	5/23/2023	Y
OAKLAND		TUNIS	RD	CAST IRON	4	1943	27,360	4/20/2023	5/8/2023	Y
OAKLAND		UNION	ST	STEEL	8	1963	90,000	5/18/2023	5/18/2023	Y
OAKLAND		WEST	ST	CAST IRON	6	1936	7,200	5/1/2023	5/5/2023	Y
OAKLAND		YERBA BUENA	AVE	CAST IRON	4	1932	1,350	5/23/2023	5/23/2023	Y
ORINDA		BATES	BL	ASBESTOS CEMENT	8	1957	12,960	5/22/2023	5/30/2023	Y
ORINDA		CAMINO SOBRANTE		CAST IRON	8	1934	0	5/22/2023	5/25/2023	Y
ORINDA		VALLEY VIEW	DR	CAST IRON	6	1938	0	5/17/2023	5/22/2023	Y
PIEDMONT		PARK	LN	CAST IRON	2	1932	0	5/17/2023	5/24/2023	Y
PINOLE		FERNANDEZ	AVE	ASBESTOS CEMENT	4	1959	17,280	5/1/2023	5/4/2023	Y
PINOLE		PRIMROSE	TER	ASBESTOS CEMENT	6	1979	0	4/27/2023	5/2/2023	Y
RICHMOND	S	2ND	ST	ASBESTOS CEMENT	8	1976	1,350	5/28/2023	5/29/2023	Y
RICHMOND		ANDRADE	AVE	CAST IRON	6	1941	25,920	5/19/2023	5/24/2023	Y
RICHMOND		DUNN	AVE	CAST IRON	6	1956	28,800	5/22/2023	5/25/2023	Y
RICHMOND		GREENWOOD	CT	CAST IRON	2	1943	4,500	5/8/2023	5/8/2023	Y
RICHMOND		GREENWOOD	DR	CAST IRON	6	1943	450	5/2/2023	5/2/2023	Y
RICHMOND		GROOM	DR	ASBESTOS CEMENT	12	1955	90,000	5/10/2023	5/10/2023	Y
RICHMOND		LASSEN	ST	CAST IRON	4	1938	7,200	5/1/2023	5/5/2023	Y
RICHMOND		MCBRYDE	AVE	CAST IRON	6	1954	7,200	5/20/2023	5/24/2023	Y
RICHMOND		PANAMA	AVE	ASBESTOS CEMENT	6	1936	45,000	5/1/2023	5/2/2023	Y

**KPI = turn around time to repair the leak*

MAY 2023 MAIN BREAK REPAIRS										
City	Pre	Street	Suf	Pipe Material	Pipe Diameter	Year Installed	Est Water Loss (Gal)	Identified On	Completed On	KPI Met?
SAN LEANDRO	W	BROADMOOR	BL	CAST IRON	6	1926	21,600	4/29/2023	5/3/2023	Y
SAN LEANDRO		PANSY	ST	CAST IRON	6	1950	25,920	4/17/2023	5/4/2023	Y
SAN LEANDRO		TROMBAS	AVE	CAST IRON	6	1943	4,320	5/15/2023	5/15/2023	Y
SAN LORENZO		GRANT	AVE	CAST IRON	6	1945	31,680	4/25/2023	5/16/2023	Y
SAN RAMON		SUMMERFORD	CIR	NON METALLIC / PLASTIC	8	1986	23,040	5/10/2023	5/11/2023	Y
WALNUT CREEK		RIDER	CT	ASBESTOS CEMENT	4	1954	17,280	5/10/2023	5/15/2023	Y
WALNUT CREEK		VARTAN	CT	ASBESTOS CEMENT	6	1964	900	5/1/2023	5/1/2023	Y
							1,415,250			

Non-surfacing leaks discovered by leak detection technologies	1
Breaks caused by contractors or other agencies	3
Other main breaks	61
Total water main repairs	65

**KPI = turn around time to repair the leak*



Customer Account Delinquency Information							
MAY 2023							
(Data collection began September 1, 2017)							
CUSTOMER ASSIST. PROGRAM (CAP) ENROLLMENT	December²⁸	January 23²⁹	February 23³⁰	March 23³¹	April 23³²	May 23³³	Totals
New CAP Participants	157	148	173	185	175	69	11,574
CAP Renewals	176	182	237	282	236	97	11,891
CAP Departures	345	369	274	450	476	484	15,570
Total Active CAP Participants w/Active Accounts	8,818	8,805	8,833	8,723	8,698	8,687	
PAYMENT PLANS	December	January 23	February 23	March 23	April 23	May 23	Totals
Approved Payment Plans	1,716	1,937	1,490	1,864	1,648	2,048	207,229
Payment Plans Established After Service Interruptions	-	-	-	-	-	-	1,320
SERVICE INTERRUPTIONS - RESIDENTIAL	December	January 23	February 23	March 23	April 23	May 23	Totals
15-day Final Collection Notices	16,192	15,779	15,829	16,413	16,033	18,146	1,082,690
48-hr Service Interruptions Notices ³	10,600	9,129	10,587	11,043	10,906	12,418	630,580
Service Interruption Orders Created	*	*	*	*	*	*	82,689
Service Interruptions Completed (Actual)	*	*	*	*	*	*	22,712
CAP Enrolled Service Interruptions	*	*	*	*	*	*	802
WATER THEFT	December	January 23	February 23	March 23	April 23	May 23	Totals
No. of Incidents	2	-	8	2	6	14	447
No. of 2nd or 3rd Occurrences	-	-	-	-	-	-	41
No. Water Theft Penalties Issued	-	-	-	-	-	-	227
No. of Appeals Received	-	-	-	-	-	-	10
No. of 1st Appeals Approved	-	-	-	-	-	-	5
No. of 1st Appeals Denied	-	-	-	-	-	-	7
Multi-Family Liens¹	December	January 23	February 23	March 23	April 23	May 23	Totals
Liens Filed	51	-	-	-	113	237	5,635
Released	9	-	-	-	7	4	4,825
Transferred to Alameda Cty.	-	-	-	-	-	-	1,889
Transferred to Contra Costa Cty.	-	-	-	-	-	-	373
Total/Month	60	0	0	0	120	241	12,722
BAD DEBT - WRITE OFFS²	December	January 23	February 23	March 23	April 23	April 23	Totals
Total Referred to Collection Agency	\$ 216,893	\$ 256,451	\$ 333,644	\$ 436,979	\$ 442,105	TBD ³³	\$ 12,740,124
Write-Off % to Billed Revenue	0.37%	0.47%	0.65%	0.81%	TBD ³³	TBD ³³	

¹Liens filed monthly represent delinquent accounts 4-6 months in arrears.
²Information not available until the 20th of the month is normally one month behind, however due to summer schedule July and August to be updated in September 2020.
³48-hour notices were generated, but not mailed to customers since March 23, 2020. Customers are receiving payment reminders in-lieu of 48-hours notices.
²⁸CAP applications processed through December 16, 2022; As of January 2023, application numbers updated through December 31, 2023.
²⁹CAP applications processed through January 17, 2023; January 2023 collection agency and write-off revenue will update in February 2023 table.
³⁰CAP applications processed through February 17, 2023; February 2023 collection agency and write-off revenue for January and February 2023 will update in March 2023.
³¹CAP applications process through March 14, 2023; March 2023 collection agency and write-off revenue for March will update in April 2023.
³²CAP applications process through April 10, 2023; April 2023 collection agency and write-off revenue for February, March and April 2023 will update in May 2023.
³³CAP applications process through May 9, 2023; May 2023 collection agency and write-off revenue for April and May will be updated in June 2023.

*Notes: - Effective March 12, 2020, the District suspended "Disconnects Due to Non-Payment" (DNP) to residential customers, withheld mailing 48-hr notices to customers, and began restoring service to all customers shut-off as of January 2020. The DNP information will be omitted from this table until the District resumes DNP activities.

Water Theft Type/City	Alameda	Alamo	Albany	Berkeley	Castro Valley	Crockett	Danville	El Cerrito	El Sobrante	Emeryville	Hayward	Hercules	Lafayette
Meter	3	1	2	16	4	2	1	2	3	1	7	4	1
Illegal Connection	-	1	-	1	-	-	-	-	-	-	-	-	-
Hydrant	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	3	2	2	17	4	2	1	2	3	1	7	4	1

Water Theft Type/City	Oakland	Orinda	Piedmont	Pinole	Richmond	Rodeo	San Lorenzo	San Leandro	San Pablo	San Ramon	Walnut Creek	Totals since 9/1/2017
Meter	280	1	1	6	79	7	2	8	4	2	1	440
Illegal Connection	3	-	-	-	-	1	-	-	-	-	1	7
Hydrant	-	-	-	-	-	-	-	-	-	-	-	0
Total	283	1	1	6	79	8	2	8	4	2	2	447

This page is intentionally left blank.

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: June 8, 2023

MEMO TO: Board of Directors

THROUGH: Clifford C. Chan, General Manager *CCC*

FROM: Rischa S. Cole, Secretary of the District *RC*

SUBJECT: Finance/Administration Committee Minutes – May 23, 2023

Chair William B. Patterson called to order the Finance/Administration Committee meeting at 9:52 a.m. in the Administration Building Boardroom. Directors April Chan and John A. Coleman were present at roll call. Staff participants included General Manager Clifford C. Chan, General Counsel Derek T. McDonald, Director of Finance Sophia D. Skoda, Senior Civil Engineer Grace W. Su, Treasury Manager Robert L. Hannay, Principal Management Analyst Steven B. Goodman-Leibof, Customer Services Manager Max W. Low, and Secretary of the District Rischa S. Cole.

Public Comment. Addressing the Committee was Ivette Rivera who commented on the agenda title for the Annual Investment Policy Review item and hiring an outside consultant to review the policy.

Presentations/Documentation. 1) Presentation entitled, “Los Vaqueros Reservoir Project Funding” dated May 23, 2023; 2) Presentation entitled, “Annual Investment Policy Update” dated May 23, 2023; and 3) Presentation entitled, “Billing And Collection Services For Sewer Agency Charges” dated May 23, 2023.

Monthly Investment Transactions Report. Treasury Manager Robert L. Hannay reviewed the April 2023 report and highlighted the transactions that increased the portfolio from \$742.2 million to \$748.3 million. The board will consider approving the report at its meeting in the afternoon. In response to Board comments during the May 9, 2023 Board meetings, Mr. Hannay discussed potential impacts of U.S. debt ceiling discussions on EBMUD, the status of some District investments, and commented the District would not have direct exposure if the government did not act on the U.S. debt ceiling by the June 1, 2023 deadline. Director of Finance Sophia D. Skoda responded to questions regarding potential impacts if federal funding is delayed for District projects, impacts to vendors with government projects, and unemployment rates. It was moved by Director Coleman, seconded by Director Chan, and carried (3-0) by voice vote to accept the report.

Los Vaqueros Reservoir (LVR) Expansion Project Funding. Senior Civil Engineer Grace W. Su presented the report. The District, along with seven other member agencies is evaluating participation in the proposed expansion of LVR from 160 thousand acre-feet (TAF) to 275 TAF. The project would provide approximately 30 TAF of supplemental water supply to the District during droughts and emergencies. EBMUD’s estimated costs to participate in the project are approximately \$75 million to \$130 million, depending on grant funding. Ms. Su reviewed unit costs for various types of dry year supplemental water supply noting the comparisons are based on current cost information available and advised updated cost information is expected this summer. Based on the current cost information, water from the LVR project is more cost-effective or similar in cost to water transfers and San Joaquin County groundwater banking. Ongoing planning and design for the project are being

funded through a Multiparty Agreement (MPA) which has been amended four times and is set to expire in June 2023. The overall cost to date for the MPA is \$63.44 million and approximately \$19.074 million in additional funding is needed for the LVR Joint Powers Authority (JPA) and Contra Costa Water District (CCWD) to continue to provide preconstruction services prior to executing the project service agreement. The term for MPA No. 5 would be July 1, 2023 through June 30, 2024 and each of the seven member agencies would pay their share of the \$8.673 million in local funding costs. Ms. Su described how the additional funding from the amended MPA would be used; potential capital funding from state, federal and debt financing sources; and funding requirements. In 2022, the total capital costs of the project were estimated at approximately \$980 million with a new estimate expected by summer 2023. Member agencies may elect to self-fund its share of capital costs instead of receiving funding from a Water Infrastructure Finance and Innovation Act or interim loan. The JPA is developing a detailed plan of finance and is working to provide updated project cost estimates by summer 2023. Staff will provide updated EBMUD project unit cost estimates and present MPA No. 5 for EBMUD Board consideration at its meeting on August 8. Staff will also provide an additional update on project funding to the Finance/Administration Committee in fall 2023. Ms. Su responded to questions from the Committee regarding EBMUD's inquiries to the JPA and CCWD on the scope, budget, and in-kind costs in the MPA. It was moved by Director Coleman, seconded by Director Chan, and carried (3-0) by voice vote to accept the report.

Annual Investment Policy Review. Treasury Manager Robert L. Hannay discussed staff's process for reviewing District Policy 4.07 – Investment Policy for updates as well as the California Municipal Treasurers Association's (CMTA) annual review of the policy. He described the CMTA peer review process and its investment policy certification program; the entities that make up the CMTA; and confirmed the CMTA is a non-profit professional organization. Principal Management Analyst Steven B. Goodman-Leibof presented the proposed revisions to the policy. A new section was added stating the District will consider Environmental, Social, and Governance (ESG) factors in its investment process; an adjustment was made to the minimum rating requirements for Local Government Investment Pools with floating net asset values while retaining the minimum rating for stable net asset value funds; and two clarifications were made to address portfolio percentage limitations and to update a section to include the January 1, 2026 sunset date for the California legislation that enables governments to hold maturity securities backed by the U.S. government that yield zero or negative interest. The Board will be asked to consider approving the policy revisions at its meeting in the afternoon. In response to a question from the Committee, General Manager Clifford C. Chan confirmed the EBMUD Board would determine the District's continued participation in a JPA if the ESG factors of the JPA or other JPA member agencies conflict with the District's ESG factors. The Committee commented on the staff report title for future meeting agendas; and requested additional information on the CMTA review process including clarification on resubmitting a policy for a second round of reviews if CMTA's initial review recommended updates or revisions. Staff confirmed future staff reports will include "revision" in the title if there are proposed updates to the policy. It was moved by Director Coleman, seconded by Director Chan, and carried (3-0) by voice vote to support the staff recommendation.

Sewer Agency Billing and Collection Services. Customer Services Manager Max W. Low provided the presentation. The District provides billing and collection services for the cities of Oakland, Emeryville, Berkeley, San Leandro, Oro Loma Sanitary District, and Dublin San Ramon Services District (Agencies). The agreements between the District and the Agencies for these services will

expire on June 30, 2023. Staff has negotiated new ten-year agreements with the Agencies to continue providing billing and collection services beginning on July 1, 2023. Mr. Low reviewed Fiscal Year (FY) 2023 EBMUD and sewer agency charges for residential and commercial accounts; benefits of providing billing and collection services for sewer agency fees; and FY 2022 sewer agency billing and collection data. In FY 2022, the District billed \$99 million for the Agencies and received \$2 million for providing billing and collection services. In addition to reimbursing the District for these services, the cities of Oakland, Berkeley, and Emeryville also provide a sewer collection credit on their agency charges billed to customers enrolled in the District's Customer Assistance Program (CAP). The credit is equivalent to the District's 35 percent CAP credit for its wastewater customers, except for Oakland. Oakland's credit is currently 28 percent and will increase to 35 percent on July 1, 2023. He highlighted some key terms of the new, proposed ten-year agreements and said the Board will be asked to consider approving the agreements at its meeting on June 13. In response to a question from the Committee, Mr. Low confirmed payments received for providing these billing and collection services are not tied to the District's budget. It was moved by Director Chan, seconded by Director Coleman, and carried (3-0) by voice vote to support the staff recommendation.

Adjournment. Chair Patterson adjourned the meeting at 10:54 a.m.

CCC/RSC

This page is intentionally left blank.