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Water Demand Committee Members:
Clyde Roberson, Chair
Amy Anderson
Karen Paull

Alternate:
George Riley

Staff Contact
Stephanie Locke,
Water Demand Manager

Joel G. Pablo,
Board Clerk

Agenda
Water Demand Committee
Of the Monterey Peninsula Water Management District

Thursday, March 3, 2022, 9:00 am, *Virtual Meeting*

As a precaution to protect public health and safety, and pursuant to provisions of AB 361, this meeting will be conducted via Zoom Video/Teleconference only.

Join the meeting at:
<https://us06web.zoom.us/j/88054426001?pwd=NnFjVnpoaUlZSzd1bWdkMjk2bFp4Zz09>

Or join at: <https://zoom.us/>
Webinar ID No.: 880 5442 6001
Webinar Password: 03032022

Participate by phone: (669) 900 - 9128

For detailed instructions on connecting to the Zoom meeting see page 2 of this agenda.

Call to Order / Roll Call

Comments from Public - *The public may comment on any item within the District's jurisdiction. Please limit your comments to three minutes in length.*

Action Items -- *Public comment will be received. Please limit your comments to three (3) minutes per item.*

1. Consider Adoption of Committee Meeting Minutes from January 13, 2022
2. Consider Limiting Graywater/Rainwater Credit for Toilet Flushing and Clothes Washing to Multi-Family Dwellings

Discussion Items – *Public comment will be received. Please limit your comments to three (3) minutes per item.*

3. Update on District's Water for Housing Initiative (*Verbal Report*)

Suggest Items to be Placed on Future Agendas

Adjournment

Upon request, MPWMD will make a reasonable effort to provide written agenda materials in appropriate alternative formats, or disability-related modification or accommodation, including auxiliary aids or services, to enable individuals with disabilities to participate in public meetings. MPWMD will also make a reasonable effort to provide translation services upon request. Submit requests by 5 pm on Monday, February 28, 2022 to: Joel G. Pablo via e-mail at joel@mpwmd.net or call 831- 658-5652 or to Sara Reyes via e-mail at sara@mpwmd.net or call 831-658-5610.

After staff reports have been distributed, if additional documents are produced by the District and provided to the Committee regarding any item on the agenda they will be made available on the District's website prior to the meeting. Documents distributed at the meeting will be made available upon request and posted to the District's website within five days following the meeting.

Instructions for Connecting to the Zoom Meeting

NOTE: If you have not used Zoom previously, when you begin connecting to the meeting you may be asked to download the app. If you do not have a computer, you can participate by phone.

Begin: Within 10 minutes of the meeting start time from your computer click on this link: <https://us06web.zoom.us/j/88054426001?pwd=NnFjVnpoaUIZSzd1bWdkMjk2bFp4Zz09> or paste the link into your browser.

DETERMINE WHICH DEVICE YOU WILL BE USING (PROCEED WITH ONE OF THE FOLLOWING INSTRUCTIONS)

USING A DESKTOP COMPUTER OR LAPTOP

1. In a web browser, type: <https://www.zoom.us>
2. Hit the enter key
3. At the top right-hand corner, click on “Join a Meeting”
4. Where it says “Meeting ID”, type in the Meeting ID# above and click “Join Meeting”
5. Your computer will begin downloading the Zoom application. Once downloaded, click “Run” and the application should automatically pop up on your computer. (If you are having trouble downloading, alternatively you can connect through a web browser – the same steps below will apply).
6. You will then be asked to input your name. It is imperative that you put in your first and last name, as participants and attendees should be able to easily identify who is communicating during the meeting.
7. From there, you will be asked to choose either ONE of two audio options: Phone Call or Computer Audio:

COMPUTER AUDIO

1. If you have built in computer audio settings or external video settings – please click “Test Speaker and Microphone”.
2. The client will first ask “Do you hear a ringtone?” •If no, please select “Join Audio by Phone”.
•If yes, proceed with the next question:
3. The client will then ask “Speak and pause, do you hear a replay?” •If no, please select “Join Audio by Phone”
•If yes, please proceed by clicking “Join with Computer Audio”

PHONE CALL

1. If you do not have built in computer audio settings or external video settings – please click “Phone Call”
2. Dial one of the numbers listed below using a phone. Select a phone number based on your current location for better overall call quality.

+1 669-900-9128 (San Jose, CA)

+1 253-215-8782 (Houston, TX)

+1 346-248-7799 (Chicago, IL)

+1 301-715-8592 (New York, NY)

+1 312-626-6799 (Seattle, WA)

+1 646-558-8656 (Maryland)

3. Once connected, it will ask you to enter the Webinar ID No. and press the pound key
4. It will then ask you to enter your participant ID number and press the pound key.
5. You are now connected to the meeting.

USING AN APPLE/ANDROID MOBILE DEVICE OR SMART PHONE

1. Download the Zoom application through the Apple Store or Google Play Store (the application is free).
2. Once download is complete, open the Zoom app.
3. Tap “Join a Meeting”
4. Enter the Meeting ID number
5. Enter your name. It is imperative that you put in your first and last name, as participants and attendees should be able to easily identify who is communicating during the meeting.
6. Tap “Join Meeting”

7. Tap "Join Audio" on the bottom left hand corner of your device
8. You may select either ONE of two options: "Call via Device Audio" or "Dial in"

DIAL IN

1. If you select "Dial in", you will be prompted to select a toll-free number to call into.
2. You may select any of the numbers listed below:

+1 669-900-9128 (San Jose, CA)	+1 253-215-8782 (Houston, TX)
+1 346-248-7799 (Chicago, IL)	+1 301-715-8592 (New York, NY)
+1 312-626-6799 (Seattle, WA)	+1 646-558-8656 (Maryland)

3. The phone will automatically dial the number, and input the Webinar Meeting ID No. and your Password.
4. Do not hang up the call, and return to the Zoom app
5. You are now connected to the meeting.

Presenting Public Comment

Receipt of Public Comment – the Chair will ask for comments from the public on all items. Limit your comment to 3 minutes.

- (a) Computer Audio Connection: Select the "raised hand" icon. When you are called on to speak, please identify yourself.
- (b) Phone audio connection **with** computer to view meeting: Select the "raised hand" icon. When you are called on to speak, push *6 to unmute and please identify yourself.
- (c) Phone audio connection only: Press *9. Wait for the clerk to unmute your phone and then identify yourself and provide your comment. Press *9 to end the call.

Submit Written Comments

If you are unable to participate via telephone or computer to present oral comments, you may also submit your comments by e-mailing them to comments@mpwmd.net with one of the following subject lines "PUBLIC COMMENT ITEM #" (insert the item number relevant to your comment) or "COMMENTS FROM THE PUBIC". Comments must be received by 8:00 a.m. on Thursday, March 3, 2022. Comments submitted **by 8:00 a.m.** will be provided to the committee members and compiled as part of the record of the meeting.

WATER DEMAND COMMITTEE

ITEM: ACTION ITEM

**1. CONSIDER ADOPTION OF COMMITTEE MEETING MINUTES FROM
JANUARY 13, 2022**

Meeting Date: March 3, 2022

**From: David J. Stoldt,
General Manager**

Prepared By: Joel G. Pablo

**CEQA Compliance: This action does not constitute a project as defined by the California
Environmental Quality Act Guidelines Section 15378.**

SUMMARY: Attached as **Exhibit 1-A** are draft minutes of the January 13, 2022 committee meeting.

RECOMMENDATION: The Committee should adopt the minutes by motion.

EXHIBIT

1-A Draft Minutes of the January 13, 2022 Committee Meeting



EXHIBIT 1-A

DRAFT MINUTES Water Demand Committee of the Monterey Peninsula Water Management District Thursday, January 13, 2022

Call to Order

The meeting was called to order at 10:02 a.m. by Chair Anderson. *Pursuant to AB 361, the meeting was conducted with virtual participation via Zoom.*

Committee members present: Amy Anderson, Chair
(By Roll-Call) Alvin Edwards
Clyde Roberson

Committee members absent: None

Staff members present: Stephanie Locke, Water Demand Manager
Joel G. Pablo, Board Clerk

District Counsel present: David Laredo with De Lay and Laredo

Comments from the Public: No comments were directed to the committee.

Action Items

1. Consider Adoption of Committee Meeting Minutes from December 2, 2021

Committee Member Anderson directed attention to the meeting schedule previously discussed on the December 2, 2021 meeting and asked staff to ensure the day of the week found on Staff Report Item No. 2 to be revised striking-out Monday and inserting Thursday.

Opened Public Comment Period; no comments were directed to the committee on Item No. 1.

A motion was made by Roberson with a second by Edwards to approve the committee meeting minutes from December 2, 2021. The motion passed on a roll-call vote of 3-Ayes (Anderson, Edwards and Roberson), 0-Noes, and 0-Absent.

Discussion Items

2. Update on District's Water for Housing Initiative

Stephanie Locke, Water Demand Manager provided a verbal status report, answered committee questions and reminded the committee that the Water for Housing Initiative remains a high priority of the District. Locke stated General Manager Stoldt met with: (a) CA State Senator Laird and a representative of the City of Monterey in October/November 2021 timeframe; (b) had further discussions with an Ad Hoc Housing Committee comprised of several City Council Members from various cities; and (c) the Monterey Bay Economic Partnership in Mid-November 2021. She mentioned Stoldt sent a draft template letter to Senator Laird for his review seeking

that the CA State Water Resources Control Board (SWRCB) conduct a workshop on housing issues and a final version of that letter would be sent from his District Office. Locke noted the District remains committed to finding other viable options and avenues to resolve the matter.

Opened Public Comment Period; no comments were directed to the committee on Item No. 2.

3. Discuss District's Submetering Condition Which Requires No Potential for Subdivision of a Property (Rules 23-A-1-I-(4) and (6))

Stephanie Locke, Water Demand Manager provided an overview of her staff report, answered committee questions, recommended adding language that the deed restriction recorded with the Water Permit to require immediate installation of a Water Meter upon subdivision of the property if the sub-metered unit is located in a new lot from the Water Distribution System Operator and to be completed within 120 days or something to that effect and sought committee direction. Locke and committee members discussed policies and policies being considered with city jurisdictions as it relates to the passage of Senate Bill 9, also known as the California Housing Opportunity and More Efficiency (HOME) Act passed into law in September 2021, and effective January 1, 2022 and discussed submetering conditions as proposed by staff. After much deliberation, Director Edwards recommended that staff call and convene a meeting of the Technical Advisory Committee to inform various City jurisdictions of staff's recommendation and seek their input on the matter.

Opened Public Comment Period; no comments were directed to the committee on Item No. 3.

4. Discuss Credit for Greywater Systems Used for Toilet Flushing and Clothes Washing in Single-Family Residential and Accessory Dwelling Units

Stephanie Locke, Water Demand Manager provided a historical overview of a Board Adopted Resolution passed in 2019 on Credits for Greywater Systems, her concerns which included, but are not limited to the ability of an Accessory Dwelling Unit to provide sufficient Greywater flows to meet the needs of toilets and clothes washing among, answered committee questions, and sought committee direction. Locke recommended and asked the committee to consider modifying the credit for Greywater Systems as it relates to the permitting process to a minimum of eight (8) units applicable to an apartment building verses a single-dwelling unit or an Accessory Dwelling Unit and provided her rationale. Committee Member Anderson, Edwards and Roberson via Consensus asked Locke to provide a staff report to review the matter further at a future meeting and to include this as a discussion item on the next Technical Advisory Committee.

Opened Public Comment Period; no comments were directed to the committee on Item No. 4

Suggest Items to be Placed on Future Agendas

- None

Adjournment

Chair Anderson adjourned the meeting at 10:39 a.m.

Joel G. Pablo, Board Clerk

Reviewed and Approved by the MPWMD Water Demand Committee on March __, 2022

Received by the MPWMD Board of Directors on March __, 2022

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that this should be done by adding a metered auto-fill valve to the Graywater storage tank. This concept is completely acceptable and supports staff's position that there must be no Potable water supply at the individual fixture(s) that are connected to the Graywater system. However, if the project involves retrofitting of an existing building, the former Potable plumbing must be permanently removed, requiring a plumbing permit and Water Permit to reconnect to the Potable supply.

- Monterey County Environmental Health Bureau must issue a permit for a Graywater treatment system. As part of their permit process, a backflow survey is required. The Graywater plumbing system must be entirely separate from the Potable system to avoid any potential cross-contamination of the Potable supply within the home(s). It makes sense to install a separate Graywater system during construction of a new building where a building inspector can easily oversee the installation. It does not make sense to replumb an entire existing home to accommodate a Graywater system, especially when it must involve permanent removal of plumbing to toilets and clothes washers to meet the District's definition of "Permanent Abandonment of Use."
- Cal-Am is requiring that a backflow preventer be installed on any property that has a Graywater system for flushing toilets or washing laundry. Backflow devices require periodic testing and maintenance and are registered with Cal-Am. Water customers must contract with a licensed professional to perform the required tests and make any necessary repairs.
- In keeping with the Board's action to allow a credit for a Graywater system, there must be meters on the inflow to the treatment system, outflow to the plumbing system, and a meter on the Cal-Am backup fill. The meters need to measure the amount of inflow into the treatment system, the amount of treated water outflow to the toilets/laundry, and the amount of Cal-Am makeup water that might be needed by the system. This information must be submitted to the District annually for a period of five years, which requires resources to contact the property owner and follow up.
- Regular use of Potable makeup water should result in revocation of the credit and a requirement to permit the water fixtures supplied by the Graywater system at full Capacity. The credit for fixtures supplied by a Graywater system is a 75% reduction in the fixture unit value. This condition will be included on the deed restriction that the District records on the property with the Water Permit approval.
- District staff is reliant on the Jurisdiction's Building Inspector to verify that the plumbing systems are separate and that there is no Potable plumbing to the fixtures for which credit is being given.
- Graywater systems require maintenance. There is a long-term property owner commitment associated with installation of a Graywater system. Graywater systems make sense in a Multi-Family Dwelling where management is committed to maintenance and operation of the system.

RECOMMENDATION: Staff recommends the Water Demand Committee support changing the Water Use Credit for Graywater systems to only be applicable to new Multi-Family Dwellings with at least six units. The Committee should also recommend that the Board continue to incentivize Graywater systems through the rebate program. If the Committee supports staff's recommendation, a Resolution to make the change will be presented at the March 2022 Board

meeting. If the Committee does not support staff's recommendation, it should consider restricting the credit to new construction only, with some direction on how the system's capacity should be calculated.

BACKGROUND: Rule 25.5 sets forth the process for obtaining a Water Use Credit for a Permanent Abandonment of Use. Water savings from mandatory conservation retrofits do not qualify for credit, other than a limited number of retrofits that are shown on [Table 4](#). Table 4 is periodically updated by Board Resolution. In July 2019, the Board added a credit for the use of Graywater for flushing toilets and washing laundry in Multi-Family Dwelling Units. In January 2020, the restriction to Multi-Family Dwelling Units was dropped, allowing Single-Family Dwelling Units to benefit from Graywater systems. To date, the District has not issued a Water Permit that utilizes this credit.

TABLE 4: HIGH EFFICIENCY APPLIANCE CREDITS

Appliance	Description	Water Use Credit in Fixture Units (FU)
High Efficiency Toilets	A toilet designed to have an average maximum flush of 1.3 gallons.	0.5 FU
Ultra High Efficiency Toilet	A toilet designed and manufactured to flush with a maximum of 0.8 gallon of water and that is labeled by the U.S. Environmental Protection Agency's WaterSense program.	1 FU
Instant-Access Hot Water System	A recirculating hot water system or other device(s) that results in hot water contact at every point of access throughout the Dwelling Unit within ten (10) seconds. Instant-Access Hot Water Systems shall be installed in each auxiliary building plumbed with hot water on a Single Family Residential Site. There shall be no Water Use Credit for installation of Instant-Access Hot Water Systems for New Structures.	0.5 FU
High Efficiency Dishwasher	A dishwasher designed to use a maximum of 5.8 gallons per cycle. A High Efficiency Dishwasher shall have Energy Star certification.	0.5 FU
High Efficiency Clothes Washer	A Clothes Washer with a Water Factor of 5.0 or less.	1 FU
Rainwater/Graywater Toilet Flushing System	A rainwater or Graywater recycling storage system used to flush toilet(s). System capacity shall meet 100% projected annual demand, plus three days.	75% of FU
Rainwater/Graywater Clothes Washing System	A rainwater or Graywater recycling storage system used to wash clothes. System capacity shall meet 100% projected annual demand, plus three days.	75% of FU

Table 4 amended by Resolution 2008-03 (2/28/2008); Resolution 2009-10 (7/20/2009); Ordinance No. 140 (11/16/2009); Resolution 2009-14 (12/14/2009); Ordinance No. 151 (11/19/2012); Ordinance No. 156 (11/18/2013); Resolution 2019-09 (7/15/2019); Resolution 2020-01 (1/23/2020)