

This meeting is not subject to Brown Act noticing requirements. The agenda is subject to change.



AGENDA
Water Supply Planning Committee
Of the Monterey Peninsula Water Management District

Wednesday, September 2, 2020, 4 pm, Virtual Meeting

Pursuant to Governor Newsom's Executive Orders N-29-20 and N-33-20, and to do all we can to help slow the spread of COVID-19 (coronavirus), meetings of the Monterey Peninsula Water Management District Board of Directors and committees will be conducted with virtual (electronic) participation only using WebEx.

Join the meeting at:

<https://mpwmd.webex.com/mpwmd/onstage/g.php?MTID=e1257989eb7098e751ff525e89fd996ae>

Or access the meeting at mpwmd.webex.com.

Event number: 126 129 6393

Meeting password: SeptWater

Participate by phone: 877-668-4493

For detailed instructions on connecting to the WebEx meeting see page 3 of this agenda.

Water Supply Planning Committee

Members:

*George Riley, Chair
Mary Adams
Molly Evans*

Alternate:

Alvin Edwards

Staff Contact

*David J. Stoldt,
General Manager*

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.

Call to Order

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 August 3, 2020 Committee Meeting Minutes

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

2. Potential for Cal-Am Table 13 Water Right (Permit 21330) to Resolve Need for ASR Parallel Pipeline
3. Update on Pure Water Monterey Project
4. Update on ASR Project

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 noon on Friday, July 31, 2020, to the Board Secretary, arlene@mpwmd.net or call 831-658-5652.

U:\staff\Board_Committees\WSP\2020\20200902\Sept-2-2020-WSP-Agenda.doc

See next page of agenda for instructions on connecting to WebEx meeting

Instructions for Connecting to the WebEx Meeting

Note: If you have not used WebEx 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://mpwmd.webex.com/mpwmd/onstage/g.php?MTID=e1257989eb7098e751ff525e89fd996ae> or paste the link into your browser, or go to: mpwmd.webex.com.

Under “Join a Meeting” enter the event number 126 129 6393, hit the enter key and when prompted enter the meeting password SeptWater, click “Next” and see the dropdown menu at the bottom of the screen “Use computer for audio” and select the method you will use to hear the meeting – see below.

1) Audio and video connection from computer with WebEx app – view participants/materials on your screen

Click on the “Use computer for audio” drop down list

Click “Join Meeting”

Once in the meeting, mute your microphone.

Turn your microphone on when it is your turn to speak.

2) View material on your computer screen and listen to audio on your phone

From the “Use computer for Audio” drop down list select “Call In”

Click on “Join Meeting” / You will see a toll-free telephone number, access code, and attendee ID # -- enter these numbers on your phone.

Mute the microphone on your computer.

Disable computer speakers using the Settings menu.

Join by phone only (no computer) dial 1-877-668-4493 and use the meeting number above.

Present 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: 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 "PUBLIC COMMENT – ORAL COMMUNICATIONS". Comments must be received by 12:00 p.m. on Wednesday, September 2, 2020. Comments submitted by noon will be provided to the Board of Directors and compiled as part of the record of the meeting.

WATER SUPPLY PLANNING COMMITTEE

ITEM: ACTION ITEM

1. CONSIDER ADOPTION OF AUGUST 3, 2020 COMMITTEE MEETING MINUTES

Meeting Date: September 2, 2020

From: David J. Stoldt,
General Manager

Prepared By: Arlene Tavani

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 August 3, 2020 committee meeting.

RECOMMENDATION: The Committee should adopt the minutes by motion.

EXHIBIT

1-A Draft Minutes of the August 3, 2020 Committee Meeting



EXHIBIT 1-A

DRAFT MINUTES
Water Supply Planning Committee of the
Monterey Peninsula Water Management District
August 3, 2020

Call to Order: The WebEx virtual meeting was called to order at 4:00 pm.

Committee members present: George Riley, Chair
Mary Adams
Molly Evans

Committee members absent: None

District Counsel present David Laredo, DeLay and Laredo

Staff members present: David J. Stoldt, General Manager
Jonathan Lear, Water Resources Division Manager
Thomas Christensen, Environmental Resources Div. Mgr.
Arlene Tavani, Executive Assistant

Comments from the Public:

Action Items

- 1. Consider Adoption of July 6, 2020 Committee Meeting Minutes**
On a motion by Evans and seconded by Adams, minutes of the July 6, 2020 meeting were approved with one amendment: list the names of committee members present as Riley, Evans and Adams. The motion was approved on a unanimous vote of 3 – 0 by Evans, Adams and Riley.

Discussion Items

- 2. Discussion Water Rights Permits 20808A, B, and C Strategy and Status**
General Manager Stoldt and Jonathan Lear responded to questions from the committee. There were no objections expressed to the strategy for working with the State Water Resources Control Board on licensing water rights Permits 20808A and 20208C and petitioning for an exemption of time to show beneficial use for permit 20208B. Counsel Laredo stated that it was important for the District to show due diligence in working to retain or modify the water rights. The SWRCB could revoke or reduce unutilized water rights. No public comment was presented on this item.
- 3. Update on Pure Water Monterey Project (PWM)**
Stoldt reported that efforts had been focused on commissioning of the well field and

going out to bid for work associated with development of a third deep well. Work was underway at two well sites to identify the optimal site for the new deep well. It was possible that a fourth deep well would be needed in order to achieve maximum production from PWM. Monterey One Water may be able to reopen the State Revolving Loan in order to fund construction of the well(s). The District informed California-American Water (Cal-Am) that the performance start date would be September 1, 2020. Cal-Am must file a Tier 2 letter to advise customers 30 days in advance that a purchase water surcharge would appear on their monthly billing statements. The District must purchase the water from M1 Water for \$2,442 per acre-foot and then sell it to California American Water for \$1720 per acre-foot. However, there is a true-up mechanism allowed by the CPUC, that could be implemented in the next fiscal-year. Stoldt stated that the 1,000 acre-feet reserve should be injected by August 31, 2020. No public comment was presented.

4. Update on Carmel River SGMA Discussion with State

Stoldt provided an overview of the issue that was outlined in the staff report. He explained that the District needed the State Water Resources Control Board to reaffirm that surface water in the Carmel Valley Aquifer was not regulated under the Sustainable Groundwater Management Act and no Groundwater Management Plan is required. No public comment was presented.

5. Update on ASR Project

Jon Lear reported that construction on the water treatment facility continued with installation of internal piping, tanks, chemical injectors, and doors. Cal-Am would complete installation of computer systems within the next two weeks. He estimated that approximately \$15 to \$16 million had been spent on the ASR project.

Information Item

6. Notification of Award – Proposition No. 1 IRWM Implementation Grant

Stoldt referred to the July 7, 2020 letter from the Department of Water Resources stating the District had been awarded a 2.3 million Proposition 1 IRWM Implementation Grant. The grant funds are to be used by the District and the stakeholder entities that comprise the planning region.

Suggest Items to be Placed on Future Agendas

(a) Report on the potential use of water rights permit No. 21330; (b) Provide clarification on how the proposed bypass pipeline would be utilized; and (c) Status on revisiting the District's arrangement with Monterey One Water regarding the PWM project.

Adjournment: The meeting was adjourned at 4:55 pm.

WATER SUPPLY PLANNING COMMITTEE

ITEM: DISCUSSION ITEM

2. POTENTIAL FOR CAL-AM TABLE 13 WATER RIGHT (PERMIT 21330) TO RESOLVE NEED FOR ASR PARALLEL PIPELINE

Meeting Date: September 2, 2020 **Budgeted:** N/A

From: David J. Stoldt **Program/
General Manager** **Line Item No.:** N/A

Prepared By: David J. Stoldt **Cost Estimate:** N/A

General Counsel Approval: N/A

Committee Recommendation: N/A

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

SUMMARY: At its July 31, 2020 Special Meeting the District Board considered “Adoption of Addendum to the District's Prior ASR Environmental Impact Report for Construction of a Bypass Pipeline to Allow Simultaneous Pure Water Monterey Recovery and ASR Injection”

On July 30, 2020 the Board received a letter from Marina Coast Water District (MCWD) that was included in the August 17, 2020 Board meeting agenda packet included, under “Supplemental Letter Packet”, which beginning on page 2, suggested that instead of the pipeline, the following strategy should be examined:

“In contrast to moving ahead on the costly Project, there is a simple cost-effective solution that should be explored prior to approving Addendum No. 6 and the Project. Cal Am owns Water Right Permit 21330 that allows Cal Am to divert 1,488 AFY of Carmel River water during the same December through May ASR period and with the same protective steelhead bypass flow conditions as the ASR permits. Unlike water under the ASR permits that first must be injected into the Seaside Basin and then extracted for direct use, Permit 21330 water may be used directly to serve Cal Am customers. However, the authorized place of use is limited to the Carmel River watershed, i.e., the Carmel Valley and about 50% of the City of Carmel. Permit water may not be delivered to the Forest Lake Tanks. Cal Am should petition the SWRCB to amend Permit 21330 to have the same authorized place of use as the ASR permits, i.e., within the boundaries of the entire MPWMD. The existing steelhead protective measures would remain unchanged, continuing to protect Carmel River resources.

Unlike the proposed Project that would deliver ASR water only via the limited capacity of the Segunda/Crest Pipeline, this alternative would deliver Carmel River water via Cal Am’s existing Carmel Valley pipeline system directly to the Forest Lake Tanks during the same December through May period. Besides saving the cost of building a new

bypass pipeline and dechlorination facility, Cal Am would also save the additional costs of (1) pumping the water over the hill via the Segunda/Crest Pipeline, (2) dechlorinating and injecting the water into the Seaside Basin, and (3) extracting and re-chlorinating the same quantity of PWM water from the Seaside Basin. If the Seaside Basin water is still needed then PWM, ASR or native groundwater could still be extracted and delivered to the Seaside-Old Monterey area and/or the Forest Lake Tanks.

Also, amending the Use of Permit 21330 provides greater flexibility in managing Carmel River water. For example, if sufficient water reserves are already stored in the Seaside Basin, Carmel River water could directly serve the south of Old Monterey service area during December through May, as is being done now. Any excess water not needed for direct use could continue to flow via the New Monterey Pipeline to the Seaside Basin for ASR injection. Amending and using Permit 21330 to serve all of the MPWMD area achieves the Bypass Project objectives without the need to construct new capital facilities.

Compared to this cost-effective solution, the proposed Project is subject to significant limitations on ASR Water Availability. Carmel River flows may only be diverted for ASR injection during December through May and only if river flows are in excess of the steelhead bypass flow requirements. There is no guarantee that any water will be available for ASR injection. For example, from CY 2010 through 2019 (10 years), ASR flows were only diverted 5 times during December and only 4 times during May. The Project proposes to use the Segunda/Crest Pipeline, which only has a capacity of 700 gpm (1.56 cfs or 3.09 AF per day). For the months of December and May, that means a maximum of 96 AF per month that ASR water could be delivered for injection under the Project, assuming that water will be diverted all 31 days of each month.”

District staff have examined this proposal and have made the following findings:

MCWD suggests changing the rate of diversion and place of use of the Table 13 Water Right would allow for higher annual consumption. Operationally to use Table 13 to serve a larger area of the Cal-Am distribution system in the winter months, Forest Lake and Segunda Tanks would be filled from the Carmel Valley sources and moved through the Segunda and Monterey Pipelines to serve demand in the Main System. In order to complete this operation, water needs to move from south to north in the General Jim Moore Pipeline. In the summer months, when PWM is being extracted, water will flow from north to south and fill the Forest Lake Tanks. This suggestion is a feasible way to operate the system if diversion rate and place of use were modified for the Table 13 Water Right. However, operating in that manner is not consistent with the testimony Cal-Am provided to the Public Utilities Commission in the 2017 General Rate Case.

Cal-Am testified that once the Cease and Desist Order was lifted, to best benefit the Carmel River, the production out of the valley in the months of June through November would be 1 MGD, which is the lowest flow required to maintain the Begonia Iron Removal Treatment Plant operating, and the remainder of the legal Water Rights would be pumped in the months of December through May. Additionally, operating with a changed Table 13 Water Right would cause a loss of flexibility utilizing the Peninsula’s water portfolio and would cause intensification of pumping on

the Carmel River in the summer months. Below are some items to consider related to modifying the Table 13 Water Right:

- Table 13 is consumed in the winter when Carmel River flows are above instream flow in the months of December through May. This is the same time period when Cal-Am is planning to produce their remaining legal Water Rights so that pumping can be reduced in the summer months;
- If Table 13 is produced instead of the legal rights in the winter it will shift the recovery of the legal rights into the summer months, which is counter to provided testimony and would intensify pumping during the summer months when the critical habitat is most sensitive to pumping;
- In order to produce 3,500 AF of PWM in WY 2021, production will need to begin April of 2021. Production of PWM requires flows in the General Jim Moore Pipeline be north to south in order to fill the Forest Lake Tanks from the ASR wells. ASR injection requires flows from south to north. Without the ability to move water in both directions in General Jim Moore, the ASR season would be cut short by two to two and a half months even if flow conditions are being met for the ASR permits;
- Table 13 Water Rights are used to produce water that will meet demand the same day as the water is produced, whereas ASR water can be stored and used when needed to meet demand in summer months and droughts. Therefore, changing the Table 13 Water Rights in lieu of constructing an additional pipeline will limit operational flexibility to protect the river by reducing the ability to build up a drought reserve and to store water from the winter to be used in the summer;
- Changes to the Table 13 Water Right would not be available in this upcoming water year because they require Cal-Am to file a Petition for Change to a Water Right and this is a 3 to 4-year process with the State Board;
- Filing a Petition for Change to Table 13 would open a protest period which would likely draw protests from environmental groups because the operational changes associated with the Water Right changes would limit ASR yields, thus reducing drought reserve and intensify pumping on the River in the summer months.

District staff will be prepared to discuss this at the meeting.

EXHIBIT

None