

Casitas Municipal Water District
WATER RESOURCES COMMITTEE
Baggerly/Spandrio

July 21, 2020 – 10:00 A.M.

This meeting will be held via teleconference
To attend the meeting please call
(888) 788-0099 or (877) 853-5247
Enter Meeting ID 634 789 006#

Agenda

1. Roll Call
2. Public Comments
3. Board Comments.
4. Manager Comments.
5. Review and discussion of the Draft Comprehensive Water Resources Plan.

Right to be heard: Members of the public have a right to address the Board directly on any item of interest to the public which is within the subject matter jurisdiction of the Board. The request to be heard should be made immediately before the Board's consideration of the item. No action shall be taken on any item not appearing on the agenda unless the action is otherwise authorized by subdivision (b) of ¶54954.2 of the Government Code.

If you require special accommodations for attendance at or participation in this meeting, please notify our office in advance (805) 649-2251, ext. 113. (Govt. Code Sections 65954.1 and 54954.2(a). Please be advised that members of the Board of Directors of Casitas who are not members of this standing committee may attend the committee meeting referred to above only in the capacity of observers, and may not otherwise take part in the meeting. (Govt. Code Section 54952.2(c)(6)

MEMORANDUM

TO: Water Resources Committee
From: Michael L. Flood, General Manager
RE: **Update and Discussion of the Comprehensive Water Resources Plan**
Date: July 21, 2020

RECOMMENDATION:

The Water Resources Committee continue consideration of public input to the Comprehensive Water Resources Plan for discussion with the Board of Directors.

BACKGROUND:

In January 2019, Stantec Inc. was awarded a contract in the amount of \$398,390.00 to develop the District's proposed Comprehensive Water Resources Plan (CWRP).

In March 2019, the Committee began consideration of the various aspects of the plan, and held 11 public meetings in the process of developing the draft plan.

The draft CWRP plan was presented to the Board of Directors at a Special Meeting on February 8, 2020.

The Board of Directors directed staff to release the draft plan for public review and comment at the June 24, 2020 Regular Meeting of the Board of Directors.

The comment period is currently open and will end on Monday, August 24, 2020.

DISCUSSION:

The Water Resources Committee worked almost exclusively on the plan since it first considered it in March of 2019.

The draft plan provides a strategic roadmap to ensure our community has a reliable water supply, and assesses current water supplies against forecasted demand through the year 2040. The draft plan and provides a recommended portfolio of projects to address anticipated water supply shortfalls caused by prolonged drought and climate change. More than 30 different projects and programs were evaluated – including a range of desalination, recycled water, improvements to existing facilities, conservation, groundwater and surface water enhancement projects and programs – using technical, economic, environmental, and social criteria.

The Board of Directors was provided a presentation of the key elements to the draft plan during the Special Board Meeting of February 8th and directed the Water Resources Committee to move forward the draft report including all of its appendices, and then release the report to the public for comment.

The comment period is scheduled to end on August 24, 2020 wherein staff will bring those comments back to the Water Resources Committee for consideration at the September 2020 Committee meeting, with recommendations on how to address all of the comments received.

1. Figure 4-10 on page 32 and Figure 3-3 of Appendix E, page 6, are in conflict.
 - >Figure 4-10 is incorrect. Needs to be re-done.
 - >Figure 3-4 of Appendix E, page 7, should be replicated in the main report.
 - >13000 AFY should not be used here. The established Safe Yield of 9190 AFY and Safe Demand of 10660 AFY should be used. (see p. 30, Appendix D)

2. Supplemental Water Option SWP 01, "Deliveries via City of Ventura State Water Project Interconnection and Casitas-Ventura State Water Project Interconnection".
 - >Title needs to be changed in Table 5-3, page 48 and on page 28 of Appendix A to "City of Ventura State Water Project Interconnection".
 - >"Brief Description" in Table 5-3, page 48 and "Project Description" on page 28 of Appendix A need to be brought in line with what is taking place at this time. Reference should be made to and description taken from the City of Ventura Staff Report dated April 29, 2020 and Exhibit A of Attachment B to the Staff Report, "Professional Services Agreement" with Stantec Consulting Services, Inc.
 - > City of Ventura Staff Report dated April 29, 2020 should be an Appendix to this plan
 - > The following section "***Simultaneously, Casitas has contracted with Kennedy Jenks for the Casitas-Ventura State Water Project Interconnection Preliminary Design for the infrastructure to convey water from West Ventura to Lake Casitas. The Casitas-Ventura State Water Project Interconnection project is dependent on the City of Ventura State Water Interconnection Project moving forward***" needs to be removed from the SWP 01 description on page 30 of Appendix A. The Casitas-Ventura State Water Project Interconnection is not required for SWP 01 to move forward to completion and should be identified separately as SWP 06, "Casitas-Ventura State Water Project Interconnection", which will be discussed later.
 - > The following section "***where Casitas will construct a 10 cfs pump station to distribute into the Casitas water system***" needs to be removed from the SWP 01 description in Table 5-3, page 48. The Casitas-Ventura State Water Project Interconnection is not required for SWP 01 to move forward to completion and should be identified separately as SWP 06, "Casitas-Ventura State Water Project Interconnection", which will be discussed later.
 - > The "Estimated Capacity" and "Estimated Average Annual Yield" in Table 5-3, page 48 need to have the caveat "***With implementation of SWP 06***".
 - > The "Estimated Capital Cost" in Table 5-3, page 48 needs to be changed to "***\$10M***" which is in accordance with the City of Ventura Staff Report dated April 29, 2020.
 - > The schedule for this option needs to be added to the schedule on page 67.

3. Supplemental Water Option SWP 02, "Calleguas Emergency Interconnection with Casitas"
 - > This option from page 30 of Appendix A needs to be added to Table 5-3 on page 48.
 - >Much of the verbiage from the Supplemental Water Option SWP 04 description on page 32 of Appendix A needs to be used here.

4. The description for Supplemental Water Option SWP 03 needs to be have the latest information added in Table 5-3 on page 48 and in Appendix A, page 31.

5. Supplemental Water Option SWP 04, "Casitas-Calleguas Interconnection"

>This option in Table 5-3, page 48 and on page 32 of Appendix A needs to be placed on hold **UNTIL** it can be certified that the design is compatible* with SWP 01 **AND** that the Calleguas Municipal Water District certifies that its need for emergency water can be met with this alignment.

*Referring to the City of Ventura Staff Report dated April 29, 2020 and Exhibit A of Attachment B, "Professional Services Agreement" with Stantec Consulting Services, Inc., the following areas are of concern:

>"**Calleguas will be taking the lead in the design of the pipeline from Santa Clara Avenue to the connection point to their system at Springville Reservoir.**" What will be the design of this pipe? SWP 04 requires this pipe to be 36" in diameter. Will Calleguas agree?

>" **Interconnection Pipeline: A pipeline, approximately 4 miles in length, with a diameter ranging from 24-inches to a maximum of 36-inches, extending between the connection to Calleguas' pipeline at Santa Clara Avenue and the City's distribution system in Henderson Road**". Stantec has the option to design this pipe between 24" and 36" in diameter. SWP 04 requires this pipe to be 36" in diameter. Will Stantec agree?

>"**Operating conditions for the various supply scenarios including supply being served from Calleguas to the City/Casitas, Calleguas to UWCD only, Calleguas to City/Casitas and UWCD, and from the City to Calleguas. A total of four scenarios are assumed for analysis**". Ventura will be expected to supply emergency water to Calleguas if needed. From where will that water come and at what quantity? Will it be adequate for Calleguas' ultimate emergency water requirement?

>"**Stantec will evaluate the feasibility of reducing the pipeline size under the Santa Clara river**". SWP 04 requires this pipe to be 36" in diameter. Will Stantec agree?

>It is believed that Ventura is currently upgrading their cross-town pipe from Henderson Road to West Ventura to be a constant 30" in diameter from the current condition of varying diameters up to 30". While there may be some error in this belief, it is assumed that they are not upgrading this pipe diameter to 36". SWP 04 requires this pipe to be 36" in diameter. (refer to Figure 5-10 on page 49 of the CWRP) Does SWP 04 plan to upgrade this line again or install a new one?

>The higher option of SWP 06 specifies a flow of 30 cfs. A complete system analysis and then consultation with Calleguas as to the adequacy of this flow to satisfy the Calleguas emergency water requirement needs to be conducted.

6. Supplemental Water Option SWP 05, "Supplemental or In-Lieu Water from Ventura".

>Change the title to "In-Lieu Water from Ventura" in Table 5-3 on page 48 and in Appendix A, page 33.

> Casitas has shared in the cost of the City of Ventura's State Water Project Interconnection (SWP 01) Alignment Study and Environmental Impact Report. This project would allow for in-lieu use of water by the City of Ventura, which reduces the water taken from Lake Casitas

>Delete discussion of "supplemental water" and move forward with an "In-Lieu Water Transfer Agreement" with the City of Ventura.

>Supplemental water can be discussed with implementation of SWP 06, "Casitas-Ventura State Water Project Interconnection".

7. New Supplemental Water Option SWP 06, "Casitas-Ventura State Water Project Interconnection"

>Add to Table 5-3, page 48 and Appendix A.

> Casitas has contracted with Kennedy Jenks for the Casitas-Ventura State Water Project Interconnection Preliminary Design for the infrastructure to convey water from West Ventura to Lake

Casitas and from Lake Casitas to West Ventura.

>This design will examine two possible flows in this connection, 10 cfs and 30 cfs, with associated preliminary cost estimates of \$25M and \$37M respectively.

>This connection will be needed if SWP 01 can supply adequate water to West Ventura

>This connection will be needed if SWP 02 is implemented. The 30 cfs flow may need to be re-evaluated as to whether or not it will satisfy the Calleguas Emergency Water requirement.

>This connection will be needed if SWP 04 is proven workable. The 30 cfs flow may need to be re-evaluated as to whether or not it will satisfy the Calleguas Emergency Water requirement.