



Notice of Meeting

STATE WATER SUBCONTRACTORS ADVISORY COMMITTEE

SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

Wednesday, November 18, 2020 – 9:00 to 10:00 AM

In accordance with the directives provided by Governor Newsom (Executive Order N-29-20), this meeting will be conducted as a phone-in and web-based meeting. Members of the public may participate via conference call and webinar.

Phone line: (646) 749-3122

Access Code: 359-511-221

Webinar: <https://global.gotomeeting.com/join/359511221>

Public comments can be submitted to: wthomson@co.slo.ca.us

For more information: <https://www.slocounty.ca.gov/Departments/Public-Works/Committees-Programs/State-Water-Project-and-Subcontractors-Advisory-Co.aspx>

Chair: Brad Hagemann (Avila Beach CSD)

Vice-Chair: Ben Fine (Pismo Beach)

AGENDA

- I. **Call to Order:** Roll Call & Quorum Count
- II. **Public Comment** *(For matters within the Committee's jurisdiction. May be limited to three minutes each.)*
- III. **Review of Last Meeting's Minutes**
 - A. Approve Minutes from Sep. 30, 2020
- IV. **Water Delivery Operations Report**
 - A. 2020 Delivery Update & Stored Water Projection
 - B. 2021 Delivery Request
- V. **Ongoing Updates**
 - A. Water supply contract extension amendment (No Update)
 - B. Delta Conveyance Project (DCP)
 - C. Water Management Contract Amendment
 - E. Committee Membership Appointments
- VI. **Committee Action Items**
 - A. Consider forming an ad-hoc sub-committee to participate in the Water Management Tools Study process
- VII. **Future Agenda Items**

Next Regular Meeting is tentatively set for Jan. 7, 2021

Attachments

1. Draft Minutes – Sep 30, 2020
2. Agenda Item IV – Staff Report

CONTACT: *All Americans with Disabilities Act (ADA) accommodations shall be promptly reviewed and resolved.* Persons who require accommodations for any audio, visual or other disability in order to review an agenda, or to participate in the meeting of the State Water Subcontractors Advisory Committee per the ADA, are encouraged to request such accommodation 48 hours in advance of the meeting from SWSAC Secretary, Wes Thomson at (805) 781-5252.

The purpose of the Committee is, "to monitor all aspects of this agreement and related agreements and to advise the governing bodies of District and Contractor on the functioning of this agreement and related agreements, and to recommend to the governing bodies of District and Contractor any modifications to said agreements that may, from time to time, be appropriate."
(Art. 31, Water Supply Agreement, 1992)

MINUTES (Draft)

Chairperson: Brad Hagemann
Vice Chairperson: Ben Fine
Secretary: Wes Thomson

The following action minutes are listed as they were acted upon by the State Water Subcontractors Advisory Committee (SWSAC) and as listed on the Regular Meeting agenda for **September 30th, 2020**, together with staff reports and related documents attached thereto and incorporated therein by reference.

- I. Call to Order & Roll Call (Quorum Count)
Call to order at approx. 2:07 PM; a quorum was established.
- II. Public Comment
No public comment.
- III. Review of Last Meeting's Minutes
 - A. Minutes from May 27 and July 22 2020 were finalized as-is.
 - B. W. Thomson proposed a draft calendar for 2021. Follow up with W. Thomson if the third Wednesday of each month does not work for your schedule.
 - C. Many agencies have vacancies and to achieve quorum on a regular basis those positions should be filled. Aiming to send a group board letter by end of January to mid-February.
- IV. Water Delivery Operations Report (see staff report)
 - A. W. Thomson provided update on 2020 Water Delivery Report (thru April 2020). DWR set the allocation to 20%. Deliveries are on track. Potential for a SWP spill at SLR if we see a wet winter. Current conditions resemble conditions before 18-19 spill. On January 1, 2021 SLR is projected to have over 13,000AF.
 - B. Request form will be sent out Sept. 30 and initial submittal to DWR is due by Oct. 1st. DWR is tentatively planning their "Annual Maintenance Shutdown" for Oct. 30 through Nov. 18. DWR will set initial allocation for 2021 in Dec 2020.
- V. Ongoing Updates (see staff report)
 - A. Water supply contract extension amendment. More updates to come in the fall or early 2021.
 - B. Water Management Tools Study. CCWA and Board of Supervisors have authorized moving forward with the study. Joint public working group meetings with CCWA members, subcontractor, and WRAC participation to outline the process. Amendment is available and planned to be signed by February, though not necessarily in time to address the existing risk of spill in 2021.
- VI. Committee Action Items (see staff report)
 - A. Delta Conveyance Project. Board will be considering participation in preliminary planning/design process on November 17th. The state is looking to finance over 4 years

instead of 5 years. Participation in the next phase keeps the door to continue studying the options, benefits, and policies. S. Gibson (OCSD) states that a 5-year payment plan is more ideal and other members agreed. Invoices will come out in January for the 60% portion of the first year's commitment. B. Hagemann asks if cost to repair Oroville been included in the 20-21 State Water billing, and W. Thomson will update committee once he gets that information.

- a. The District is asking for contractors' reliance on State Water. Percentages of current and expected production from State Water. Also, are there any Subcontractors required to submit an Urban Water Management Plan?

VII. Discuss Future Agenda Items

District will provide updates on the following:

- Next meeting is November 18, 2020
- Board direction/action – Nov 17 (Delta Conveyance – decision on preliminary participation)
- Operations / Ongoing Items (DCP, WSCE, WMT)
- Water Management Tools Study and Amendment

VIII. Action Items

- A. District staff to follow up w/above questions (DCP Cost, Benefits, and Oroville cost impacts)
- B. W. Thomson to solicit input via separate emails on 2021 calendar.
- C. SWSAC appointments and timing.
- D. Separate subcommittee for WMT study input – how/when to go about this?

Meeting Adjourned at 3:15 PM.



SAN LUIS OBISPO COUNTY
FLOOD CONTROL AND WATER CONSERVATION DISTRICT

TO: District State Water Subcontractors Advisory Committee (SWSAC)

FROM: Wes Thomson, P.E.
Water Utilities Engineer

Via: Courtney Howard
Water Resources Division Manager

DATE: November 18, 2020

SUBJECT: Agenda Item VI.A – Consider forming an ad-hoc sub-committee to participate in the Water Management Tools Study process

RECOMMENDATION

Recommend that Subcontractors consider forming an ad-hoc sub-committee to participate in the State Water Project Water Management Tools Study process.

DISCUSSION

The need for a Water Management Tools Study arose after the Department of Water Resources proposed a new State Water Project Contract Amendment. The Amendment suggests changes to the existing SWP Water Supply Contracts that provide for more flexibility associated with transfers and exchanges.

To evaluate and plan for the opportunities provided by the Water Management Tools Amendment, the Central Coast Water Authority (CCWA) and the District are working with a consultant with expertise in SWP issues. The scope of work for the consultant is included as Attachment 1. It is anticipated that this study will help staff develop updated policy recommendations regarding State Water, particularly as it relates to storing and/or transferring participating Subcontractors' water amounts and the District's unsubscribed allocation.

Staff recommends the SWSAC consider whether to form an ad-hoc subcommittee of the SWSAC that would participate in more detail in the process by attending public meetings, reporting back to the SWSAC, and helping to develop SWSAC recommendations to the Board of Supervisors. The Water Resources Advisory committee also formed an ad-hoc subcommittee during their meeting on November 4th. **The first joint public meeting with CCWA stakeholders is anticipated to be held online the afternoon of November 30, 2020.**

› COASTAL BRANCH

Water Management Strategies Development

June 17, 2020

**HALLMARK
GROUP**

**PROVOST &
PRITCHARD**
CONSULTING GROUP

SCOPE OF WORK

To meet Central Coast Water Authority (“CCWA”) and San Luis Obispo County Flood Control and Water Conservation District (“SLO County”) identified needs, the following scope of work has been developed. This scope addresses tasks that would be conducted and describes the approach to each task. The scope assumes that there are no specific travel charges and that any meetings would be held through video-conferencing facilities. Any charges for physical travel to assigned meetings would be an additional charge in addition to the proposed budget.

Task 1 – Project Management

This task includes overall project administration, subconsultant management, monthly progress report preparation, and contract administration with the CCWA Program Manager.

This task includes attending a monthly video-conference meetings, one with the Coast Branch Program Managers (CCWA and San Luis Obispo County), “PM Meeting”. Additionally, four meetings will be held with the of Coastal Branch Stakeholders (a representative group of CCWA and SLO County Water Agencies), “Stakeholder Meetings”. The PM meetings will focus on the topics shown under Task 2 through 6. At each PM meeting a presentation will be given on progress and results, draft material for the Stakeholders meetings will be reviewed and comments will be solicited on draft sections and upcoming work. The updated presentations on work status and requests for policy input will be then be presented and discussed at the Stakeholders meeting, and discussion will be used as input to revise and update work products as applicable.

Deliverables:

- Monthly Progress Reports
- Materials and presentations for monthly meetings with Coastal Branch PM Group and for four Stakeholder Groups through July 2021

Task 2 – Review and Summarize Pertinent Rules and Requirements

Applicable regulatory requirements for water management options will be identified. As State Water Project (“SWP”) contractors, the starting point will be CCWA’s and San Luis Obispo County’s SQWP Water Supply Contracts. Currently, these contracts include provisions addressing factors such as storage in SWP facilities and outside a contractor’s service area (Article 56), transportation of non-project water (Article 55), and water transfers and exchanges. Additionally, there are supplemental guidelines (for example Notice to State Water Project Contractors #17-11) that address how the contract is being implemented. A new SWP Water Management amendment is being pursued that would make significant changes to the existing SWP Water Supply Contracts rules that will greatly facilitate implementation of effective water management strategies for agencies such as CCWA. The new amendment, for example, will allow annual or multi-year transfers that have been limited in the past.

In addition to SWP regulations, other agencies have jurisdiction over potential water management actions (such as banking, transfers, and exchanges) that may need to be addressed depending on the actions. These other agencies include the Department of Water Resources, the State Water Resources Control Board, the U.S. Bureau of Reclamation, the Delta Stewardship Council, the California Department of Fish and Wildlife, the U.S. Fish and Wildlife Service, Groundwater Sustainability Agencies, and County Governments. Depending on the situation, other agencies with jurisdiction could include Integrated Regional Water Management Agencies, any adjudicated groundwater basin Watermasters, and the Regional Water Quality Control Board.

The product of this process will be a concise summary of the regulations that affect different types of water management actions at different locations. The regulations summary will be categorized by different types of management actions that will be considered for ongoing development and implementation of those actions.

Deliverable:

- Technical Memorandum summarizing Rules and Regulations affecting water management options for CCWA and SLO County.

Task 3 – Identify Regional Opportunities and Challenges

The Coastal Branch SWP contractors represent a broad group of existing and potential users of the SWP Table A amounts of San Luis Obispo County and Santa Barbara County. These Coastal Branch Water Agencies have a wide variety of different water management opportunities and challenges. Some have more SWP Table A Amounts than they can use, but lack access to long term storage. Others have storage and demands, but limited conveyance. Concurrent with the documentation of water supply opportunities and challenges on the SWP, the water management capabilities and needs of Coastal Branch water users will be surveyed and documented. These will be summarized into a consistent format and reviewed as draft with the Coastal Branch PMs and the Coastal Branch Stakeholders. The results of this review will be documented in a technical document that can be incorporated into a final report.

Deliverable:

- Technical Memorandum summarizing water management capabilities and needs for Coastal Branch Water Agencies.

Task 4 – Development of Selection Criteria

This task will involve a process to develop local consensus for selection criteria for water management alternatives. The CCWA SOQ identifies many of the criteria that would be appropriate for selecting a project – cost, reliability and control of conveyance, ability to deliver water, ability to return water, water losses and other factors. These factors, and additional potential factors (e.g., water quality, location), will be summarized and reviewed with CCWA and affected stakeholders to develop final selection criteria. At least two meetings (potentially in conjunction with other meetings) will be conducted with CCWA and identified stakeholders to review potential selection criteria, refine the criteria, and settle on the final criteria and appropriate weighting.

Deliverable:

- Selection criteria for reviewing selecting water management alternatives.

Task 5 – Identify Water Management Components

An initial task will be to summarize the water management alternatives that are available to meet CCWA's needs. The alternatives will include physical alternatives (such as a water bank) and operational alternatives (for example, transfers or exchanges with other agencies). A wide range of potential alternatives will be identified, including alternatives in San Luis Obispo and Santa Barbara Counties that have been proposed by local stakeholders, and these will be documented and screened for analysis. Other alternatives located in other parts of the state will be considered, including water banks and exchange programs with other agencies. Options that have been previously developed, but are currently operating at capacity and do not have the ability for additional participation from parties such as the Coastal Branch SWP contractors, like the Kern Water Bank, will not be considered in the analysis. The increased SWP Table A amounts currently being pursued by CCWA through purchase of the Suspended Coastal Branch Table A and through SWP-wide projects such as the Delta Conveyance Facility project will be included as potential water management components along with other identified measures.

Each screened alternative will be described consistent with selection criteria identified in Task 4, including a narrative overview, facilities configuration, capital cost, operating cost, conveyance requirements, total storage capacity, intake conveyance capability, and extraction conveyance capacity.

Deliverable:

- Technical Memorandum describing water management alternatives.

Task 6 – Identify Local and System Capacity Limitations

Conveyance will be needed to the sites to implement certain water management alternatives (both local and remote) and for return of water to the Coastal Branch region (for remote alternatives). The recent capacity assessment of the Coastal Branch Aqueduct prepared by WSC is helpful in this regard because it identifies existing and potential capacities for delivering water within San Luis Obispo and Santa Barbara Counties that are in excess of the design capacity level. Access to increased capacity for the Coastal Branch downstream of Polonio Pass Treatment Plant ("PPTP") will also necessitate possible modifications at PPTP to provide the higher capacities identified. Coastal Branch capacity upstream of the PPTP is generally available for the reaches downstream of Devils Den Pumping Plant ("DDPP") due to the higher capacity designed into those reaches to optimize power operations. Capacity in the Coastal Branch reaches upstream of the DDPP and in the California Aqueduct will be quantified based on recent operational capacity (reflecting impacts of subsidence) and historical delivery patterns for other water users.

Capacity in the California Aqueduct and other conveyance facilities needed for water management alternatives, such as water banks, will be quantified for the period of interest. For example, the ability to store carryover water later in the year will depend on the use of facilities by other water managers and

the relative priority of a CCWA alternative as compared to other SWP water users. The intent of this review will be to confirm that conveyance for recharge water is available during high demand periods when it is most needed. A similar analysis will be performed for conveyance to return water from a water bank, exchange, or some other type of water management alternative. Experiences during recent drought periods demonstrated that there can be limited capacity to return water by instantaneous exchange (for projects such as groundwater storage downstream of the Coastal Aqueduct) during extreme drought periods when the water is needed.

Task 7 – Quantify SWP Supply Capability

A primary goal of the evaluation will be to align the local demands with available SWP water supplies and water management alternatives. The primary source of SWP water supply information will be CALSIM reservoir operations studies for different assumptions about future regulatory conditions, facilities, and climate conditions. CALSIM studies will be obtained for monthly deliveries to SWP contractors for use in evaluations. Initially, these study results for Table A, Article 56, and Article 21 Water will be computed for San Luis Obispo and Santa Barbara Counties based on their Table A allocations. These monthly results will also be summarized annually for use in the management alternatives.

Adjustments to CALSIM operations based on recent historical operations will be identified and applied to CALSIM results as an alternative for analysis that may improve the utility of the results. The result of the SWP water supply analysis will be tables showing monthly and annual amounts of various types of SWP water available for San Luis Obispo and Santa Barbara Counties, as well as for other SWP contractors (outside of the Coastal Branch) that may be partners in water management alternatives such as banking, exchanges, or transfers.

Task 8 – Evaluate and Select Management Alternatives

The water supply and conveyance information identified in Tasks 6 and 7 will be combined with demand information for Central Coast Water Agencies to evaluate individual and combined water management alternatives. From three to ten different water management alternatives will be evaluated on an annual basis to quantify their performance for meeting Central Coast water users water needs. The evaluation will quantify the minimum level of deliveries, average level of deliveries, storage in banking sites, cost, and other parameters to be considered in the selection criteria. The use of annual operations analysis for the evaluation will be reviewed early in the process to determine its adequacy. If that approach is not adequate to meet CCWA planning needs, then a specific proposal for more detailed analysis will be presented to CCWA for their consideration.

The raw water supply benefits of water management components, including the Suspended Coastal Branch Table A purchase, will be quantified as will the benefits and associated costs of broader range of water management measures. The performance of the various management alternatives will be reviewed with CCWA and appropriate stakeholders to identify the best individual alternative or combination of alternatives. It is also possible that refinements to the alternatives can be developed based on feedback from CCWA and stakeholders. The completed result of this task will be an approach for water management options that meets CCWA needs in the most effective manner.

Task 9 – Prepare Water Management Strategies Summary

Based on the evaluation of identified water management alternatives using the selection criteria, a report will be prepared for the Coastal Branch that summarizes the selected water management alternatives. The summary will identify the roles of additional water supply alternatives as well as management measures such as conjunctive use, water transfers and water purchases, in meeting Coastal Branch water management challenges.

Deliverable:

- Report describing selected water management alternatives and approach to integrating those alternatives to meet overall water supply and financial objectives.

DRAFT

