

LOS OSOS GROUNDWATER BASIN, BASIN MANAGEMENT COMMITTEE

NOTICE OF MEETING

NOTICE IS HEREBY GIVEN that the Los Osos Groundwater Basin, Basin Management Committee Board of Directors will hold a **Regular Board Meeting** at **1:30 P.M.** on **Wednesday, September 16, 2020**. Based on the threat of COVID-19 as reflected in the Proclamations of Emergency issued by both the Governor of the State of California and the San Luis Obispo County Emergency Services Director, as well as the Governor's Executive Order N-29-20 issued on March 17, 2020 relating to the convening of public meetings in response to the COVID-19 pandemic, this meeting will be conducted as a phone-in/web-based meeting only. There will be no physical meeting location for this BMC Meeting. Members of the public can participate via phone or by logging into the web-based meeting.

For quick access, go to <https://us04web.zoom.us/j/778762508>
(This link will help connect both your browser and telephone to the call)

If not using a computer, dial 1 (669) 900-6833 or 1 (346) 248-779 and enter **778 762 508**

All persons desiring to speak during any Public Comment can submit a comment by:

- Email at dheimel@wsc-inc.com by 5:00 PM on the day prior to the Committee meeting.
- Teleconference by phone at 1 (669) 900-6833 and enter **778 762 508**
- Teleconference by phone at 1 (346) 248-7799 and enter **778 762 508**
- Teleconference meeting at <https://us04web.zoom.us/j/778762508>
- Mail by 5:00 PM on the day prior to the Committee meeting to:
Attn: Dan Heibel (Basin Management Committee)
2122 9th St.
Suite 110
Los Osos, CA 93402

Additional information on how to submit Public Comment is provided on page 3 of this Agenda

Directors: Agenda items are numbered for identification purposes only and may not necessarily be considered in numerical order.

NOTE: The Basin Management Committee reserves the right to limit each speaker to three (3) minutes per subject or topic. In compliance with the Americans with Disabilities Act and Executive Order N 29-20, all possible accommodations will be made for individuals with disabilities, so they may participate in the meeting. Persons who require accommodation for any audio, visual or other disability in order to participate in the meeting of the BMC are encouraged to request such accommodation 48 hours in advance of the meeting from Dan Heibel at dheimel@wsc-inc.com.

BASIN MANAGEMENT COMMITTEE BOARD OF DIRECTORS AGENDA

1. CALL TO ORDER

2. ROLL CALL

3. BOARD MEMBER COMMENTS

Board members may make brief comments, provide project status updates, or communicate with other directors, staff, or the public regarding non-agenda topics.

4. ACTION ITEMS

a. Implementation Plan Study Session

Recommendation: Receive an update on the Implementation Plan Strategic Initiatives and Scoring Criteria and provide direction to staff.

5. PUBLIC COMMENTS ON ITEMS NOT APPEARING ON THE AGENDA

The Basin Management Committee will consider public comments on items not appearing on the agenda and within the subject matter jurisdiction of the Basin Management Committee. The Basin Management Committee cannot enter into a detailed discussion or take any action on any items presented during public comments at this time. Such items may only be referred to the Executive Director or other staff for administrative action or scheduled on a subsequent agenda for discussion. Persons wishing to speak on specific agenda items should do so at the time specified for those items. The presiding Chair shall limit public comments to three minutes.

6. ADJOURNMENT

Notice of Meeting
**LOS OSOS GROUNDWATER BASIN, BASIN MANAGEMENT
COMMITTEE**

*****CONFERENCE CALL/WEBINAR ONLY*****

Wednesday, September 16, 2020 at 1:30 PM

Important Notice Regarding COVID-19: Based on guidance from the California Department of Public Health and the California Governor's Office, in order to minimize the spread of the COVID-19 virus, please note the following:

1. The meeting will only be held telephonically and via internet via the number and website link information provided on the agenda. After each item is presented, Committee Members will have the opportunity to ask questions. Participants on the phone or on the computer will then be provided an opportunity to speak for 3 minutes as public comment prior to Committee deliberations and/or actions or moving on to the next item. If a participant wants to provide public comment on an item they should select the "Raise Hand" icon on the Zoom Online Meeting platform or press *9 if on the phone. The meeting host will then unmute the participant when it is their turn to speak and allow them to provide public comment.
2. The Committee's agenda and staff reports are available at the following website:
[https://www.slocounty.ca.gov/Departments/Public-Works/Committees-Programs/Los-Osos-Basin-Management-Committee-\(BMC\).aspx](https://www.slocounty.ca.gov/Departments/Public-Works/Committees-Programs/Los-Osos-Basin-Management-Committee-(BMC).aspx)
3. If you choose not to participate in the meeting and wish to make a written comment on any matter within the Committee's subject matter jurisdiction, regardless of whether it is on the agenda for the Committee's consideration or action, please submit your comment via email or U.S. Mail by 5:00 p.m. on the day prior to the Committee meeting. Please submit your comment to Dan Heibel at dheibel@wsc-inc.com. Your comment will be placed into the administrative record of the meeting.
4. If you choose not to participate in the meeting and wish to submit verbal comment, please call (805) 457-8833 x104 and ask for Dan Heibel. If leaving a message, state and spell your name, mention the agenda item number you are calling about and leave your comment. The verbal comments must be received by no later than 9:00 a.m. on the morning of the noticed meeting and will be limited to 3 minutes. Every effort will be made to include your comment into the record, but some comments may not be included due to time limitations.

Mailing Address:
Attn: Dan Heibel
Basin Management Committee
2122 9th St.
Suite 110
Los Osos, CA 93402

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 Basin Management Committee per the ADA, are encouraged to request such accommodation 48 hours in advance of the meeting from Dan Heibel at (805) 457-8833 x104.

TO: Los Osos Basin Management Committee

FROM: Dan Heimel, Executive Director

DATE: September 16, 2020

SUBJECT: Item 4a – Implementation Plan Update

Recommendations

Receive an update on the Implementation Plan Strategic Initiatives and Scoring Criteria and provide direction to staff.

Discussion

Background

During the development of the CY 2020 BMC Budget, it was identified that the BMC could benefit from an updated evaluation of the water resource initiatives potentially available to the BMC parties. The evaluation is described as an Implementation Plan. It is intended to help the BMC build consensus around how to focus its efforts and funds for future water resources initiatives, provide a structure for developing future BMC budgets, and to aid in the further implementation of the Basin Plan.

At the June 2020 BMC Meeting, the BMC directed the Executive Director to initiate the initial phases of the Implementation Plan development, which included summarizing roles and responsibilities for the BMC, and coordinating with BMC Party Staff to develop a list of Strategic Initiatives and Strategic Initiative Scoring Criteria.

At the August 2020 BMC Meeting, the BMC reviewed the initial list of Strategic Initiatives and Scoring Criteria and authorized the Executive Director to work with BMC Party Staff to refine the list of initiatives, develop brief summary descriptions of each of the initiatives, populate the Scoring Criteria framework, and schedule a dedicated Study Session in September to review these initial steps and provide direction on the next steps for the Implementation Plan.

Additional detail regarding the information provided at these meetings can be found in the Staff Reports.

Current Status

Based on the direction provided by the BMC, BMC Staff developed an updated list of Strategic Initiatives, which incorporated the following changes: 1) removal of completed initiatives (i.e. Wellhead Protection Program (Program P)); 2) consolidation of similar initiatives; 3) separation of Planning Initiatives (studies, monitoring improvements, etc.) and Implementation Initiatives (water resources infrastructure projects, conservation program, etc.) into separate categories to enable comparative scoring. Additionally, draft scoring criteria and a framework for applying that criteria were identified for the Planning and Implementation Initiatives.

The proposed Planning and Implementation Initiatives and their associated Scoring Criteria are outlined in the following tables for the BMC's review and comment.

Proposed Planning Strategic Initiatives

Strategic Initiatives (Planning)	Description
Recycled Water Beneficial Use Evaluation	Updated modeling evaluation to analyze benefits of discharging recycled water to Broderson, Bay Ridge, Sea Pines and/or other future locations (e.g. ag reuse, school landscape irrigation, etc.).
Pumping Management/Intertie Utilization Evaluation	Study to evaluate opportunities to increase sustainable yield and reduce the threat of seawater intrusion through coordinated pumping management program and/or use of interties between Water Purveyors.
Evaluation of Growth Allowance Criteria	Evaluation of existing metrics and potential growth rates and development of BMC recommendations for threshold criteria and adaptive management provisions associated with new growth.
Funding & Organization Studies	Study to evaluate potential funding mechanism for BMC Programs B and D, other potential water resource resiliency improvement projects (e.g. AB1600 Study, etc.), and ongoing BMC administration.
Basin Monitoring Metric Evaluation	Evaluation of existing metrics and potential for additional metrics to track the threat of seawater intrusion, nitrate contamination, and the overall status of the basin.
Monitoring Well Network Improvements	Study to evaluate potential modifications to existing wells and/or new monitoring wells to improve the basin monitoring program.
Rating Curve for Los Osos Creek Stream Flow Sensor	Field study to develop correlation between flow rate and water depth to improve ability to measure flow rate in Los Osos Creek.
Metering of Private Wells	Investigation of opportunities for voluntary or mandatory monitoring of pumping from private wells in the basin.
Formalize adaptive management procedures	Develop formal BMC procedures and approval requirements for modifying Basin Plan Programs through Adaptive Management.
Broderson Mound Transducer Installation	Installation of groundwater level and/or water quality transducers in existing wells near the Broderson disposal site to collect additional data on the formation of the groundwater mound.
Groundwater Model Improvements	Improvements to the existing groundwater model or development of a transient model to provide an improved toolset for evaluating different water resource scenarios.
Peer Review of Groundwater Model	Procure an outside consultant to perform a peer review of the existing basin groundwater model.
Climate Change Assessment	Updated modeling evaluation of impacts of climate change on the sustainable yield of the basin, accounting for sea level rise, changing temperatures, and variations in precipitation patterns that incorporates latest estimates/assumptions of climate change impacts.
Water Supply Resiliency Study	Alternatives evaluation of different projects available to the BMC for increasing the water supply resiliency.

Proposed Planning Strategic Initiatives Scoring Criteria Framework

Cost	<ul style="list-style-type: none"> 1- >\$100,000 2- \$50,000 - \$100,000 3- \$25,000 - \$50,000 4- \$10,000 - \$25,000 5- <\$10,000
Jurisdictional Alignment	<ul style="list-style-type: none"> 1- Individual BMC Party 2- 3- Multiple BMC Parties 4- 5- Entire BMC
Resiliency Improvement	<ul style="list-style-type: none"> 1- Limited resiliency improvement benefits 2- 3- Moderate resiliency improvement benefits 4- 5- Significant resiliency improvement benefits
Water Quality Improvement	<ul style="list-style-type: none"> 1- Limited water quality benefits 2- 3- Moderate water quality benefits 4- 5- Significant water quality benefits
Enhanced Management	<ul style="list-style-type: none"> 1- Limited water resource management benefits 2- 3- Moderate water resource management benefits 4- 5- Significant water resource management benefits
Grant Funding Opportunities	<ul style="list-style-type: none"> 1- Limited grant funding opportunities 2- 3- Moderate grant funding opportunities 4- 5- Significant grant funding opportunities
Foundation Document Requirement	<ul style="list-style-type: none"> 1- Requires modification of Basin Plan/Stipulated Judgement/BMC Rules and Regulations 2- 3- Not required and doesn't require modification of Basin Plan/Stipulated Judgement/BMC Rules and Regulations 4- 5- Required by Basin Plan/Stipulated Judgement/BMC Rules and Regulations
Timeline to Implementation	<ul style="list-style-type: none"> 1-> 5 years 2- 3- 2 years 4- 5- 0-6 Months
Feasibility/Complexity	<ul style="list-style-type: none"> 1-Significant regulatory, environmental, political, or social challenges 2- 3- Potential significant regulatory, environmental, political, or social challenges 4- 5- Limited regulatory, environmental, political, or social challenges

Proposed Implementation Strategic Initiatives

Implementation Strategic Initiatives	Description
Creek Discharge Program	Treatment and distribution infrastructure improvements to allow for disposal/recharge of water from the Los Osos Water Reclamation Facility to Los Osos Creek.
Enhanced Water Conservation Programs	Increased investment in water conservation programs to reduce water demand.
Morro Bay Intertie (Drought Resiliency)	Construction of an intertie pipeline with Morro Bay to provide access to State Water and/or other water supplies to enable conjunctive use opportunities and improve water supply resiliency for both communities.
Brackish Water Desalination	Treatment of brackish water to provide additional potable water supply.
Supplemental Water (Onsite Rainwater Harvesting and/or Greywater Use)	Rainwater harvesting and/or greywater systems to offset demand on potable water supplies.
Urban Stormwater Capture	Low Impact Development and/or other infrastructure improvements to improve stormwater capture and recharge.
Warden Creek Stormwater Capture	Capture of surface water runoff from Warden Creek for use in enhancing water supplies in the Los Osos Basin.
Community Nitrate Removal Facility	Community Nitrate Removal Facility to treat water from the upper aquifer and distribute it the Los Osos Water Purveyors.
Program D Expansion Wells	New potable water wells in the Lower Aquifer in the Eastern Area of the Basin.
Program C Expansion Well	Additional new potable water well in the Lower Aquifer in the Central Area of the Basin.
Sewer Area Expansion	Expansion of sewer collection system to capture septic discharges to reduce nitrate load on the basin and provide additional water for the recycled water program.

Proposed Implementation Strategic Initiatives Scoring Criteria Framework

Improved Resiliency	<ul style="list-style-type: none"> 1- < 50 AFY Sustainable Yield Increase 2- 50-100 AFY Sustainable Yield 3- 100-250 AFY Sustainable Yield 4- 250-500 AFY Sustainable Yield 5- > 500 AFY Sustainable Yield
Beneficiaries	<ul style="list-style-type: none"> 1- Individual Purveyor 2- 3- Multiple Purveyors 4- 5- All Basin Pumpers
Capital Cost	<ul style="list-style-type: none"> 1->\$5M 2- 3- \$2.5M 4- 5- <\$0.5
O&M Cost	<ul style="list-style-type: none"> 1- >\$2,000/AF 2- \$1,000 - \$2,000/AF 3- \$500 - \$1,000/AF 4- \$100 - \$500/AF 5- < \$100/AF
Grant Funding Opportunities	<ul style="list-style-type: none"> 1- Limited grant funding opportunities 2- 3- Moderate grant funding opportunities 4- 5- Significant grant funding opportunities
Timeline to Implementation	<ul style="list-style-type: none"> 1-> 10 years 2- 7 years 3- 5 years 4- 3 years 5- 1 year"
Feasibility/Complexity	<ul style="list-style-type: none"> 1-Significant regulatory, environmental, political, or social challenges 2- 3- Potential significant regulatory, environmental, political, or social challenges 4- 5- Limited regulatory, environmental, political, or social challenges

Implementation Plan Level of Effort Estimate

Based on input provided at the August BMC Meeting, the scope of work to complete the Implementation Plan was re-evaluated to identify opportunities to reduce the level of effort. It was determined that by reducing the level of documentation (i.e. Roles & Responsibilities Summary; Strategic Initiative Summary Sheets; Technical Memorandum) the amount of staff time and consultant cost could be greatly reduced. Based on the Reduced Level of Effort assumptions, the following list of tasks, their status, and associated number of hours to complete was updated:

Implementation Plan Remaining Tasks (Reduced Level of Effort)

1. Role/Responsibilities Documentation
 - a. Roles and Responsibilities Summary (Complete, Reduced Level of Effort)
2. Strategic Initiative Identification and Evaluation
 - a. Strategic Initiative Refinement (Complete)
 - b. Strategic Initiative Summary Sheets (Complete, Reduced Level of Effort)
 - c. Scoring Criteria Framework Development (Complete, if approved by BMC)
 - d. Strategic Initiative Scoring & Ranking (10 hrs)
3. Implementation Plan Technical Memorandum (Not included under Reduced Level of Effort)

It is estimated that it will require approximately 10 hours of time for the Executive Director to complete the Implementation Plan under the Reduced Level of Effort approach. At the August BMC Meeting, the BMC authorized the Executive Director to use up 20 hours to move the Implementation Plan forward. It is anticipated that the Implementation Plan, under the Reduced Level of Effort approach, could be completed within the 20 hours of additional time previously authorized.

However, it is additionally recommended that Spencer Harris (Cleath-Harris Geologists) participate in the Implementation Plan scoring and ranking due to his long history with the Stipulation Judgement and BMC, as well as his extensive knowledge of the Basin Plan and associated projects. For Spencer to assist in the Implementation Plan under the Reduced Level of Effort approach, it is estimated that it would take about 10 hours with an additional cost of approximately \$1,500.

Financial Considerations

The development of an Implementation Plan was not included in the Baseline Budget that was approved by the BMC for Calendar Year (CY) 2020. However, included in that budget was \$17,600 of contingency funds; \$5,700 of the contingency funds have been authorized; leaving \$11,900 of remaining contingency funds that could be utilized to fund costs associated with the completion of the Implementation Plan and/or other BMC initiatives. In addition to the contingency funds, there are several other budgeted items that may have funds remaining at the end of the year if meetings continue to be held remotely or certain services are not needed, including: Meeting Expenses – facility rent \$1,000; Meeting Expenses – audio and video services ~\$4,000; and Grant writing \$5,000.