

As a matter of proper business decorum, the Board of Directors respectfully request that all cell phones be turned off or placed on vibrate. To prevent any potential distraction of the proceeding, we request that side conversations be taken outside the meeting room.

AGENDA
REGULAR BOARD MEETING
THREE VALLEYS MUNICIPAL WATER DISTRICT
1021 E. MIRAMAR AVENUE, CLAREMONT, CA 91711

Wednesday, November 6, 2019
8:00 a.m.

The mission of Three Valleys Municipal Water District is to supplement and enhance local water supplies to meet our region's needs in a reliable and cost-effective manner.

Item 1 – Call to Order

Kuhn

Item 2 – Pledge of Allegiance

Kuhn

Item 3 – Roll Call

**Executive
Assistant**

Item 4 – Additions to Agenda [Government Code Section 54954.2(b)(2)]

Kuhn

Additions to the agenda may be considered when two-thirds of the board members present determine a need for immediate action, and the need to act came to the attention of TVMWD after the agenda was posted; this exception requires a degree of urgency. If fewer than two-thirds of the board members are present, all must affirm the action to add an item to the agenda. *The Board shall call for public comment prior to voting to add any item to the agenda after posting.*

Item 5 – Reorder Agenda

Kuhn

Item 6 – Public Comment (Government Code Section 54954.3)

Kuhn

Opportunity for members of the public to directly address the Board on items of public interest within its jurisdiction. The public may also address the Board on items being considered on this agenda. TVMWD requests that all public speakers complete a speaker's card and provide it to the Executive Assistant.

We request that remarks be limited to five minutes or less. Pursuant to Government Code Section 54954.3, if speaker is utilizing a translator, the total allotted time will be doubled.

Item 7 – Presentations

Litchfield

Mr. Andy Malone of Wildermuth Environmental, Inc. will provide a presentation on Satellite Mapping Systems.

Item 8 – General Manager’s Report

Litchfield

The Executive Leadership Team will provide brief updates on existing matters under their purview and will be available to respond to any questions thereof.

8.A - American Water Infrastructure Act Update (AWIA) – [enc]

Howie

Mr. Mike Holmes, Emergency Preparedness Coordinator for PWAG, will provide an AWIA update to the board. Staff is seeking consideration to return this item to the November 20, 2019 Board meeting for approval.

8.B – Annual Consideration of Contributions to Pension and OPEB Trust – [enc]

Linthicum

The Board will consider funding to the Pension/OPEB Trust and provide direction to staff for action at a future meeting.

8.C – Chino Basin Watermaster 2020 Optimum Basin Management Program Update (OBMPU) Progress Report, September 2019 – [enc]

Litchfield

The Board will be provided an update on the Chino Basin Optimum Basin Management Program.

8.D – Miragrand Well CEQA Update – [enc]

Peralta

The Board will be provided an update on the Miragrand Well CEQA process.

Item 9 – Closed Session

Conference with Real Property Negotiators (Government Code Section 54956.8)

- Property: 1500 N. College Avenue, Claremont, California [District is considering purchase of a small portion (10,000 sq. ft.) of this parcel]
- District Negotiator: Matthew Litchfield, General Manager
- Negotiating Parties: Rancho Santa Ana Botanic Garden
- Under Negotiation: Price and terms of payment

Public Employee Performance Evaluation (Government Code Section 54957)

- Title: General Manager

Item 10 – Future Agenda Items

Kuhn

Item 11 – Adjournment and Next Meeting

Kuhn

The Board will adjourn to its next meeting scheduled for Wednesday, November 20, 2019 at 8:00 a.m.

American Disabilities Act Compliance Statement

Government Code Section 54954.2(a)



Any request for disability-related modifications or accommodations (including auxiliary aids or services) sought to participate in the above public meeting should be directed to the TVMWD's Executive Assistant at (909) 621-5568 at least 24 hours prior to meeting.

Agenda items received after posting

Government Code Section 54957.5

Materials related to an item on this agenda submitted after distribution of the agenda packet are available for public review at the TVMWD office located at, 1021 East Miramar Avenue, Claremont, CA, 91711. The materials will also be posted on the TVMWD website at www.threevalleys.com.

Three Valleys MWD Board Meeting packets and agendas are available for review on its website at www.threevalleys.com.



Board of Directors Staff Report

To: TVMWD Board of Directors
From: Matthew H. Litchfield, General Manager 
Date: November 6, 2019
Subject: American Water Infrastructure Act Update

<input type="checkbox"/> For Action	<input type="checkbox"/> Fiscal Impact	\$
<input checked="" type="checkbox"/> Information Only	<input type="checkbox"/> Funds Budgeted	

Staff Recommendation:

Informational Item Only

Discussion:

On October 23, 2018, Congress signed into law the America's Water Infrastructure Act (AWIA) (S.3021, Law 115-270). Per Section 2013 of Title II, the AWIA requires agencies to conduct Risk and Resilience Assessments (RRA) of their community water systems and develop a corresponding Emergency Response Plan (ERP). Upon completion of the RRA, the utility is to submit self-certification to the U.S. Environmental Protection Agency (USEPA) indicating that the RRA is complete and complies with AWIA. Within six (6) months of submitting the RRA certification letter, the utility is required to submit a self-certification to USEPA for the corresponding ERP.

The compliance due dates which are based on population served are:

Population Served*	Risk Assessment	Emergency Response Plan (ERP)**
≥100,000	March 31, 2020	September 30, 2020
50,000-99,999	December 31, 2020	June 30, 2021
3,301-49,999	June 30, 2021	December 30, 2021

The Public Water Agency Group (PWAG), of which the District is a member, worked with its member agencies to determine the level of interest in a joint Request RFP solicitation and contract. Fifteen (15) agencies expressed an interest in participating and PWAG solicited proposals from several firms to complete the work. A total of 3 proposals were received, reviewed and rated by a committee of PWAG members and ranged in price from approximately \$96k to \$183k per assessment. The collective recommendation, based on variety of factors, was to select Claris Strategy (Claris). Recognizing the substantial costs involved and the high degree of variability between agencies, a follow-up discussion was held with Claris. Based on that discussion, PWAG recommended a

phased approach, where an initial compliance Crosswalk would be completed for each participating agency. Upon completion of the initial crosswalk, Claris would then prepare a refined cost proposal for each individual agency to complete the RRA and ERP. This phased approach will give any member agency the ability to opt out after the initial Phase 1 Crosswalk has been completed.

Staff believes there are a number of benefits to participating in this program, including competitive pricing, a consistent final product, and a comprehensive all-hazards response strategy that will further benefit agencies in their regional emergency response efforts.

Staff has entered into the initial joint agreement with PWAG and Claris for completion of Phase 1 of the project at an amount of \$9,718. Listed below is a brief outline of the effort involved, and the estimated cost to complete the assessment for the District. The estimated costs are based on the original proposal and are expected to decrease after the initial crosswalk is completed due to the amount of required work already completed in-house by district staff.

The scope of work includes provisions to create a Risk and Resiliency Assessment and to update the District’s Emergency Response Plan, which includes a comprehensive cyber security assessment. There are three phases to meet the AWIA requirements:

- Phase 1: Design and Complete a Crosswalk Review
- Phase 2: Completion of the Risk and Resiliency Assessment (RRA)
- Phase 3: Emergency Response Plan (ERP) Update

Phase 1- Crosswalk	Phase 2- RRA	Phase 3- ERP
\$9,718	\$125,000 (est.)	

Mike Holmes, Emergency Preparedness Coordinator for PWAG, will present to the board this morning and answer any questions pertaining to the AWIA.

This item will be returned for formal board action at the November 20 board meeting.

Strategic Plan Objective(s):

3.3 – Be accountable and transparent with major decisions

Attachment(s):

None

KH/ML



Board of Directors Staff Report

To: TVMWD Board of Directors
From: Matthew H. Litchfield, General Manager 
Date: November 6, 2019
Subject: Annual Consideration of Contributions to Pension and OPEB Trust

<input type="checkbox"/> For Action	<input type="checkbox"/> Fiscal Impact	\$
<input checked="" type="checkbox"/> Information Only	<input checked="" type="checkbox"/> Funds Budgeted:	\$200,000

Staff Recommendation:

No Action Necessary – Informational Item Only

Discussion:

TVMWD established an IRS Section 115 Trust with PARS in November of 2016. The Trust provides for the ability to legally set-aside funds to reduce TVMWD’s pension and OPEB liabilities.

- OPEB Trust
 - Balance of \$929,000 as of June 30, 2019, which represents a funded status of 82% of the OPEB liability less the “implicit subsidy”.
 - The initial strategy decision was to maintain the Trust as 80-90% with the remaining balance kept in TVMWD reserves. The total funded status including TVMWD reserves is 98%.
 - Staff recommends no contribution currently.
- Pension Trust
 - Balance of \$415,000 as of June 30, 2019. Along with the funds held by CalPERS, the funded status of the pension liability is 81%.
 - TVMWD’s goal is to accumulate and contribute \$200,000 per year to the Trust, which should fully fund pension liabilities by 2028.
 - Staff recommends a \$200,000 contribution to the pension trust as planned in the FY 19-20 budget.

Strategic Plan Objective(s):

- 3.1 – Utilize and comply with a set of financial policies to maintain TVMWD’s financial health
- 3.3 – Be accountable and transparent with major decisions

Attachment(s):

None

Meeting History:

None

NA/JL



Board of Directors Staff Report

To: TVMWD Board of Directors
From: Matthew H. Litchfield, General Manager 
Date: November 6, 2019
Subject: **Chino Basin Optimum Basin Management Program Update – Monthly Update**

<input type="checkbox"/> For Action	<input type="checkbox"/> Fiscal Impact	<input type="checkbox"/> Funds Budgeted
<input checked="" type="checkbox"/> Information Only	<input type="checkbox"/> Cost Estimate:	

Staff Recommendation:

No Action Recommended – Informational item only.

Background:

The Chino Groundwater Basin is a vital resource for TVMWD member agencies as well as member agencies of the Inland Empire Utilities Agency (“IEUA”) and Western Municipal Water District (“WMWD”). Over the past 20 years, the Parties to the Chino Basin Judgement have collaborated on the development and implementation of the Optimum Basin Management Program (“OBMP”) which has enabled the region to manage the Chino Groundwater Basin to guarantee a reliable water supply for the benefit of the regional economy. Staff is actively engaged with the Chino Basin Watermaster (“Watermaster”) on the current OBMP Update process along with the other stakeholders within Chino Basin.

On June 19, 2019, the Board adopted **Resolution No. 19-06-861** in support of the OBMP Update process. Part of the process includes Watermaster providing a monthly written report to the stakeholders on key elements of the update, including goals, schedule and milestones achieved to date, to name a few. Attached as **Exhibit A** is the monthly update provided by Watermaster.

Strategic Plan Objective(s):

1.3 – Maintain diverse sources of water supplies and storage, and increase extractable water storage supplies to 10,000 AF

1.4 – Capable of delivering 10,000 AFY from local sources in case of drought or catastrophe

3.3 – Be accountable and transparent with major decisions

Attachment(s):

Exhibit A – Optimum Basin Management Program Update 2020

Meeting History:

June 19, 2019 - Board of Directors Meeting

NA/ML



Optimum Basin Management Program Update

Progress Report - September 2019

Background

The Chino Basin Judgment gave the Chino Basin Watermaster (Watermaster) the discretionary authority to develop an Optimum Basin Management Program (OBMP) for the Chino Basin, including both water quantity and quality considerations. Watermaster, with direction from the Court, began the development of the OBMP in 1998 and completed it in July 2000. The OBMP was developed in a collaborative public process that identified the needs and wants of all stakeholders; described the physical state of the groundwater basin; developed a set of management goals; identified impediments to those goals; described a series of actions that could be taken to remove those impediments and thereby achieve the management goals; developed and executed agreements to implement the OBMP; and certified a programmatic Environmental Impact Report (PEIR) pursuant to CEQA with IEUA as the lead agency.

By 2019, many of the projects and management programs envisioned in the 2000 OBMP have been implemented, while some have not. The OBMP goals have been partially achieved. The understanding of the hydrology and hydrogeology of the Chino Basin has improved since 2000, and new water-management issues have been identified that necessitate that the OBMP be adapted to protect the collective interests of the Chino Basin parties and their water supply reliability. For these reasons, the Watermaster parties are preparing a 2020 OBMP Update to set the framework for the next 20 to 30 years of basin-management activities.

The 2020 OBMP Update is being conducted using a collaborative stakeholder process like that employed for the development of the 2000 OBMP. A series of public “Listening Sessions” are being held by the Watermaster throughout 2019 to support the 2020 OBMP Update. The purpose of the Listening Sessions is to obtain information, ideas, and feedback from the Chino Basin stakeholders to define their issues needs and wants, their collective goals for the 2020 OBMP Update, the impediments to achieving the goals, the management actions required to remove the impediments. The objective is for the ideas and opinions of every stakeholder to be heard and considered.

Thus far through the Listening Session process, the Chino Basin stakeholders have achieved the following:

- 1. Identified Drivers, Trends, and Implications for Basin Management.*
- 2. Defined Goals of the 2020 OBMP Update.*
- 3. Proposed Activities of the 2020 OBMP Update.*

For more details on the process and achievements of the listening sessions please refer to our August 2019 newsletter.

Item 8.C - Exhibit A 2020 OBMP Update Goals

2020 OBMP Update Listening Sessions Content

- History of the OBMP and its implementation
- Rationale for an OBMP Update
- Drivers, Trends and Implications for Basin Management
- Issues, Needs and Wants of the Stakeholders
- Review of OBMP Goals in 2000
- Review of OBMP Goals in 2020
- Proposed Activities of the OBMP
- Activities, Nexus and Outcomes
- 2020 OBMP Update Scoping Report Part 1 review
- 2020 OBMP Update Scoping Report Part 2 review

Next Listening Session

Listening Session 8 (Dec 11)

- 2020 OBMP Update Report review
- 2020 OBMP Implementation Plan review



Enhance Basin
Water Supplies



Protect and Enhance
Water Quality



Enhance Management
of the Basin



Equitably Finance
the OBMP

Activities Being Considered for the 2020 OBMP Update

- A. Construct new and improve existing recharge facilities
- B. Develop, implement, and optimize storage-and-recovery programs to increase water-supply reliability, protect or enhance Safe Yield, and improve water quality.
- C/G. Identify and implement regional conveyance and treatment projects/programs to enable all stakeholders to exercise their pumping rights and minimize land subsidence.
- D. Maximize the reuse of recycled water produced by IEUA and others
- E/F. Develop and implement a water-quality management plan and strategic compliance to address current and future water-quality issues and protect beneficial uses
- K. Develop management strategy within the Salt and Nutrient Management Plan to ensure ability to comply with dilution requirements for recycled water recharge
- L. Perform the appropriate amount of monitoring and reporting required to fulfill basin management and regulatory compliance

Monthly Update

During the month of September, Watermaster convened the Listening Session 6 (LS6) to discuss the function and content of the different documents to be produced by the end of the 2020 OBMP Update effort and how these are related to past reports and current agreements. LS6 also focused on the rest of the proposed activities that were included in the second release of the 2020 OBMP Update Scoping Report.

At LS6 the Watermaster team provided a recap of the process so far and discussed with stakeholders the deliverables and the process moving forward using the 2000 OBMP process as the baseline for the 2020 OBMP Update.

The Watermaster team also presented a series of summary sheets to the stakeholders where each proposed activity is described with the Tasks, Outcomes, Watermaster role and whether or not it is necessary to implement the physical solution or comply with other requirements. The summary sheets also include a tentative timeline with the major decision making points during implementation. Here is a sample of the summary sheet for activity A:

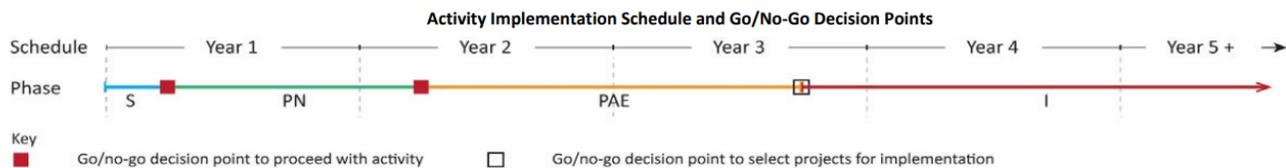
2020 OBMP Update - Activity A:

Construct new facilities and improve existing facilities to increase the capacity to store and recharge storm and supplemental waters, particularly in areas of the basin that will promote the long-term balance of recharge and discharge

Need and Objectives: The objectives of Activity A are (1) to maximize stormwater capture pursuant to Watermaster’s diversion permits, (2) to promote the long-term balance of recharge and discharge, (3) to ensure sufficient supplemental water recharge capacity for future replenishment, (4) to reduce dependence on imported water by maintaining or enhancing safe yield, (5) to improve water quality, and (6) to ensure a supply of dilution water to comply with recycled water recharge permit requirements. Based on the alignment of the objectives of Activity A with those of the RMPU, Activity A can be accomplished through the existing RMPU process.

Phase	Task	Outcomes	Watermaster Role	Are these outcomes necessary for Watermaster to Administer the Physical Solution or Comply with Other Requirements ?
S	1 – Define objectives and refine scope of work	Consensus on objectives of 2023 RMPU	Convene committee	Yes
PN	2 – Develop planning, screening, and evaluation criteria	New criteria for selecting projects	Technical support role	Yes
PAE	3 – Describe recharge enhancement opportunities	Conceptual design, operating plans, and costs of recharge alternatives	Technical support role	Yes
	4 – Develop reconnaissance-level engineering design and operating plan	Project implementation and financing plan		
I	5 – Plan, design, and construct selected recharge projects	New recharge projects	Technical support role	Yes, to the extent that additional recharge capacity is needed

*Phase Descriptions: S = Scoping PN = Evaluate need for project PAE = Project alternative evaluation I = Implementation



The full set of summary sheets can be found in the following link:

<http://www.cbwm.org/docs/OBMP%20Update/FINAL/LS6/LS6%20Activity%20Handouts.pdf>

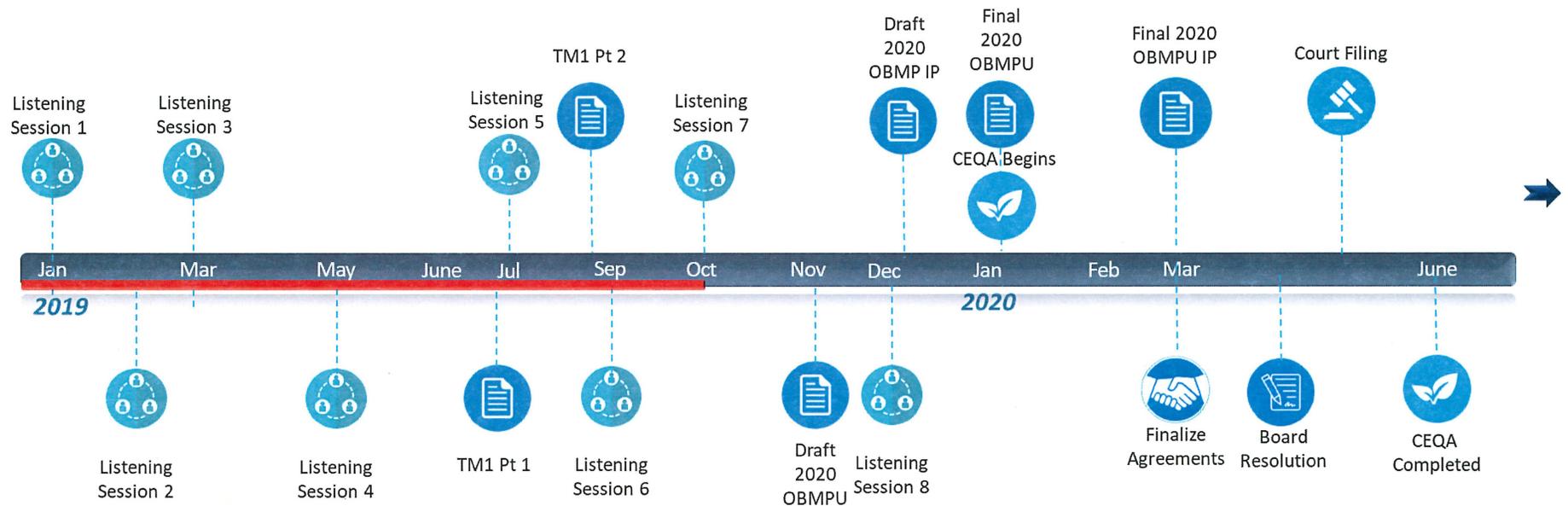
Currently Watermaster is utilizing stakeholder input to finalize the 2020 OBMP Update Scoping Report.

During the month of October, Watermaster will convene the Listening Session 7 that will focus on the integration of the current Program Elements in the 2000 OBMP Implementation Plan and the proposed activities in the 2020 OBMP Update Scoping Report.

2020 OBMP Update Process



Timeline





**Board of Directors
Staff Report**

To: TVMWD Board of Directors
From: Matthew H. Litchfield, General Manager 
Date: November 6, 2019
Subject: **Miragrand Well CEQA Update**

<input type="checkbox"/> For Action	<input type="checkbox"/> Fiscal Impact	<input type="checkbox"/> Funds Budgeted
<input checked="" type="checkbox"/> Information Only	<input type="checkbox"/> Cost Estimate:	\$

Requested Action:

No Action Necessary – Informational Item Only

Discussion:

Miragrand Well CEQA Documentation – Project No. 51992

The Draft Initial Study and Mitigated Negative Declaration (“IS/MND”) for the California Environmental Quality Act (“CEQA”) documentation was completed in late September and submitted to the appropriate agencies (i.e. the California State Clearinghouse and Los Angeles County Clerk’s office) and hard copies made available to view by the public at the Claremont public library and at the District office. In addition, an electronic copy of the IS/MND and public Notice of Availability has been posted on the District website at the start the 30-day public review and comment period which began on September 27 and ends on October 28, 2019.

Staff and the District’s environmental consultant have discussed the project with representatives of the Gabrieleno Band of Mission Indians and have revised the cultural resources mitigation measures based on the feedback they provided, thereby satisfying completion of AB52 consultation. In addition, staff has received public comments from the City of Claremont, MWD and some residents that live near the proposed project location. Upon completion of the 30-day public comment period, staff and the District’s environmental consultant will prepare written responses to fully address all public comments. The written responses to public comments will then be incorporated into the environmental documentation.

Staff will schedule a Public Hearing for the proposed project at the November 20, 2019 board meeting. If the Public Hearing is closed at the board meeting, the board will consider the CEQA documentation for approval and adoption as a separate action item .

Once the revised CEQA documentation is adopted by the board, a Notice of Determination (“NOD”) will be filed & posted with the Los Angeles County Clerk and California State Clearinghouse.

In addition, staff has continued its proactive public outreach activities by delivering meeting notices to nearby residents for a Neighborhood Meeting that was held at the District's office on October 24 from 6:00 to 7:00 pm. Staff provided additional project information and answered questions from residents who live within an approximate 500 foot radius of the proposed well site. Staff will continue these outreach efforts to inform the residents for what they can expect during the construction phase.

Strategic Plan Objective(s):

- 1.3 – Maintain diverse sources of water supplies and storage, and increase extractable water storage supplies to 10,000 AF.
- 1.4 – Capable of delivering 10,000 AFY from local sources in case of drought or catastrophe.
- 1.5 – Maintain water infrastructure to assure 100% reliability.
- 2.1 – Utilize 10,000 AF of well production to meet annual demands.
- 2.3 – Manage water infrastructure and staff operations to minimize costs.
- 3.3 – Be accountable and transparent with major decisions

Attachment(s):

None

Meeting History:

Board Meeting – September 4, 2019