CALL TO ORDER

FLAG SALUTE

PUBLIC COMMENTS

Members of the public may address the Board on any item that is within the jurisdiction of the Board; however, no action may be taken on any item not appearing on the agenda unless the action is otherwise authorized by Subdivision (b) on Section 54954.2 of the Government Code. Those persons wishing to address the Board on any matter, whether or not it appears on the agenda, are requested to complete and submit to the Board Secretary a “Request to Speak” from which are available on the table in the Board Room. Comments will be limited to three minutes per speaker. Thank you

ADDITIONS TO THE AGENDA

In accordance with Section 54954.2 of the Government Code (Brown Act), additions to the agenda require two-thirds vote of the legislative body, or, if less than two-thirds of the members are present, a unanimous vote of those members present, that there is need to take immediate action and that the need for action came to the attention of the local agency subsequent to the agenda being posted.

1. INFORMATION ITEMS
   A. OPTIMUM BASIN MANAGEMENT PROGRAM UPDATE
   B. INTEGRATED WATER RESOURCES PLAN – PHASE II
   C. CHINO BASIN PROGRAM
2. BOARD MEMBER COMMENTS

3. OTHER BUSINESS

4. ADJOURN

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Board Secretary (909-484-3888), 48 hours prior to scheduled meeting so that the Agency can make reasonable arrangements.

Declaration of Posting

I, April Woodruff, Board Secretary/Office Manager of the Inland Empire Utilities Agency, A Municipal Water District, and Anna Nelson, Board Clerk/Executive Services Director, of the Chino Basin Watermaster hereby certify that a copy of this agenda has been posted by 5:30 p.m. at the Agency’s main office, 6075 Kimball Avenue, Building A, Chino, CA and at the Chino Basin Watermaster’s main office, 9641 San Bernardino Road, Rancho Cucamonga, CA on Thursday, June 20, 2019.

Proofed by: ____
Agenda

• Introductions
• Meeting purpose
• OBMP | IRP | CBP Systems schematic
• OBMP Presentation
• IRP Presentation
• CBP Presentation
• Look Ahead Schedule
Meeting Purpose
Optimum Basin Management Program Update (OBMPU)
History of the OBMP and its implementation

• Why was the OBMP created?

• How did we develop and implement it?

• What did we accomplish in implementing the OBMP?
Why was the OBMP created?

• Paragraph 41 of the Judgment provides that “Watermaster, with advice of the Advisory and Pool Committees, is granted discretionary powers in order to develop an optimum basin management program for Chino Basin, including both water quantity and quality considerations.”

• Confronted with the then-existing challenges and opportunities facing the Basin, Judge Gunn ordered Watermaster to complete an OBMP by June 30, 2000.
Accomplishments

- Storm and Supplemental Water Recharge
- Subsidence Management Plan
- Basin Plan Update / Maximum Benefit
- Recycled Water Recharge and Direct Use
- Desalters
- Hydraulic Control
- Storage and Recovery (e.g. Dry Year Yield)
Exhibit 1 – Drivers and Trends and Their Implications
2020 OBMP Update
2020 OBMP Goals

- Enhance Basin Water Supplies
- Protect and Enhance Water Quality
- Enhance Management of the Basin
- Equitably Finance the OBMP
Develop Scope of OBMP Update

Prepare TM 1

Prepare TM 2

Develop OBMP Implementation Plan

Prepare Draft Storage Management Plan

Prepare Final Storage Management Plan

OBMPU Completion

IEUA/TVMWD OBMPU Resolution

SMP1

SMP2

SMP3

Today

Jun 2019

Aug 2019

Jul 2019

Jun 2019

Aug 2019

Sep 2019 - Jan 2020

May 2019 - Jan 2020

Mar 2019 - Jul 2019

Sep 2018 - Feb 2020

2018

2019

2020

Sep

Nov

Jan

Mar

May

Jun

Jul

Aug

Sep

Nov

Jan
Foundational Documents

- Organics Management Strategy (2002)
- Recycled Water Implementation Plan (2005)
- Salinity Management Plan (2002)
- Recharge Master Plan Updates (2010, 2013, 2018)
- Facilities Master Plan Update (2015)
- Recycled Water Program Strategy (2015)
Integrated Water Resources Plan

**Key Goals:**
- Regional long-term implementation strategy
- Strategically position the region for funding opportunities

**Background:**
- Evaluated growth, development, and water demand patterns
- Assessed water needs and supplies
- Phase 2 is a continuation of the 2015 IRP

**Modeling Scenarios:**
1) Loss of imported water supply (long-term shutdown)
2) % Loss of imported water from MWD allocation
3) Multi-year drought
4) Water quality impairment
5) Water movement/management (hybrid)
Project Concepts Snapshot

- WFA – TVMWD Interconnection
- Devil Canyon – Azusa Pipeline Connection
- CBP Network
- Interconnections with FWC to transfer water from N to S
- Colorado River Connection Upgrade & Treatment
- SBVMWD External Water Supply and Conveyance
- Advanced Water Treatment Facilities
- Centralized Groundwater Treatment Facilities
- Pomona External Water Supply
- JCSD/WMWD External Water Supply

Initial Project Concepts

- Storage
- Interconnection
- Imported Water Reliability
- Groundwater Wells
- Groundwater Treatment
- Groundwater Recharge
- External Water Supply
- Conveyance Systems
- AWT Facilities

66 Project Concepts Identified

0 5 10 15 20

# OF PROJECTS
Major Regional Program Funding

Funding Opportunities:
- Title XVI Water Reclamation and Reuse
- WaterSMART Program
- Integrated Regional Water Management
- State Revolving Fund Program
- Proposition 1, Proposition 68, Future Propositions
- Future Programs

Almost 40% grant funding

Funding Summary 2000 - Present

<table>
<thead>
<tr>
<th>Project</th>
<th>Grant Funding</th>
<th>Low-Interest Loans</th>
<th>Remaining Costs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chino Desalts (Desalts I &amp; II, Phase 3 Expan.)</td>
<td>$142</td>
<td></td>
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<td>Recycled Water Infrastructure</td>
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<td>Recharge Master Planning</td>
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<td>$16</td>
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</table>

Almost 40% grant funding
Overview for the CBWM/IEUA Ad Hoc Committee
Now is the Time to Make Every Drop Count

IEUA’s Largest Funding Award

$207 million
Award toward $385M project.

54%
of CBP capital funded

Up to 15 TAF annually of advanced treated recycled water

8 years earlier
So-Cal / Nor-Cal Water Exchange release flows to support Feather River in dry years, 7.5 times over 25 years.

CBP Operations

Oroville Reservoir

to Bay Delta

CBP water stored under its own Storage and Recovery Application

State investment in local projects to facilitate exchange with State Water Contractor

ADVANCED WATER TREATMENT PLANT
Now is the Time to Make Every Drop Count

CBP Operation & Local Benefits

15,000 AF/Y Advanced Water Treatment Facility
water stored in the Chino Basin

Opportunity to accelerate needed infrastructure upgrades and address stranded assets

Potential to reduce TDS in local supplies

Intra-Basin Pipeline Connection for added flexibility and sharing among Member Agencies

Proactively address subsidence concerns
# CBP Collaboration Essential for Success

## Member Agencies

**CBP Workgroup**

- **Goal:** Collaborative Process for Decision Making
- **Result:** Commitments and Terms by mid-2019

## Watermaster

**Reoccurring Meetings**

- **Goal:** In Line with OBMP
- **Result:** Collaborative Basin Management

## MWD

- **Goal:** Refine and Develop Project Operations
- **Result:** Commitments and Terms for Project Operations

## Environmental

- **Goal:** OBMP Programmatic EIR and CBPs PEIR
- **Result:** PEIR Aligned with Adopted Master Plans
CBP Schedule

**TASK**

Planning Studies and Pre-Design

- Preliminary Design Report
- CBP Workgroup / Commitment
- Financial Analysis

Storage and Recovery Application

Environmental and Permitting

Agreement Engagement

2018 2019 2020 2021

Proceed with Funding Agreement
Look Ahead: 12-18 Months

**OBMPU**
- June 2019: Draft SMP
- Aug 2019: Joint IEUA/CBWM Board Meeting
- Oct 2019: Model Scenarios
- Dec 2019: Final SMP
- Feb 2020: Draft TM-2
- Apr 2020: Joint Board Mtg #2
- June 2020: Finalize Agreements
- Aug 2020: CEQA Begins
- Oct 2020: Court Filing
- Dec 2020: CEQA Completed

**IRP**
- June 2019: Joint IEUA/CBWM Board Meeting
- Aug 2019: Model Projects
- Oct 2019: Joint Board Mtg #2
- Dec 2019: CEQA Begins
- Feb 2020: Prioritize Regional Projects
- Apr 2020: Pursue Funding Opportunities
- June 2020: Joint IEUA/CBWM Board Meeting
- Aug 2020: Local Agency Agreements (Phase I)
- Oct 2020: SWC/DWR Operations Agreement
- Dec 2020: Funding Agreement & Design/Construction (2026)

**CBP**
- June 2019: Agency Workgroup MOU Signed
- Aug 2019: Final Rate Study
- Oct 2019: Water Sources Agreement
- Dec 2019: PDR
- Feb 2020: Alternatives Recommendation
- Apr 2020: CBP Funding Plan
- June 2020: Local Agency Agreements (Phase I)
- Aug 2020: CBP Funding Plan
- Oct 2020: Final PDR
- Dec 2020: CBP Storage & Recovery Application Submitted