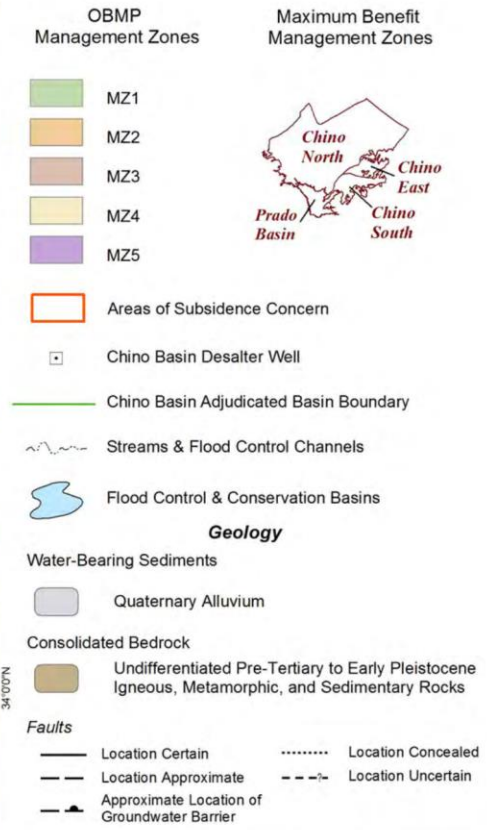
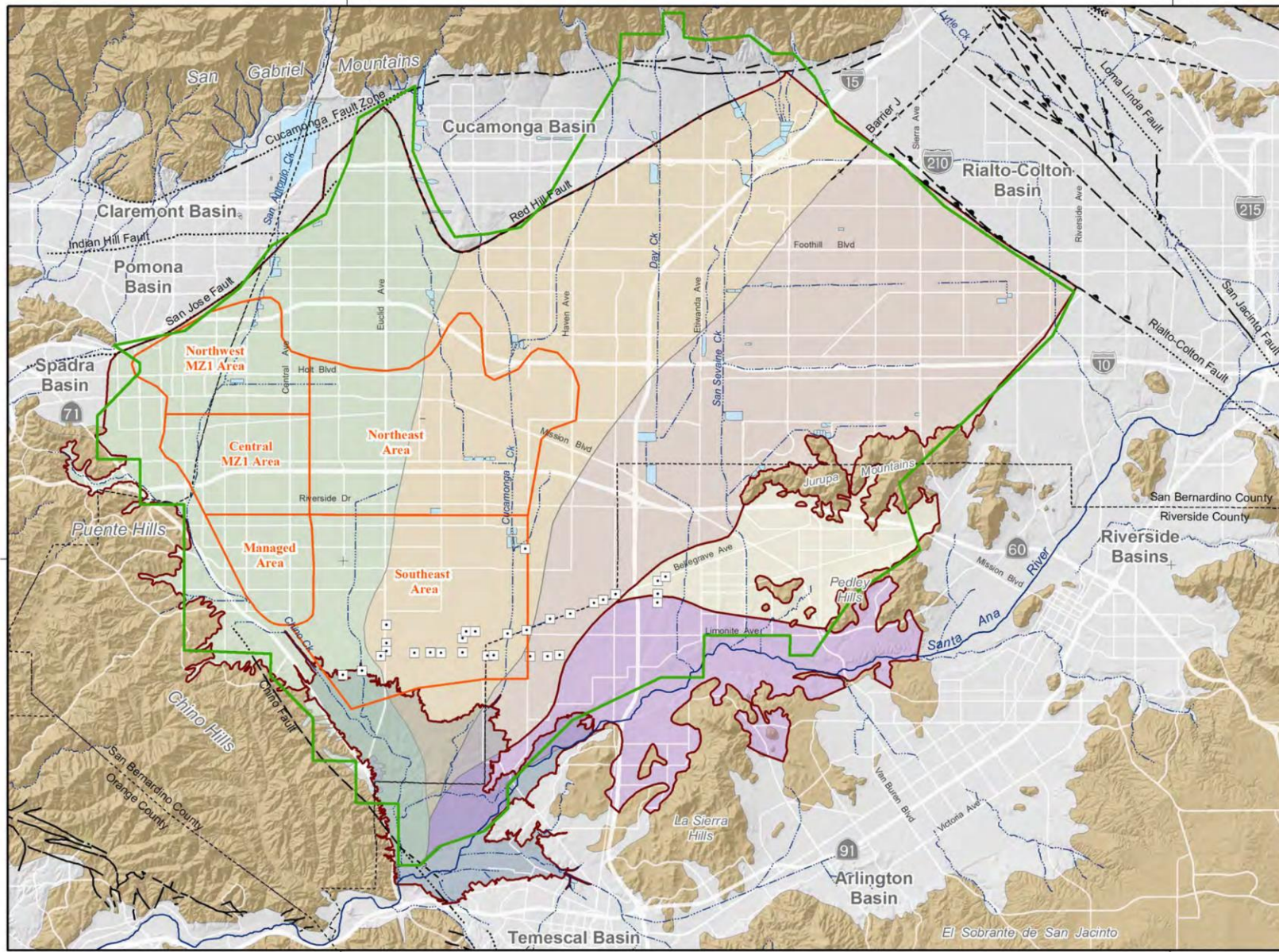


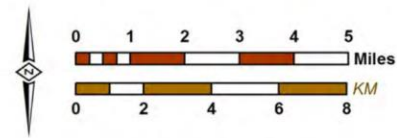
# CHINO BASIN WATERMASTER 2020 OPTIMUM BASIN MANAGEMENT PROGRAM (OBMPU) UPDATE

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Prepared for:  
**OBMP 2020 Update**  
 Project Description



**Chino Basin**  
 OBMP Management Zones, Maximum Benefit Management Zones and Areas of Subsidence Concern

**Figure 1-1**



# OBMPU

## PURPOSE AND OBJECTIVES

The 2020 OBMPU's goals remain the same as the 2000 OBMP's goals:

**Goal No. 1 - Enhance Basin Water Supplies.** The intent of this goal is to increase the water supplies available for Chino Basin Parties and improve water supply reliability. This goal applies to Chino Basin groundwater and all other sources of water available for beneficial use.

**Goal No.2 - Protect and Enhance Water Quality.** The intent of this goal is to ensure the protection of the long-term beneficial uses of Chino Basin groundwater.

**Goal No.3 - Enhance Management of the Basin.** The intent of this goal is to encourage sustainable management of the Chino Basin to avoid Material Physical Injury, promote local control, and improve water-supply reliability for the benefit of all Chino Basin Parties.

**Goal No. 4 - Equitably Finance the OBMP.** The intent of this goal is to identify and use efficient and equitable methods to fund OBMP implementation.

# OBMPU BASIC FACTS

<b>1. WHAT IS THE OBMP?</b>	<b>The Optimum Basin Management Program (OBMP) is a regional water resources and groundwater management program for the Chino Basin.</b>
<b>2. WHAT DOES THE UPDATE ADDRESS?</b>	<b>The OBMPU is intended to address possible program activities &amp; projects at a programmatic level over the next 30 years, with some site-specific detail where near-term future locations of facilities are known.</b>
<b>3. WHY IS THE OBMPU BEING UPDATED?</b>	<ol style="list-style-type: none"><li><b>1. The understanding of the hydrology and hydrogeology of the Chino Basin has substantially improved, which warrants a revision of the OBMP for the benefit of the Chino Basin parties.</b></li><li><b>2. Updated programs, such as the Updated Storage Management Plan, have been identified that will affect most of the OBMP Program Elements.</b></li><li><b>3. There are new water management issues have been identified that necessitate adapting the OBMP to protect the collective interests of the Chino Basin parties and their water supply reliability. Specific examples include: adaptation to climate change (including future drought conditions); focused management activities to address salt balance in the Chino Basin; and the emergence of environmental management issues affecting the whole of the Upper Santa Ana River Watershed.</b></li><li><b>4. State and federal agencies that provide funding for water management projects typically want to have an environmental document that contains a <u>current</u> environmental data base on which to base future funding.</b></li></ol>
<b>4. WHO WILL IMPEMENT THE OBMPU?</b>	<b>Since the Inland Empire Utilities Agency (IEUA) has jurisdiction throughout most of the Chino Basin, it has agreed to serve as the Lead Agency for purposes of complying with the California Environmental Quality Act (CEQA). The CBWM and parties/stakeholders of the OBMPU and regulatory agencies that will function as CEQA Responsible Agencies will have the option of relying upon this CEQA document for any future actions they take in support of the proposed program or an individual project described in this environmental document.</b>

# OBMPU PROGRAM ELEMENTS

<b>PROGRAM ELEMENT 1</b>	<b><i>Develop and Implement Comprehensive Monitoring Program</i></b> — To collect the data and information necessary to support the implementation of all other OBMP PEs and to satisfy other regulations and Watermaster’s obligations under its agreements, Court orders, and CEQA.
<b>PROGRAM ELEMENT 2</b>	<b><i>Develop and Implement Comprehensive Recharge Program</i></b> — To increase stormwater recharge to offset the recharge lost due to channel lining, to ensure there will be enough supplemental water recharge capacity available to Watermaster to replenish overdraft, and to maximize the recharge of recycled and supplemental waters to protect or enhance Safe Yield.
<b>PROGRAM ELEMENT 3</b>	<b><i>Develop and Implement a Water Supply Plan for Impaired Areas</i></b> — To maintain and enhance Safe Yield and maximize beneficial uses of groundwater.
<b>PROGRAM ELEMENT 4</b>	<b><i>Develop and Implement Comprehensive Groundwater Management Plan for Management Zone 1</i></b> — To characterize land subsidence spatially and temporarily, identify its causes, and, where appropriate, develop and implement a program to manage it.

List of facilities to be evaluated in CEQA	PE1	PE2	PE4	PE5	PE6	PE7	PE8/9
New monitoring wells	✓	✓	✓	✓	✓	✓	✓
New surface water and groundwater recharge monitoring facilities	✓	✓					✓
New meteorological monitoring facilities	✓	✓					✓
New meter installation at pumping wells	✓						
New extensometers	✓		✓				✓
New benchmarks	✓		✓				✓
New stormwater diversion, storage, transfer and recharge facilities		✓	✓	✓			✓
CIM storage facilities*		✓	✓	✓			✓
Flood MAR*		✓	✓	✓			✓
Regional conveyance:*		✓	✓	✓			✓
Lower Cucamonga Basin		✓		✓			✓
Mills Wetlands		✓		✓			✓
Riverside Basin		✓		✓			✓
Vulcan Basin *		✓		✓			✓
Confluence Project*		✓		✓			✓
Injection wells*		✓	✓	✓			✓
Treatment (for some sources)*		✓	✓	✓			✓
Restore WFA Agua de Lejos Treatment Plant capacity for in-lieu recharge		✓	✓	✓			✓
MS4 recharge project incentives		✓	✓				✓
Relocate pumping from MZ1 to MZ2/3 and southern portion of the Chino Basin and/or increase recharge in MZ1			✓				✓
New production wells*			✓				✓

# OBMPU PROGRAM ELEMENTS

<b>PROGRAM ELEMENT 5</b>	<b><i>Develop and Implement Regional Supplemental Water Program</i></b> — To improve regional conveyance and the availability of imported and recycled waters throughout the basin.
<b>PROGRAM ELEMENT 6</b>	<b><i>Develop and Implement Cooperative Programs with the Regional Board and other Agencies to Improve Basin Management</i></b> — To assess water quality trends in the basin, to evaluate the impact of OBMP implementation on water quality, to determine whether point and non-point contamination sources are being addressed by water quality regulators, and to collaborate with water quality regulators to identify and facilitate the cleanup of soil and groundwater contamination.
<b>PROGRAM ELEMENT 7</b>	<b><i>Develop and Implement Salt Management Plan</i></b> — To characterize current and future salt and nutrient conditions in the basin and to subsequently develop and implement a plan to manage them.
<b>PROGRAM ELEMENT 8</b>	<b><i>Develop and Implement Groundwater Storage Program</i></b> — To implement, and periodically update, a storage management plan that: (1) is based on the most current information and knowledge of the basin, (2) prevent unauthorized overdraft, (3) prioritize the use of storage space to meet the needs and requirements of the lands overlying the Chino Basin and of the Parties over the use of storage space to store water for export.
<b>PROGRAM ELEMENT 9</b>	<b><i>Develop and Implement Conjunctive Use Program</i></b> — To support the development and implementation of Storage and Recovery Programs in the Chino Basin that provide defined benefits to the Parties and the basin.

List of facilities to be evaluated in CEQA	PE1	PE2	PE4	PE5	PE6	PE7	PE8/9
Acquire supplemental water supplies*		✓		✓			
Regional conveyance				✓			✓
New dedicated regional conveyance facilities				✓			✓
North-south pipeline*				✓			✓
East-west pipeline*				✓			✓
Incorporate local conveyance facilities into a regional conveyance system*				✓			✓
Maximize recycled water reuse				✓			
Expand system for indirect reuse*				✓			
Advanced water treatment*				✓		✓	
Direct potable use*				✓			
New regional groundwater treatment plants (up to 10 mgd for local use; up to 30 mgd for export)*				✓	✓		✓
Expansion of existing groundwater treatment plants*				✓	✓		✓
Upgrade recycled water treatment plant to desalt effluent*						✓	
Maintain or increase groundwater pumping in Chino Creek Well Field (CCWF) area:							
New production wells in CCWF area*						✓	✓
Acquire wells in CCWF area*						✓	✓
New ASR wells in MZ2/3 north of Highway 60*							✓



# OBMPU TENTATIVE SCHEDULE

- ❖ **Notice of Preparation (NOP) distributed on February 10, 2020**
- ❖ **Scoping Meeting held on February 27, 2020**
- ❖ **End of NOP review period, March 10, 2020**
- ❖ **Tentative public distribution date for the Draft EIR mandatory 45-day public review, March 20, 2020**
- ❖ **Tentative close of the Draft EIR public review period, May 4, 2020**
- ❖ **Tentative publication date for the Final EIR, May 20, 2020**
- ❖ **Inland Empire Utilities Agency (IEUA) Public Hearing by the IEUA Board, tentatively: June 3, 2020**