

# Water Reclamation Plant No. 4 Non-Potable Water Improvements Project

## Draft EIR Public Meeting

August 26, 2025



### Our Mission

To meet the water-related needs of the people through dedicated employees, providing high quality water at a reasonable cost.

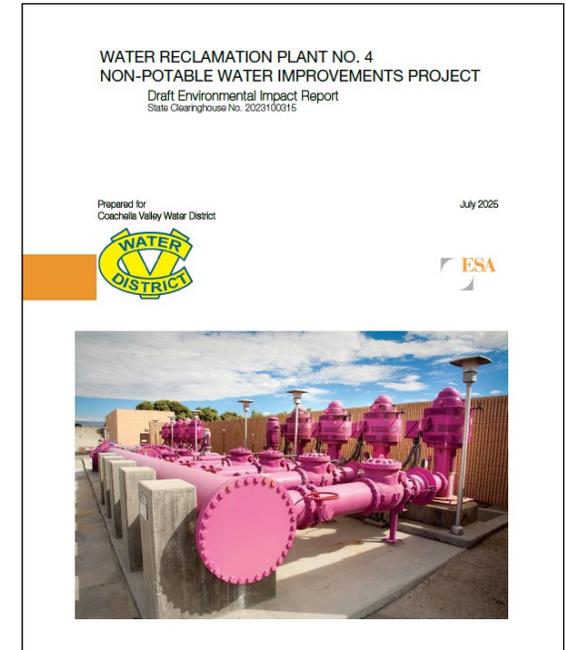
# Presentation Overview

- Purpose of Meeting
- Coachella Valley Water District (CVWD) Overview
- Project Description
- California Environmental Quality Act (CEQA) Overview
- Draft EIR Contents and Key Findings
- Public Comments

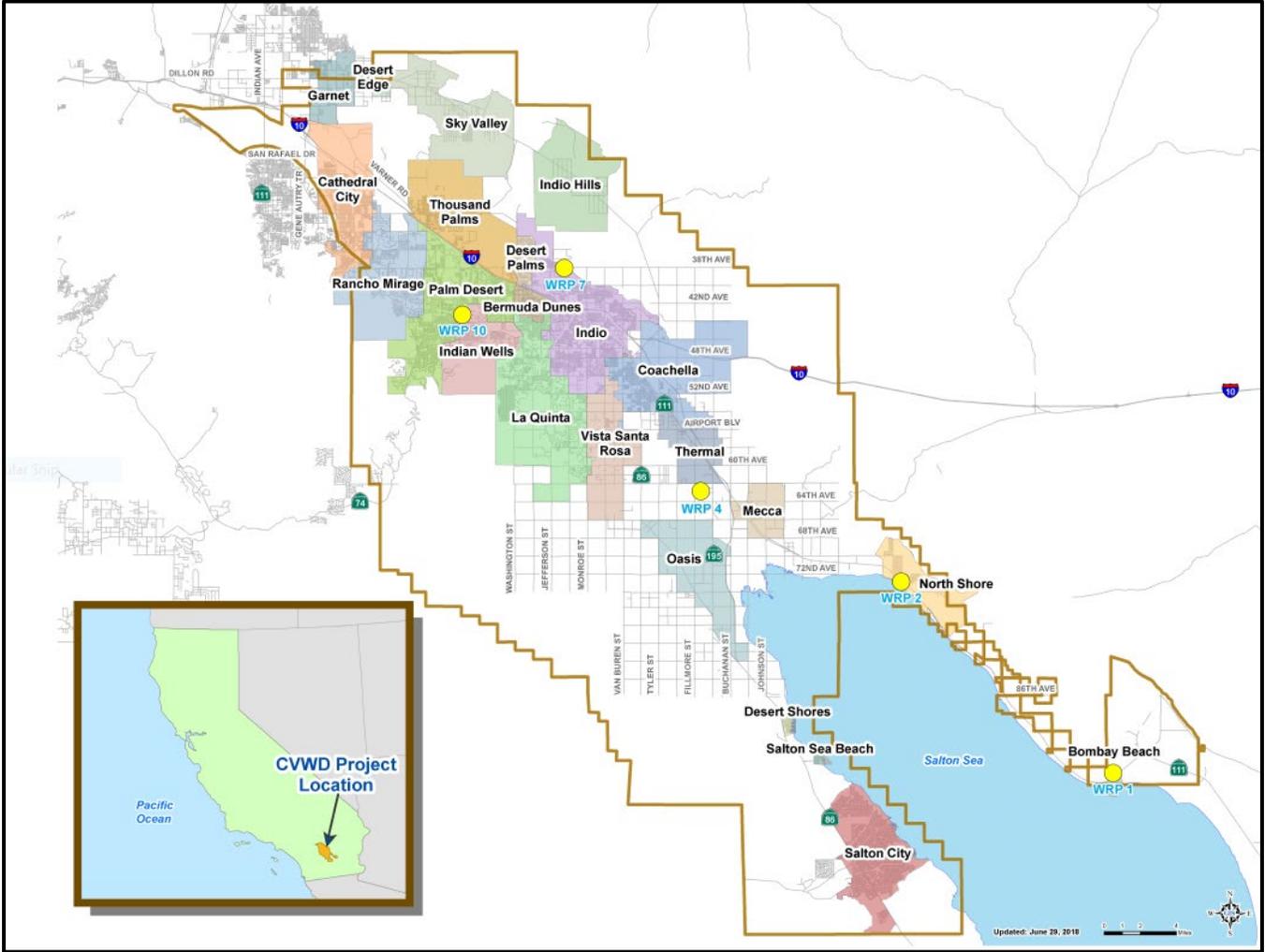


# Purpose of Meeting

- **Draft Environmental Impact Report (EIR)**
  - Notify the public that CVWD as Lead Agency CEQA has prepared an EIR for the **WRP 4 Non-Potable Water Improvement Project**.
  - 45-day public review and comment period from July 30 through September 15, 2025.
- **Public Comment**
  - The goal of the public meeting is to provide stakeholders, agencies and the public with an opportunity to provide comments on the content and analyses included in the DEIR.



# Coachella Valley Water District Overview



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# Coachella Valley Water District Overview

## CVWD Services

- Delivery of irrigation and domestic (drinking) water
- Wastewater collection and treatment
- Regional stormwater protection
- Groundwater replenishment
- Water conservation

## Existing Facilities

- 5 water reclamation plants (WRPs: 1, 2, 4, 7, and 10)
  - Currently, only WRP 7 & WRP 10 are equipped with tertiary treatment systems and produce non-potable water
- 1,130 miles of sanitary sewer pipelines (gravity and force mains)
- More than 30 lift stations to collect and transport wastewater

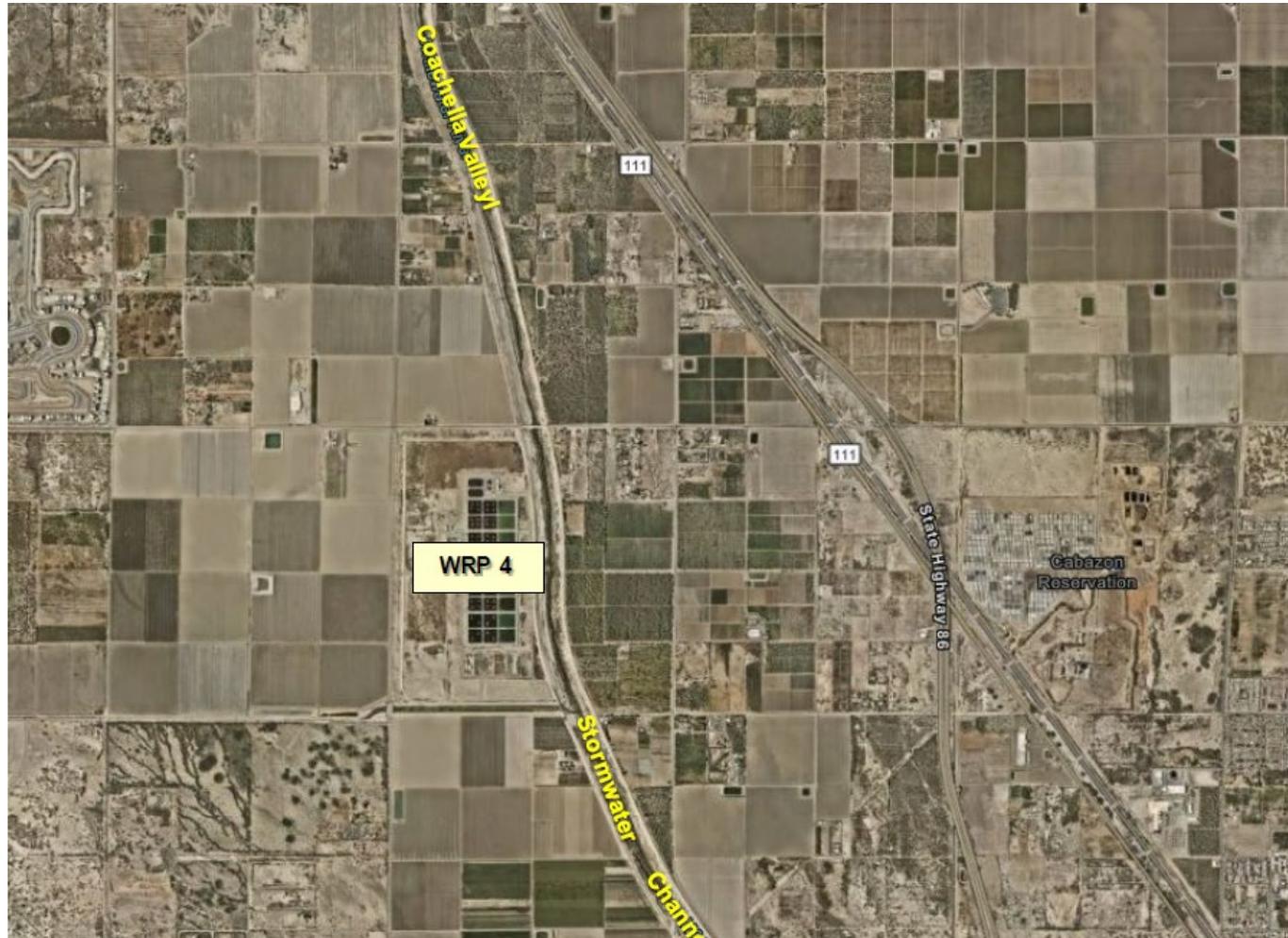


# Project Objectives

- The WRP 4 Non-Potable Water Improvement Project would benefit CVWD and the region by conserving groundwater and Colorado River water and providing irrigation customers with recycled water supplies around WRP 4.
- Project Objectives:
  - Be consistent with the 2022 Indio Subbasin Water Management Plan Update: Sustainable Groundwater Management Act Alternative Plan, which has the following objectives: meet current and future water demands, avoid chronic groundwater overdraft, and reduce vulnerability to climate change and drought impacts while complying with the requirements of SGMA;
  - Support Lower Colorado River Basin State efforts to provide Colorado River water conservation in a timely manner to address the Colorado River water supply shortages;
  - Provide an alternate water supply for local irrigation that is not local groundwater or imported Colorado River water;
  - Upgrade recycled water treatment at WRP 4 and conveyance facilities to serve agricultural users as well as other landscape irrigation customers in the CVWD service area;
  - Optimize use of recycled water for beneficial uses in an environmentally sound and cost efficient manner;
  - Reduce pollutant discharges to receiving waters.



# Aerial Photograph – Existing WRP 4 Facility



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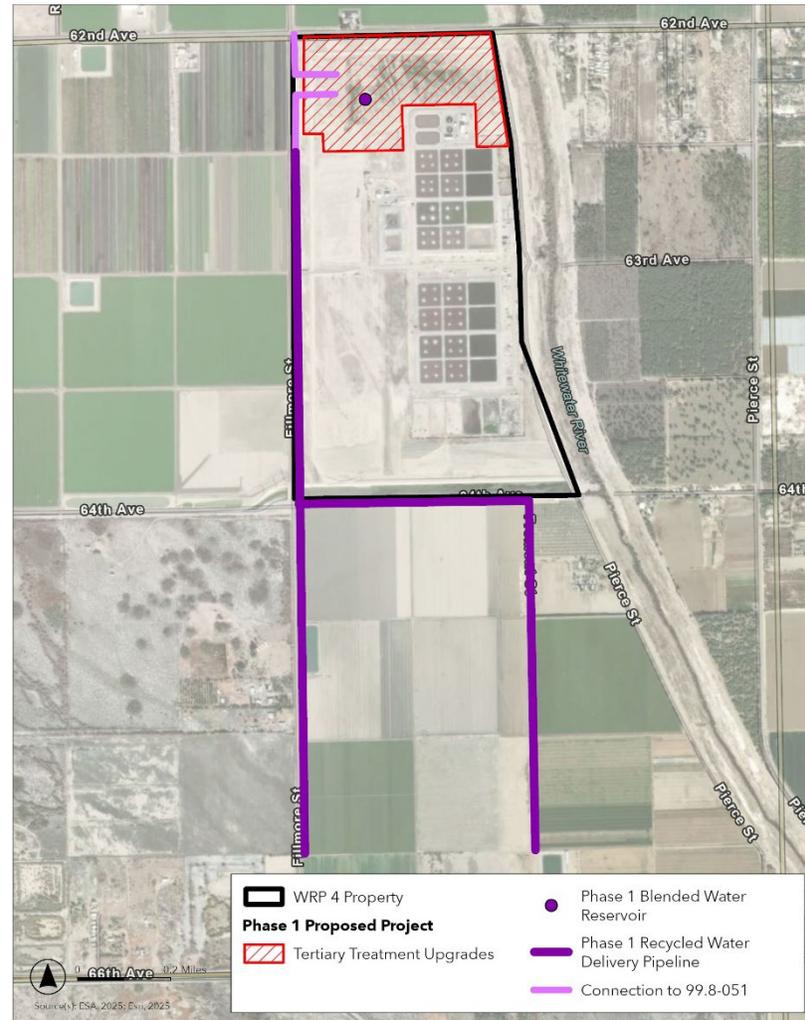
# Project Description

	Tertiary Treatment Capacity	Total Recycled Water Capacity	Construction Years
Phase 1	1 MGD	1 MGD	2026 to 2028
Phase 2	1.5 MGD	2.5 MGD	2028 to 2030
Phase 3	7.5 MGD	Up to 10 MGD	2031 to 2045

Construct new water distribution pipelines to deliver non-potable water to irrigation customers

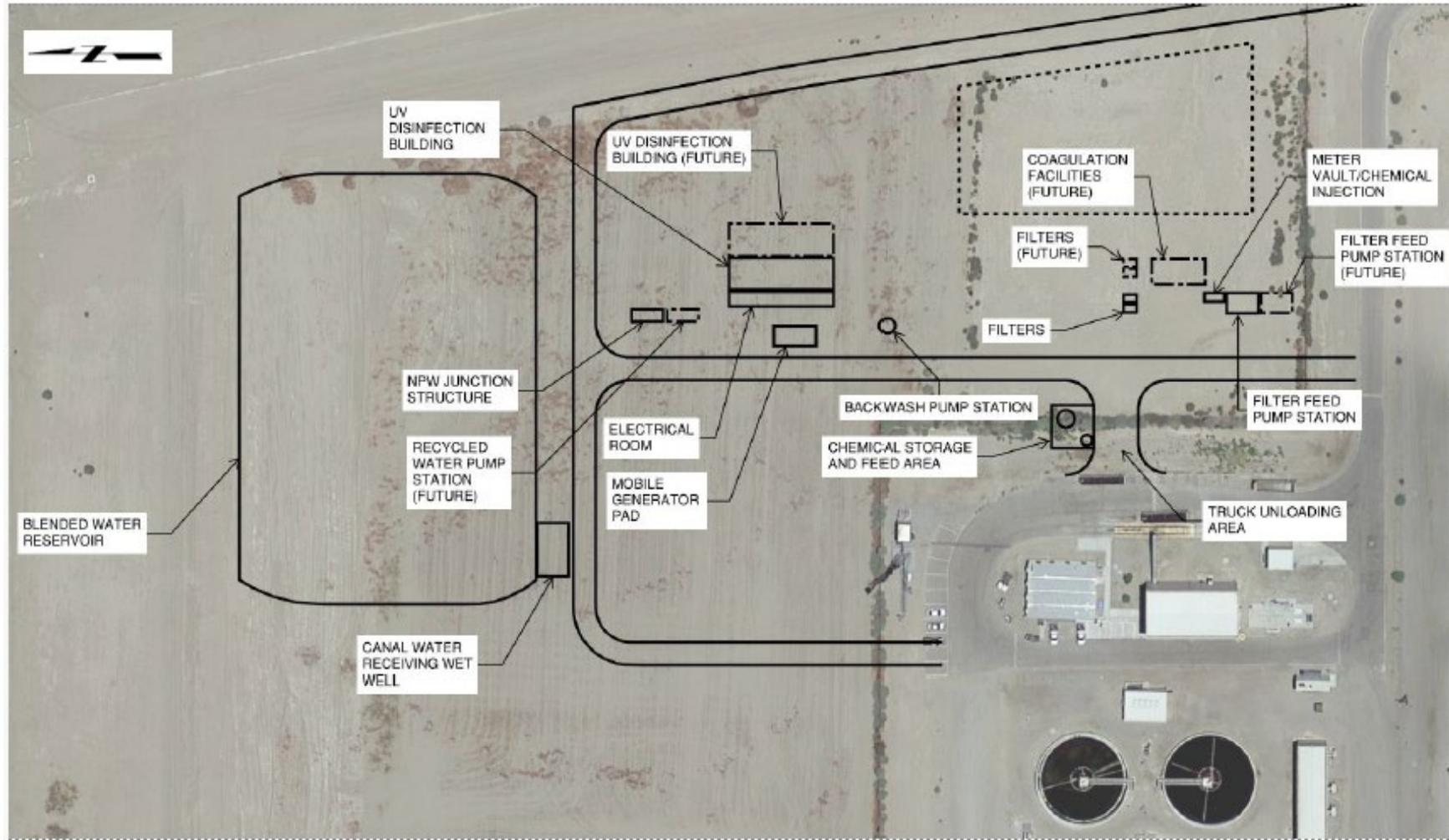


# Project Location: Phase 1

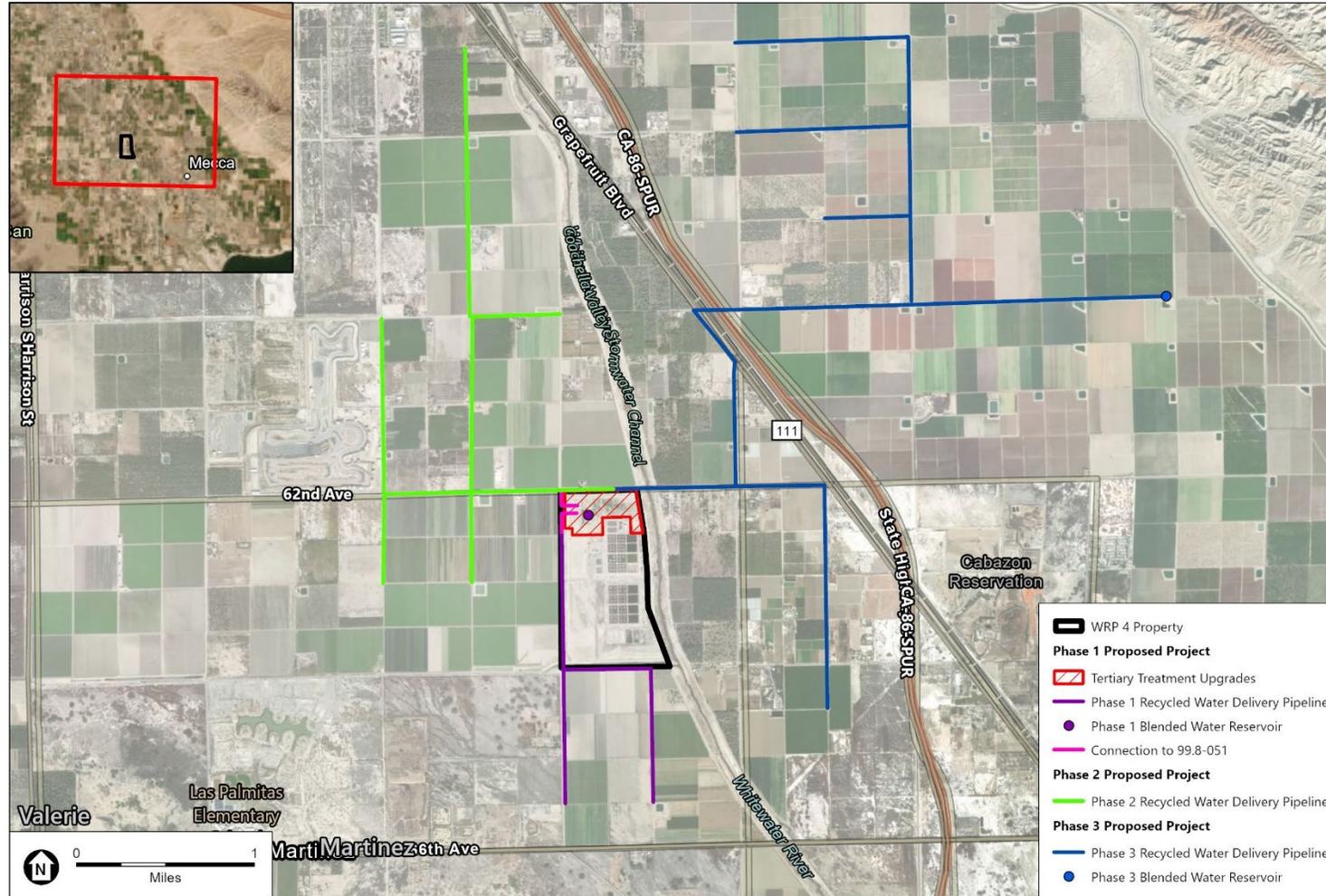


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# Phase 1 Project Layout



# Project Location Map



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# California Environmental Quality Act (CEQA)



**Identify impacts to the environment**

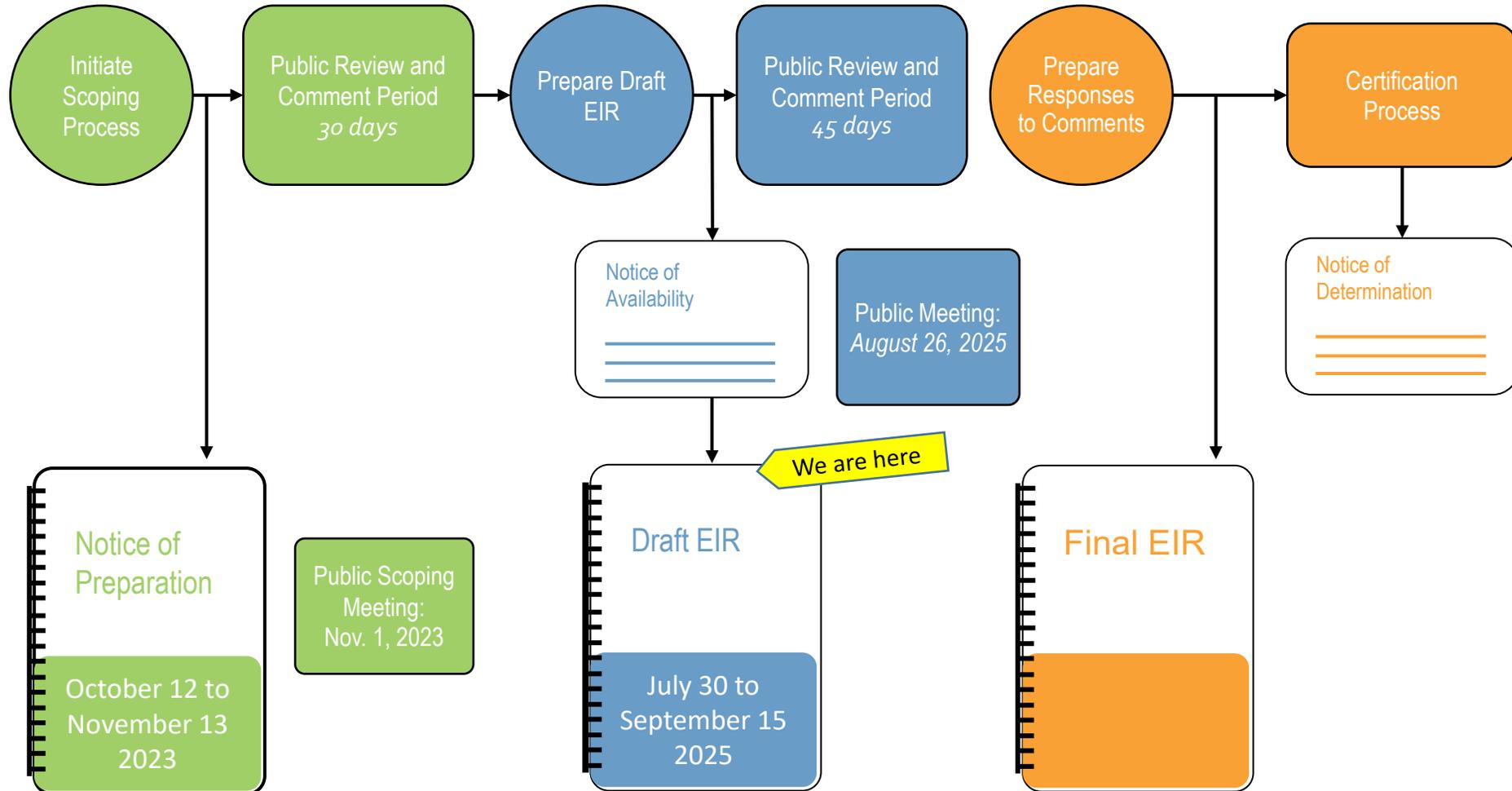


**Identify feasible mitigation**



**Consider impacts before project approval**

# CEQA Process for the WRP 4 EIR



# Contents of the Draft EIR

- **Executive Summary**
- **Chapter 1: Introduction**
- **Chapter 2: Project Description**
- **Chapter 3: Environmental Setting, Impact Analysis, and Mitigation Measures**
  - Aesthetics
  - Agriculture
  - Air Quality/ Greenhouse Gas
  - Biological Resources
  - Cultural Resources
  - Energy
  - Geology & Soils
  - Hazards & Hazardous Materials
  - Hydrology & Water Quality
  - Land Use
  - Noise
  - Transportation
  - Tribal Cultural Resources
- **Chapter 4: Growth Inducement**
- **Chapter 5: Alternatives Analysis**
- **Chapter 6: CEQA Plus Considerations**
- **Appendices**



# Construction Impact Analysis

- **Key Issues**

- Air Quality
- Biological Resources
- Cultural Resources
- Noise
- Traffic
- Tribal Cultural Resources

- **DEIR Technical Appendices**

- *Air Quality Emissions*
- *Biological Resources Technical Report*
- *Tribal Consultation*



**With implementation of mitigation measures,  
impacts would be less than significant**

# Construction-Related Mitigation Measures

- **Air Quality and Greenhouse Gas Emissions**
  - AQ-1: Valley Fever.
- **Biological Resources**
  - BIO-1: Nesting Birds
  - BIO-2: Burrowing Owl
  - BIO-3: Nighttime Lighting
  - BIO-4: General Avoidance and Minimization Measures
  - BIO-5: Bats
- **Cultural Resources**
  - CUL-1: Cultural Resources Sensitivity Training
  - CUL-2: Unanticipated Find Protocol
  - CUL-3: Treatment Plan Development
  - CUL-4: Final Monitoring Report
  - CUL-5: Human Remains
- **Hazards and Traffic**
  - TRA-1: Traffic Control Plan
- **Noise**
  - NOISE-1: Construction Noise
- **Tribal Cultural Resources**
  - TCR-1: Native American Monitor

**With implementation of mitigation measures, impacts would be reduced to a less than significant level**



# Operational Impact Analysis

- **Key Issues**
  - Reduced flow to CVSC would not reduce riparian habitat or adversely impact sensitive species
- **DEIR Technical Appendices**
  - *Hydro 1 Appendix: Modeling the Potential Effects of Flow Reductions from WRP 4 on Downstream Channel Hydrology and Riparian Vegetation*



**No mitigation measures are required and impacts would be less than significant**



# Salton Sea Impact Analysis

- **Key Issues**

- Reduced flows to Salton Sea would not result in reduction of riparian habitat or adversely effect sensitive species or water quality
- While reduced flow could lower sea elevation contributing to exposed playa that causes increased dust emissions, the project's contribution is minor, and no additional playa would be exposed beyond what is planned for in the Salton Sea Management Plan and Long-Range Plan.

- **DEIR Technical Appendices**

- *Hydro 2 Appendix: Applying the Salton Sea Accounting Model (SSAM) to the CVWD WRP 4 Recycled Water Project*



**No mitigation measures are required and impacts would be less than significant**

# Alternatives Analysis

An EIR must describe a reasonable range of alternatives to a project that could feasibly attain most of the basic project objectives, and would avoid or substantially lessen the project's significant environmental effects.

## Project Alternatives Analyzed

- No Project
- Phase 1 Only (**Environmentally Superior Alternative**)
- Phase 1 & 2 Only
- Growth Flows since 2016
- Future Growth Flows
- Conservation Only Alternative  
**(Alternative Considered but Rejected as Infeasible and Not Capable of Meeting Project Objectives)**



# Public Comments on DEIR

## Draft EIR Review

- **Website:** <https://www.cvwd.org/642/Water-Reclamation-Plant-No-4-WRP-4-Non-P>
- **Libraries:** Indio, La Quinta and Coachella
- **CVWD's Office**

## Written Comments

***by September 15, 2025***

Coachella Valley Water District

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