Welcome

Meeting Agenda:

• 10:00 AM – Sign-In, Open House & Refreshments
• 10:30 AM – Project Presentation
• 11:00 AM – Question & Answer Panel Session
• 12:30 PM – Open House
• 1:00 PM – Meeting Close
West Basin Municipal Water District

Mission:
Provide a Safe and Reliable Supply of High Quality Water to Communities we Serve

Services:
- Imported potable water
- Recycled water
- Conservation

West Basin Supplies:
- 1 Drinking
- 1 Non-drinking

Water Supply Portfolio Diversification

Pre-1947
100% Groundwater (Retailers and Cities)

1990
80% Imported Water (West Basin)
20% Groundwater (Retailers and Cities)

Current
55% Imported Water (West Basin)
19% Groundwater (Retailers and Cities)
9% Recycled Water (West Basin)
16% Conservation (West Basin + Retailers)
0.4% Brackish Desal (Retailer)

West Basin Supplies:
- 1 Drinking
- 1 Non-drinking
Potential Water Supply 2025

- **West Basin Supplies:**
  - 2 Drinking
  - 1 Non-drinking

- **Imported Supply:**
  - Reduction from 55%

**Source:** 2015 West Basin Urban Water Management Plan

Conservation Programs

- Distributed over 300,000 water-saving devices
- 300% return on investments for our customers
- Conserved more than 167 billion gallons of potable water
Water Recycling

Edward C. Little Water Recycling Facility
El Segundo, Calif.

- Nearly 200 billion gallons of water produced
- Over 13,000 visitors annually
- Five "designer" waters

PROJECT OVERVIEW
Project Objectives

• Diversify West Basin’s water source portfolio to increase reliability in the near and intermediate term (5–15 years) and the long term (15–30 years) while reducing reliance on imported water.

• Improve water security through West Basin’s increased local control of water supplies and infrastructure.

• Improve West Basin’s local control of future water costs and long-term price stability.

• Improve climate resiliency by developing a water source that is less susceptible to hydrologic variability.

• Develop a potable water supply that is economically viable and environmentally responsible.

Project Overview

Key Project Components
• Onshore Treatment Facility
• Offshore Ocean Water Intake
• Offshore Concentrate Discharge
• Onshore Product Water Delivery

Capacity
• Local Project: 20 MGD (Initial)
• Regional Project: 60 MGD (Potential Expansion)
Project Overview

Ocean Water Desalination Facility
- Pre-treatment
- Reverse Osmosis
- Post-Treatment
- Disinfection

Project Location

Located within the El Segundo Generating Station:
- 301 Vista Del Mar, El Segundo, California
El Segundo Generating Station Sites

Existing Site Condition

North Site

South Site

El Segundo Generating Station (ESGS)
Local Project North Site Comparison

Existing Condition

North Site, ESGS

Local Project South Site Comparison

 Existing Condition

South Site, ESGS
Intake and Discharge Facilities

Ocean Plan Screen Requirements

Screen Opening Size
- 1 mm. (0.04 in.)

Through-screen Velocity
- Less than 0.5 feet per second

Intake: Wedgewire Screens
Discharge: Preliminary Concept

Existing

Proposed Conceptual

Drinking Water Conveyance System
DRAFT EIR OVERVIEW

Draft EIR Contents

Section 1, Executive Summary
Section 2, Introduction and Project Background
Section 3, Project Description
Section 4, Basis of Cumulative Analysis
Section 5, Environmental Analysis
Section 6, Other CEQA Considerations
Section 7, Alternatives to the Proposed Project
Section 8, Effects Found Not to Be Significant
Section 9, List of Preparers
### Section 5, Environmental Analysis

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<tr>
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<th>Significance Determination</th>
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<tr>
<td>Aesthetics</td>
<td>Less than Significant with Mitigation</td>
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<td>Air Quality</td>
<td>Significant and Unavoidable during construction</td>
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<td>Terrestrial Biological Resources</td>
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<td>Marine Biological Resources</td>
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<td>Noise</td>
<td>Significant and Unavoidable during construction</td>
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**CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) OVERVIEW**
California Environmental Quality Act

Disclosure

Identifies potentially significant impacts to the environment

Decision-Making Tool

Requires public agencies to consider impacts prior to project approval

Reduce Impacts

Identifies feasible mitigation measures and alternatives

CEQA Process for an EIR

Initial Scoping Process

Public Review and Comment Period 30 days

Prepare Draft EIR

Public Review and Comment Period 45 days

Prepare Responses to Comments

Certification Process

NOTES

NOP Circulated: 8-31-2015

Through 10-15-2015

Draft EIR Circulated: 3-27-2018

Review Period Closes: 6-25-2018
PUBLIC COMMENT

Tuesday, March 27, 2018 to Monday, June 25, 2018,* 5:00 PM

*Public comment period has been extended from May 25 (60 days) to June 25 (91 days).
Submit a Public Comment

- Comment Period: **March 27 – June 25, 2018, 5:00 PM**

- How to Submit a Public Comment:
  - **Mail**: West Basin Municipal Water District  
    Zita Yu, Ph.D., P.E., Project Manager  
    17140 S. Avalon Blvd., Suite 210  
    Carson, CA 90746
  - **Comment Cards** (at Public Meetings & West Basin Building Lobby)
  - **Online Comment Form**: [www.westbasin.org/desal](http://www.westbasin.org/desal)
  - **Email**: DesalEIR@WestBasin.org

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OPEN HOUSE
Stations

Station #1: Project Overview
Station #2: Project Alternatives
Station #3: Air Quality, Greenhouse Gas Emissions, and Energy
Station #4: Land Use, Visual Resources, Transportation and Traffic, and Other Draft EIR Topics
Station #5: Hydrology/Water Quality and Marine Biology Resources
Station #6: Process Timeline
Station #7: Public Comment Table
Station #8: Draft EIR Table