CalAm Monterey Peninsula Water Supply Project

EIR Scoping Meetings
October 2012
Meeting Agenda

- Welcome and meeting purpose
  Charles Gardiner, Moderator

- CPUC project review process
  Andrew Barnsdale, CPUC

- CEQA requirements and project overview
  Eric Zigas, CEQA Consultant

- Next steps
  Charles Gardiner, Moderator

- Breakout into stations
Ground Rules

• Be Respectful
  – Please silence all cell phones and electronic devices
  – Please hold your questions for the breakout session
  – Listen carefully to other participants
  – Avoid sidebar discussions

• Participate
  – Learn about the proposed project
  – Discuss issues with the project team (at breakout stations)
  – Submit written comments

• No decisions are being made at this meeting
Purpose of EIR Scoping Meeting

• Provide overview of the proposed project and environmental review process

• To provide resource agencies and the public an opportunity to provide input on the scope and content of the EIR, including:
  – Range of actions
  – Project alternatives
  – Significant effects
  – Mitigation measures
California Public Utilities Commission (CPUC)

- Led by 5 governor-appointed commissioners
- Regulates privately-owned electric, natural gas, telecommunications, water, railroad, rail transit, and passenger transportation companies
- Serves the public interest by ensuring the provision of safe, reliable utility service and infrastructure at reasonable rates, with a commitment to environmental enhancement and a healthy California economy
- CEQA Lead Agency for the proposed project
Cal-Am Submits Application for MPWSP

CPUC Starts Independent Environmental Review Process

CPUC Analyzes Project Need, Cost, and Rates

CPUC Rate Hearings

EIR Scoping

CPUC Conducts Environmental Studies

Draft EIR

Public Review of Draft EIR

CPUC Prepares Proposed Decision

EIR Certification

Final EIR

CPUC Issues Final Decision

CPUC General Proceeding
California Environmental Quality Act (CEQA)

- Requires that state and local agencies identify the significant environmental impacts of their actions and avoid or mitigate those impacts, if feasible.
- Environmental Impact Report (EIR) identifies significant impacts, mitigation to avoid or reduce such impacts, and project alternatives.
- Prior to preparation of Draft EIR, CEQA Lead Agency is required to consult with persons and organizations it believes may be concerned about the environmental effects of the projects.
• Subsequent EIR is comprehensive stand-alone document (previous EIR is not incorporated by reference)

• CEQA Lead Agency may prepare a Subsequent EIR when substantial changes to the project or to the circumstances in which a project is undertaken require major revisions of the previous EIR

• Subsequent EIR is subject to the same notice and public review requirements as the previous EIR
Overview of the Proposed Monterey Peninsula Water Supply Project
## Project Background and History

<table>
<thead>
<tr>
<th>Activity</th>
<th>Date</th>
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<tbody>
<tr>
<td>CalAm filed for a Certificate of Public Convenience and Necessity for the Coastal Water Project (Application A.04-09-019 )</td>
<td>Fall 2004</td>
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<tr>
<td>CPUC published the Coastal Water Project Draft EIR</td>
<td>January 2009</td>
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<td>CPUC prepared and certified the Coastal Water Project Final EIR</td>
<td>October 2009</td>
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<tr>
<td>CPUC approved implementation of the Regional Project Alternative and corresponding Water Purchase Agreement (Decision D.10-12-016)</td>
<td>December 2010</td>
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To replace existing water supplies that are constrained by legal decisions affecting the Carmel River and Seaside Groundwater Basin:

- SWRCB Order 95-10 requires that CalAm reduce surface water diversions from the Carmel River in excess of legal entitlement (3,376 AFY)
- Adjudication of Seaside Groundwater Basin effectively reduces CalAm’s allocation of groundwater supplies to 1,474 AFY
- SWRCB Order 2009-0060 requires that CalAm secure replacement supplies for the Monterey District by December 2016
Regional Project Location
Proposed Project Facilities

- Seawater intake system comprised of Eight (8) subsurface slant wells
- 9-mgd desalination plant
- Water conveyance facilities
- Improvements to existing Seaside Groundwater Basin Aquifer Storage and Recovery (ASR) system
Proposed Facilities North of Reservation Road
Seawater Intake System
9-MGD Desalination Plant

- Proposed on 46-acre parcel on Charles Benson Road
- Desalination Process:
  - Pretreatment → removal of suspended and dissolved contaminants
  - Reverse Osmosis → removal of salts and other minerals
  - Post-treatment → adjust hardness, pH, and alkalinity; disinfection
- Brine would be discharged via existing Monterey Regional Water Pollution Control Agency ocean outfall and diffuser
Proposed Facilities South of Reservation Road
Aquifer Storage and Recovery

- Carmel River supplies and desalinated product water injected into the groundwater aquifers during wet winter months for storage
- Banked water extracted for delivery to customers during summer months or peak demand periods
- Proposed improvements to existing ASR system would increase CalAm’s yield of Carmel River supplies
Key Issues to be Addressed in the MPWSP EIR Include:

- Coastal erosion associated with coastal facilities
- Effects of seawater intake system on Salinas Valley groundwater resources
- Effects of brine discharge on marine resources
- Effects of construction and facility siting on terrestrial biological resources
- Construction-related increases in traffic, noise, and air quality emissions
- Energy consumption
- Scenic resources
- Growth inducement potential
Preliminary Project Alternatives

- 5.4-mgd Desalination Plant + Groundwater Replenishment
- DeepWater Desal
- Peoples’ Moss Landing Desal Project
- Increased Conservation/Demand Management
- No Project
Other Potential Alternative Strategies

- Alternative Facility Locations
- Alternative Facility Design
Tentative Project Review Schedule

- Draft EIR publication → June 2013
- Draft EIR 45-Day Public Review Period → June/July 2013
- Publication of Responses to Comments/Final EIR → November 2013
- EIR Certification → December 2013
- CPUC Decision → December 2013/January 2014
How to Submit EIR Scoping Comments

• Place your completed comment card in “Comments” box during this meeting.

• Mail comments to:
  Andrew Barnsdale, CPUC
c/o Environmental Science Associates
550 Kearny Street, Suite 800
San Francisco, CA 94108

• Email comments to: MPWSP-EIR@esassoc.com

• Fax comments to: (415) 896-0332

**Scoping period ends at 5pm on November 9, 2012**
Breakout Stations

1. About the Project
   - Purpose and Need, Relationship to the Coastal Water Project, Project Team and Participants
   - Public Involvement Process and Schedule
2. Facilities North of Reservation Road
3. Facilities South of Reservation Road
4. Preliminary Project Alternatives and Alternative Strategies
5. CPUC Process
   - CPCN Application, non-CEQA topics (rates, socioeconomics)
Breakout Station Format

- Divide your time among the stations
- EIR team members and recorders are available to record your comments
- Goal is to record scoping comments and respond to questions about environmental review process
To Learn More About the MPWSP…

Thank you for your participation and input.