SCOPING MEETING

SAN FRANCISCO WESTSIDE RECYCLED WATER PROJECT

Environmental Impact Report

September 23, 2010
Scoping Meeting Purpose

- Hear your comments on the proposed scope and focus of environmental review of the proposed San Francisco Westside Recycled Water Project
- Help identify the following to be analyzed in depth:
  - Range of alternatives
  - Environmental impacts
  - Methods of assessment
  - Mitigation measures
Scoping Meeting Agenda

• Introductions
• Presentation
  ▪ **Overview of Environmental Review Process**
  ▪ **Overview of San Francisco Westside Recycled Water Project**
• Public Comments
• Closing Remarks
Scoping Meeting Reminders

- Sign in at the table near the entrance.
- If you would like to speak during tonight’s hearing, fill out a speaker card.
- To make written comments, you can fill out a comment card
  - *Drop off at the end of the meeting*
  - *Mail or fax later*
- The comment period will begin after the staff presentation. Please wait until your name is called.
Project Team Introductions

- San Francisco Planning Department (Lead Agency under CEQA)
  - Carrie Dovzak, EIR Coordinator

- San Francisco Public Utilities Commission (Project Sponsor)
  - Barbara Palacios, Project Manager
  - Robin Cort, Environmental Project Manager
  - Garrett Low, Project Engineer
  - Suzanne Gautier, SFPUC Communications
ENVIRONMENTAL REVIEW PROCESS
Proposed projects require environmental review under the California Environmental Quality Act (CEQA) before they can be considered for approval.

For SFPUC projects, CEQA is implemented by the San Francisco Planning Department.
CEQA Objectives

- Present environmental impacts of proposed projects
- Identify ways to avoid or reduce environmental impacts
- Support the agency decision-making process
- Encourage public participation
- Enhance interagency coordination
Purpose of Environmental Impact Report

- Provide a detailed description of the project; its location, and status of the existing environment
- Description of Project Construction
- Identify potential environmental impacts
- Identify ways to avoid or reduce significant environmental effects through mitigation or alternatives to the proposed project
# Required EIR Sections

<table>
<thead>
<tr>
<th>Biological Resources</th>
<th>Noise</th>
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<tbody>
<tr>
<td>Traffic</td>
<td>Recreation</td>
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<tr>
<td>Aesthetics/Visual</td>
<td>Air Quality</td>
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<td>Hydrology and Water Quality</td>
<td>Land Use</td>
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<td>Population and Housing</td>
<td>Greenhouse Gases</td>
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<td>Wind and Shadow</td>
<td>Utilities and Service Systems</td>
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<td>Public Services</td>
<td>Geology and Soils</td>
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<td>Hazards and Hazardous Materials</td>
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<td>Mineral/Energy Resources</td>
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<td>Agriculture and Forestry Resources</td>
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<td>Cultural Resources and Paleontological Resources</td>
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PROPOSED
SAN FRANCISCO
WESTSIDE RECYCLED
WATER PROJECT
Westside Recycled Water Project

Objectives

• Diversify the SFPUC’s local water supplies to meet long-term water demands

• Develop a new water supply that is both reliable and drought-resistant

• Reduce the use of drinking water for irrigation and other non-drinking uses
Westside Recycled Water Project – June 2008 Description
Westside Recycled Water Project Summary

• Produce and deliver up to 2 mgd (average) for irrigation and other non-potable uses
• New recycled water facility in Golden Gate Park.
• Facility would include:
  √ Treatment
  √ Storage reservoirs
  √ Distribution pumping
• New distribution pipelines to Lincoln Park, Presidio, and GGP Panhandle.
Proposed Customers

• Recycled water would be used for irrigation of:
  - Golden Gate Park
  - Lincoln Park Golf Course
  - Presidio Golf Course.

• Would also be used for toilet/urinal flushing and irrigation at the California Academy of Sciences.
## Recycled Water Demands & Facility Sizing

<table>
<thead>
<tr>
<th>Demand</th>
<th>Average Day Demand (mgd)</th>
<th>Peak Day Demand (mgd)</th>
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<tbody>
<tr>
<td>GGP Irrigation</td>
<td>0.94</td>
<td>2.41</td>
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<tr>
<td>GGP Lakes</td>
<td>0.4</td>
<td>0.4</td>
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<tr>
<td>Lincoln Park Golf Course</td>
<td>0.14</td>
<td>0.37</td>
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<tr>
<td>Presidio Golf Course</td>
<td>0.12</td>
<td>0.4</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
<td><strong>1.6</strong></td>
<td><strong>3.6</strong></td>
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<tr>
<td>Capacity for Future Demands</td>
<td><strong>0.4</strong></td>
<td><strong>0.9</strong></td>
</tr>
<tr>
<td><strong>Total Demand (basis of treatment, storage design)</strong></td>
<td><strong>2.0</strong></td>
<td><strong>4.5</strong></td>
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</tbody>
</table>
Recycled Water Treatment Process

- Facility would treat secondary effluent produced by the Oceanside Plant
- Treatment includes:
  - Membrane filtration
  - Reverse osmosis – reduces salt levels
  - Ultraviolet light disinfection
- Water quality objective is to match the current groundwater quality
Facility Location

- Site of former Richmond-Sunset Water Pollution Control Plant (WPCP)
Facility Location - Existing Site

View North from MLK Drive

View looking South towards MLK Drive
Facility Location – Proposed Building
Treatment Facility

- New structures would be significantly buried
Treatment Facility – Preliminary Rendering
Treatment Facility - Perspectives
Distribution System

- **Pumping Systems**
  - Replacement/upgrade of pumps at the Oceanside WPCP
  - New pump station inside proposed recycled water facility
  - Upgrade of existing booster pumps in GGP Panhandle
  - Use of existing pumping at GGP Central Reservoir and Lincoln Park Golf Course
Distribution System (cont’d)

- **Pipelines**
  - Use of existing pipeline in Westside Transport Box
  - New pipelines to Lincoln Park, the Presidio and the Panhandle
  - Use of existing irrigation pipeline in GGP
• **Storage**
  - Use of existing GGP Central Reservoir
  - New on-site recycled water storage beneath treatment building
  - New storage tank in Presidio Golf Course
Proposed Schedule

• Complete Project Design: 2012

• Complete Environmental Review and Permitting: Fall 2012

• Construction from 2013 to 2015
  
  Proposed Work Hours: Mon – Fri  7:00 a.m. to 5:00 p.m.
Environmental Review Schedule

- Notice of Preparation – September 8, 2010
- Public Scoping Meeting – September 23, 2010 (tonight)
- Scoping Period Ends – October 13, 2010
- Public Review of Draft EIR – Fall 2011
- Certification of Final EIR – Fall 2012
Comment Session Ground Rules

- Submit speaker cards to speak
- Wait until your name is called
- Speak into the microphone and state your name
- Summarize comments
- Use comment forms for more detailed input
CLOSING REMARKS
Where to Send Comments

Scoping comments accepted through October 13, 2010

Send by email to: carrie.dovzak@sfgov.org

Send by fax to: (415) 558-6409

Send by U.S. mail to:

San Francisco Planning Department
Attn: Bill Wycko,
Environmental Review Officer
SF Westside Recycled Water Project
1650 Mission Street, Suite 400
San Francisco, CA 94103
For More Information

About the Environmental Review Process:

Carrie Dovzak, San Francisco Planning Department, Major Environmental Analysis Division
(415) 575-9030, carrie.dovzak@sfgov.org

The Notice of Preparation is available online at http://tinyurl.com/puccases

About the San Francisco Westside Recycled Water Project:

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(415) 554-3204, sgautier@sfwater.org