Upper Stone Canyon Reservoir Water Quality Improvement Project

Draft EIR Meeting

July 12, 2011

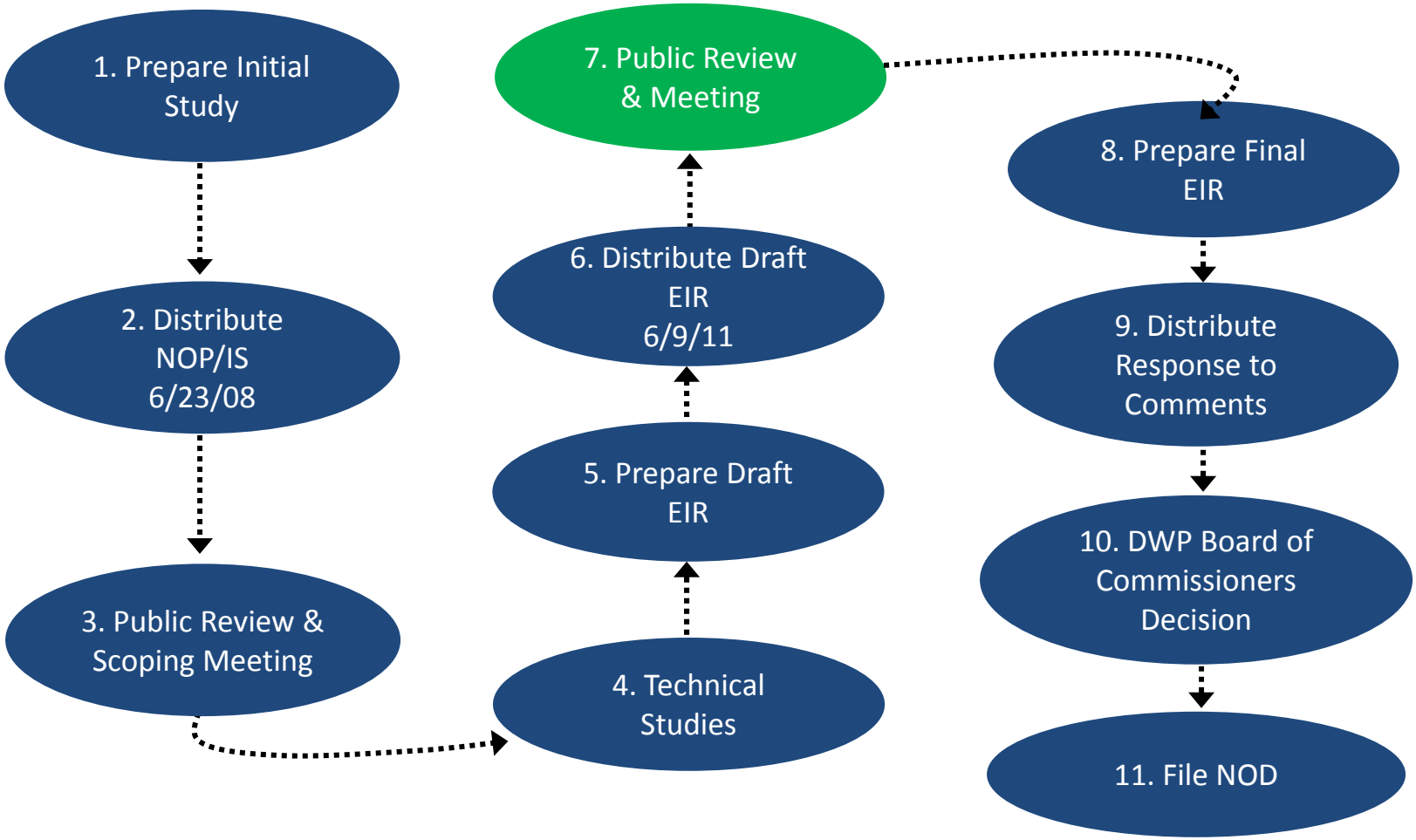
Draft EIR Meeting Agenda

- The CEQA Process
- The Proposed Project
- Project Alternatives
- Summary of Environmental Impacts
- Next Steps
- Receive Public Comments

Purpose of CEQA

- Maintain the quality of the environment
- Disclose potential significant environmental impacts of proposed project
- Identify feasible means to reduce impacts
- Encourage public participation

CEQA Process Chart



CEQA Schedule

Milestone	Date(s)
Public Review of Initial Study	June/July 2008
Project Refinement & Preparation of Draft EIR	Fall 2008 to Spring 2011
Public Review of Draft EIR (45 days)	June 9 -July 25, 2011
Availability of Final EIR	Fall 2011
LADWP Board Considers Final EIR	Winter 2011

Upper Stone Reservoir Site

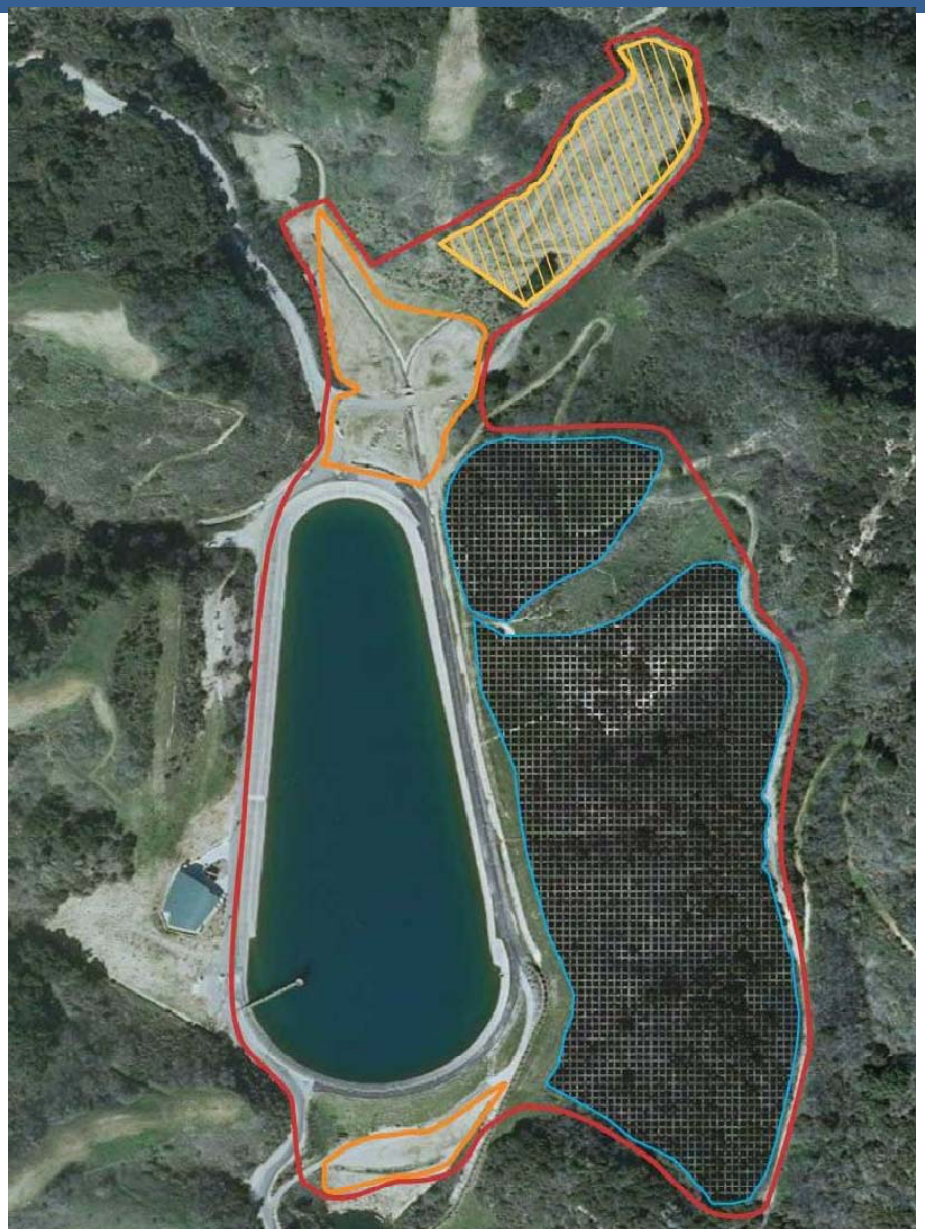
Project Purpose

- Ensure quality, reliability, and stability of water supply
- Primary objectives:
  - Comply with updated EPA water quality standards
  - Maintain local storage to meet drinking water demand
- Secondary objective:
  - Help restore natural character of portions of Stone Canyon involved in project improvements

Buried Reservoir (Proposed Project)

- Demolish existing Upper Stone Reservoir
- Construct new buried concrete-covered reservoir within footprint of existing reservoir
- Maintain existing water storage
- Plant reservoir site with low-growing native vegetation
- Provide public access to Stone Canyon
- Duration of construction 4 years

Buried Reservoir Affected Areas



Floating Cover Alternative

- Demolish existing reservoir liner and appurtenant facilities
- Construct new reservoir liner
- Install flexible membrane floating cover over water surface (700,000 sf)
- Maintain existing water storage
- No restoration or public access
- Duration of construction 1.5 years

Floating Cover Examples

Aluminum Cover Alternative

- Demolish existing reservoir liner and appurtenant facilities
- Construct new reservoir liner
- Install light weight aluminum cover over water surface with or without solar panels
- Maintain existing water storage
- No restoration or public access
- Duration of construction 3.5 years

Aluminum Cover Examples

Environmental Impacts

Issue Area	Buried Reservoir	Floating Cover	Aluminum Cover
Aesthetics	Less than Significant	Less than Significant (Similar)	Less than Significant (Similar)
Air Quality/GHG	Significant and Unavoidable	Significant and Unavoidable (Less)	Significant and Unavoidable (Less)
Biological Resources	Less than Significant with Mitigation	No Impact (Less)	Less than Significant with Mitigation (Less)

Less: Impact is lower in magnitude than the impact of the proposed project
Similar: Impact is similar in magnitude to impact of the proposed project
Greater: Impact is greater in magnitude than the impact of the proposed project

Environmental Impacts

Issue Area	Buried Reservoir	Floating Cover	Aluminum Cover
Cultural Resources	Less than Significant with Mitigation	Less than Significant (Less)	Less than Significant with Mitigation (Less)
Wildland Fire	Significant and unavoidable	No Impact (Less)	No Impact (Less)
Noise	Significant and Unavoidable	Significant and Unavoidable (Less)	Significant and Unavoidable (Less)
Traffic	Significant and Unavoidable	Significant and Unavoidable (Less)	Significant and Unavoidable (Less)

Less: Impact is lower in magnitude than the impact of the proposed project
Similar: Impact is similar in magnitude to impact of the proposed project
Greater: Impact is greater in magnitude than the impact of the proposed project

Summary

- Buried Reservoir: greatest environmental impacts but meets all objectives, including restoration of reservoir site
- Aluminum Cover Alternative: reduced environmental impacts; meets water quality & water storage objectives but not restoration of reservoir site
- Floating Cover Alternative: least environmental impacts; meets water quality & water storage objectives but not restoration of reservoir site

Highlights of Alternatives

Topic	Buried Reservoir	Floating Cover	Aluminum Cover
Duration of Construction	4 years	1.5 years	3.5 years
Total Off-site Truck Trips	70,200	8,300	21,800
Total Volume of Earthwork Movement	905,000 CY	Minimal	55,000 CY
Public Access	Yes	No	No

Next Steps

- Receive comments during the 45-day comment period ending **July 25, 2011**
  - Westwood Branch Library, 1246 Glendon Avenue
  - Sherman Oaks Branch Library, 14245 Moorpark Street
  - LADWP's website: http://www.ladwp.com/envnotices
- Issue Final EIR (Fall 2011)
- EIR Certification (Winter 2011/2012)

Guidelines

- Submit comments tonight orally or in writing.
- All comments and responses will be included in the FEIR.
- Keep oral comments to three minutes.
- Written comments are due by July 25, 2011.

PUBLIC COMMENT PERIOD

OPEN