

Nacimiento Water Project

San Luis Obispo County Flood Control & Water Conservation
District

Supplementing the San Luis Obispo Water Supply



Presented By: Tom Trott, P.E.

Date: September 19, 2007

Today's Presentation

The Nacimiento Water Project (NWP)...


- What is it?
- Who is Involved?
- Why is it happening?
- How will it affect lake levels?
- When will it be built?
- What is being built near the dam?
- How will it affect water quality?

Project Overview

- Raw Water Conveyance
- Deliver 15,750 AFY to SLO County communities
- **Intake** (Spec 1) : shaft, tunnel, and intake pipe
- **Facilities** (Spec 2) : 3 pump stations, 3 tanks, and computer control equipment & communications
- **Pipelines** (Specs 3, 4, and 5) : From Intake to Paso Robles (3) to Atascadero (4) to San Luis Obispo (5)

Project Participants

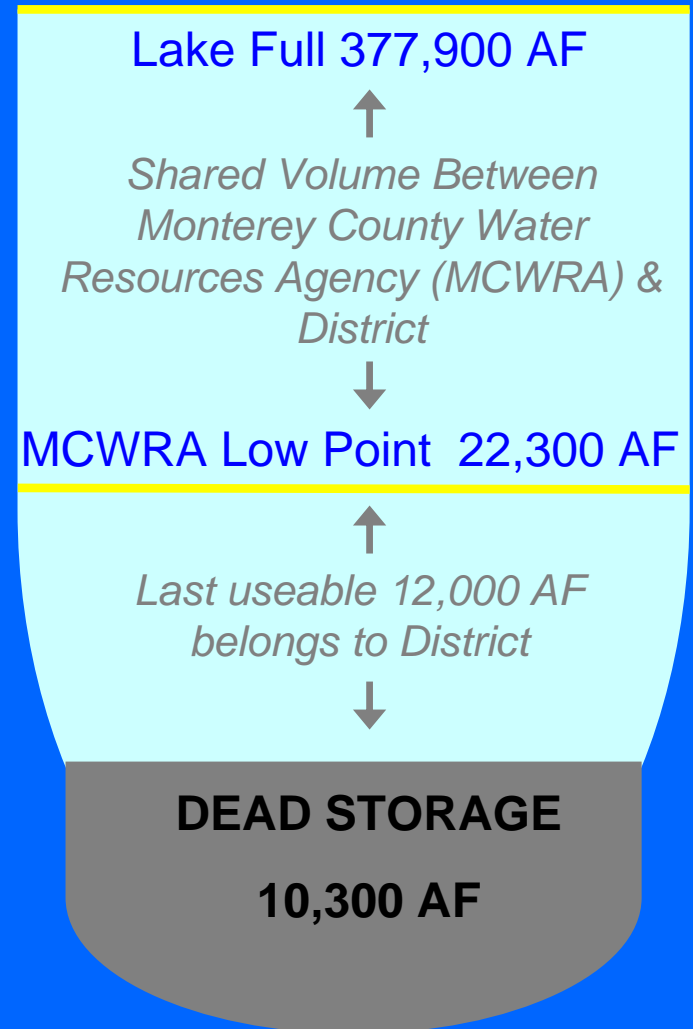
The Project Will Deliver Water to Five Participants

Participant	Nacimiento Water Usage (AF/yr)
	City of El Paso de Robles
	City of San Luis Obispo
	Atascadero Mutual Water Company
	Templeton Community Services District
	County Service Area 10A (Cayucos)
Participant Totals	9,655
<i>Reserve Capacity</i>	<i>6,095</i>
Nacimiento Total	15,750

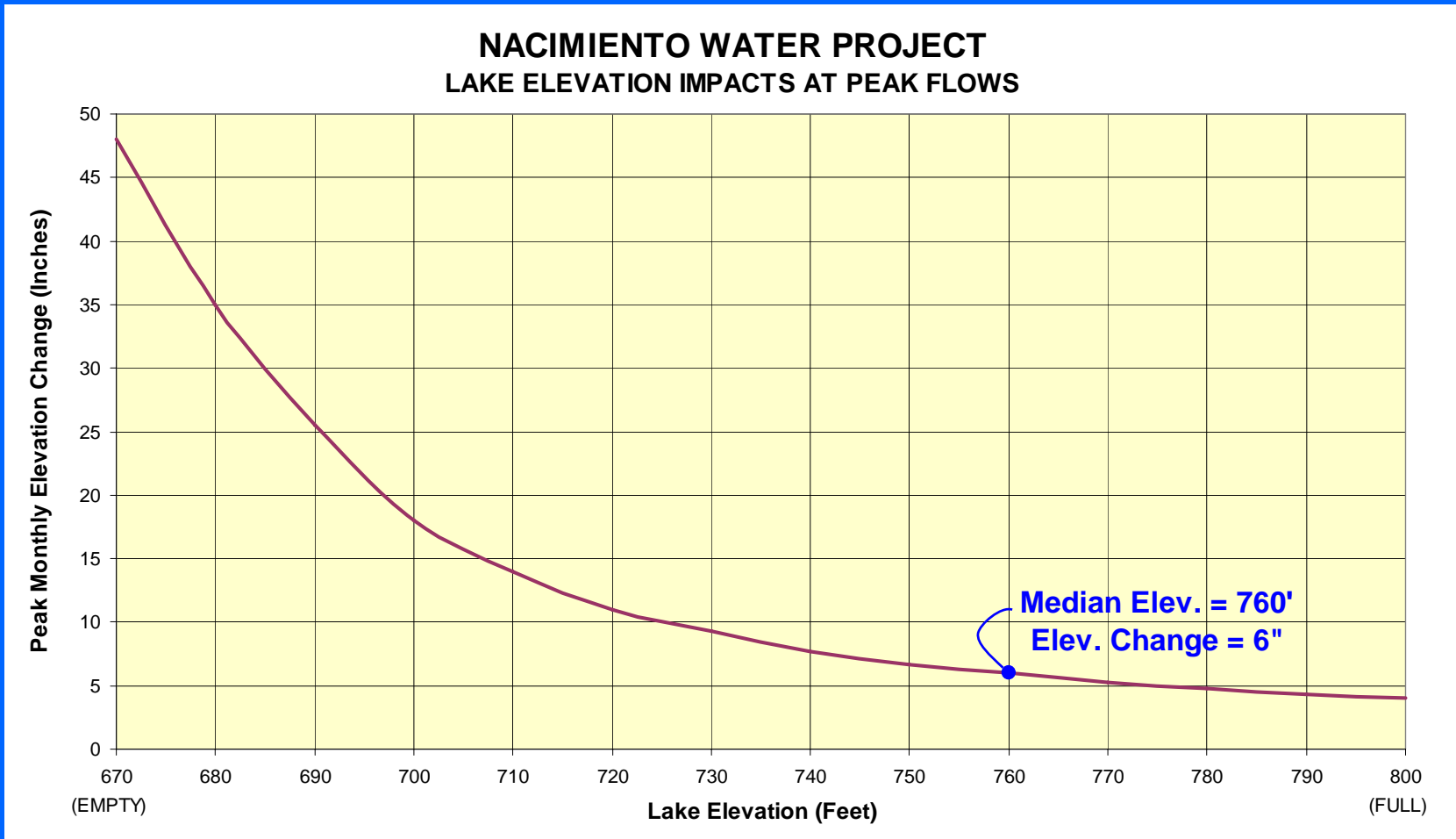
Why the Nacimientto Water Project?

Deliver Water Resources Secured by the District in 1959

- Agreement between Monterey and San Luis Obispo County established entitlement
 - MCWRA owns Nacimientto Reservoir
- Entitlement volume is 17,500 acre-feet per year (AF/yr)
 - Lakeside use is 1,750 AF/yr
 - Nacimientto Water Project use is 15,750 AF/yr
- Highly Reliable Source of Water
 - Last 12,000 AF Belongs to the Project Each Year

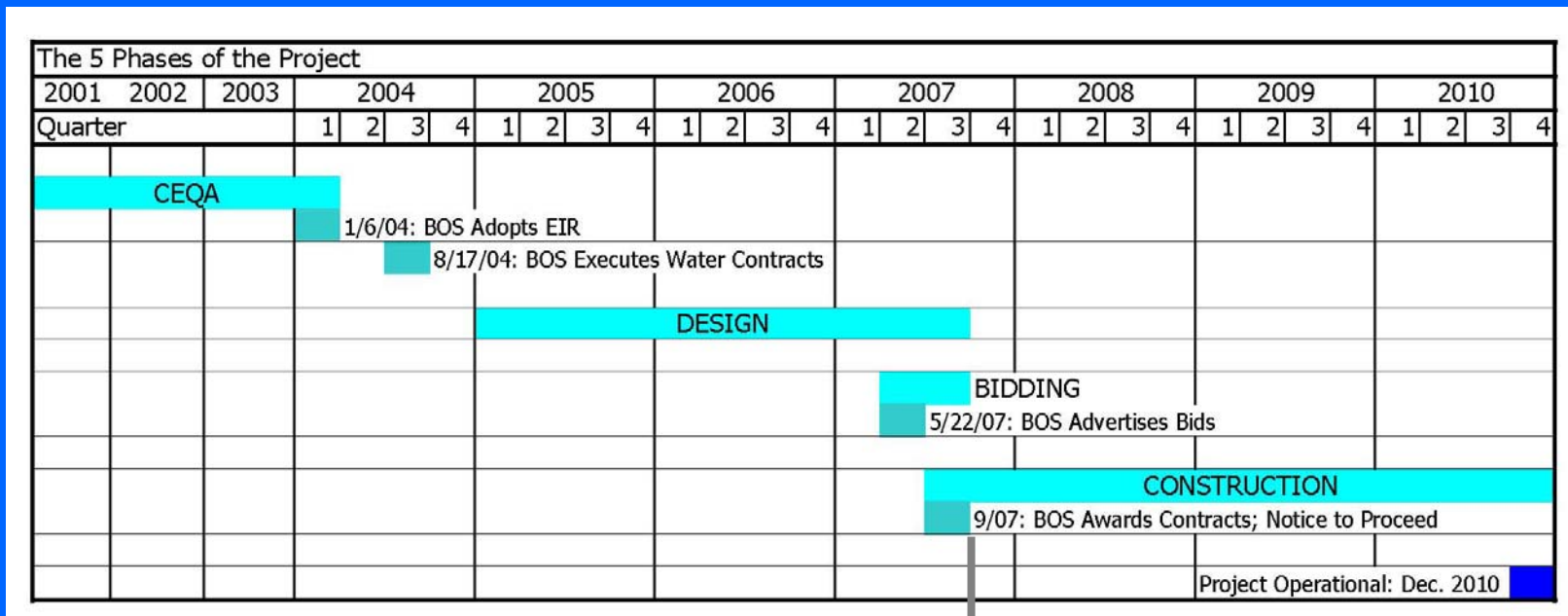


Lake Level Impacts



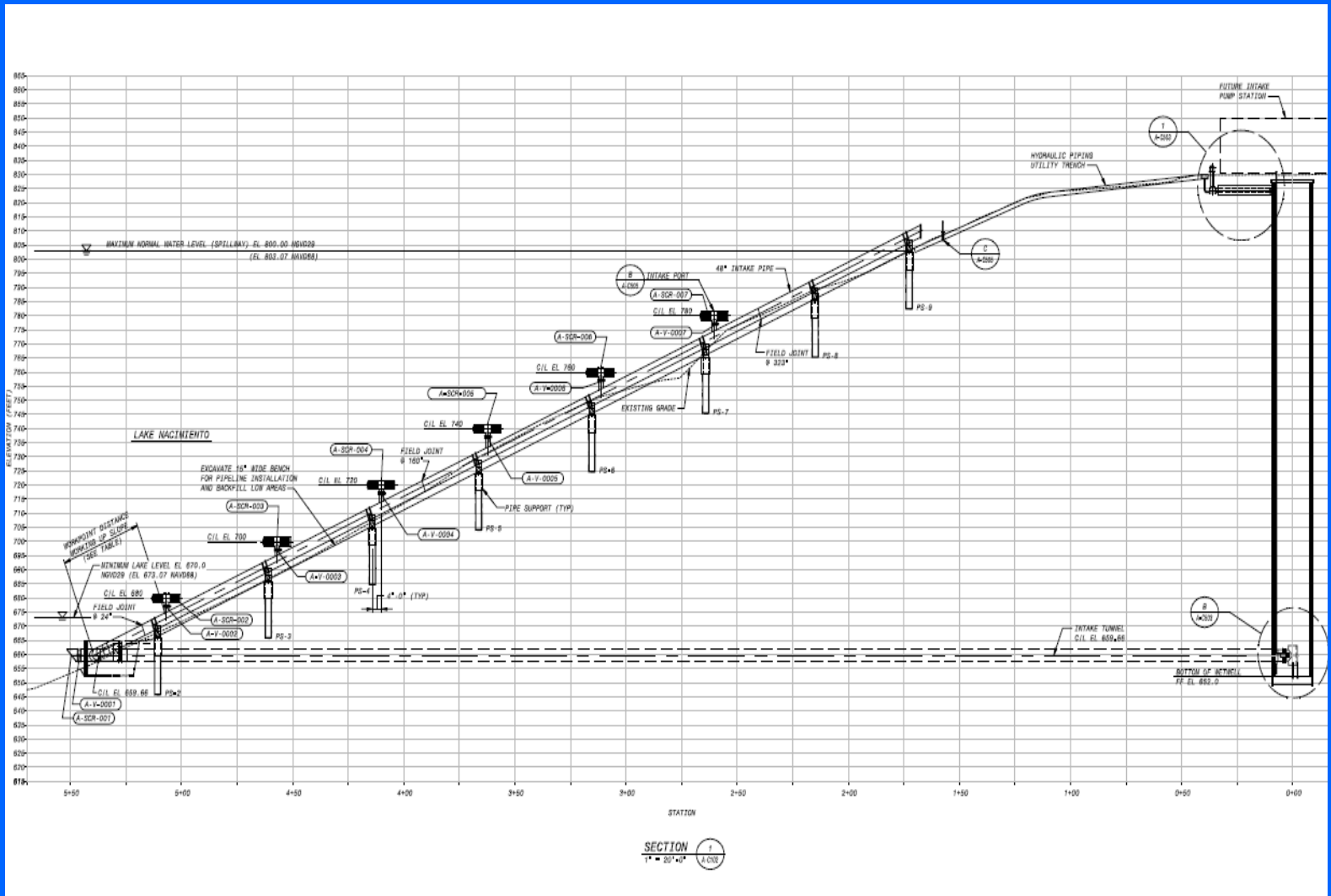
- Peak Design Flow = 32 CFS = 1904 Acre-Feet/Month
- Overall, evaporation affects lake levels more than the NWP

Basic Project Timeline



TODAY

Intake Structure Profile



Water Quality

- “Nacitone Group”
 - Engaged stakeholders from both MCWRA and SLO County brought together to review water quality and watershed protection
- SLO County has measured water quality parameters near the Nacimiento Dam since 1993
 - Results: Very good water quality
- Raw water supply for our Participants who will treat at their locations

Questions?

Contact Information

- Monterey County Water Resources Agency
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 - <http://www.mcwra.co.monterey.ca.us>
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 - <http://www.slocounty.ca.gov/pw/nacwp.htm>

