



ORO LOMA NEWS

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www.roloma.org

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Capacity Restoration Project Groundbreaking

A July 15, 2004 groundbreaking ceremony at the Oro Loma Sanitary District Wastewater Treatment Plant on Grant Avenue in San Lorenzo signaled the start of an historic \$34 million plant capacity restoration project. The project—the largest in the District's 96-year history—was expected to be completed in the fall of 2007. On Saturday, June 2, 2007, at an open house and ribbon-cutting ceremony attended by representatives from Oro Loma Sanitary District and Castro Valley Sanitary District (which owns 25% of the plant) and the public, the project was officially declared complete and operational. The project was finished months ahead of schedule and under budget.

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Treatment Plant Capacity Restoration Project

The Oro Loma/Castro Valley Project was completed \$1,000,000 under budget & six months ahead of schedule

Construction Cost - Monterey Mechanical
\$24,755,000
Change Orders (3.25%)
\$895,990

Design Services During Construction
\$750,000
Construction Management (In-house)
\$1,300,000
Pre-design, Master Plan, etc.
\$3,548,410

TOTAL: \$34,124,500

RAS/WAS PUMPS
The RAS/WAS structure houses miscellaneous pumps and control systems to properly balance the biological process. The pumps inside return good bugs into the wastewater treatment process.

PRIMARY CLARIFIERS
Prior to Construction

CEPT FACILITY
CEPT (Chemically Enhanced Primary Treatment) is a treatment process that uses ferric chloride to help settle solids from the wastewater.

BOILER BUILDING
Prior to Construction

NEW INFILTRANT PUMP
The District added a new, 35MGD pump to complement the four existing pumps and meet pumping requirements during heavy storms.

NEW DISINFECTION CHANNEL
The disinfection channels use sodium hypochlorite (bleach) to disinfect (kill) bacteria before the treated water enters San Francisco Bay. A second channel was added to increase capacity.

BARScreens
A second barscreen was added to provide additional protection against large debris (tree limbs, tree limbs, and other garbage) entering into the treatment plant.

SECONDARY CLARIFIERS
The District added three new secondary clarifiers, which are the final settling tanks before disinfection and discharge of treated water into the Bay.



Clockwise from top: Poster shows new additions to the plant; Oro Loma and Castro Valley representatives and the public enjoy refreshments; Plant Operator Raul Saballos leads a plant tour; Ribbon-cutting ceremony officially launches the restored plant.