Key to Features
- Tank Improvements
- Existing Tank
- Pipeline Improvements
- District 29 Service Area Boundary
- City of Malibu
- Oak Woodland (as defined by DRP*)
- Significant Ecological Area (SEA) - DRP*

Emergency Source of Water Supply Connection - Las Virgenes Connection (install 12 in-dia. steel pipe)
**Lower Busch Tank Improvement**
(Replace 300,000 gal. concrete tank with 385,000 gal. steel tank)

PCH 8-inch Waterline Improvements
(Zumirez Drive to Escondido Beach Road)
(Replace 6 in-dia. pipe with 8 in-dia. pipe)

Parcels with slopes >25% require a Coastal Development Permit from the City of Malibu

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**Cumulative Analysis in Priority Capital Deficiencies Improvements EIR
Los Angeles County Waterworks District No. 29 Water System
CAPITAL IMPROVEMENT PROJECTS

- **Civic Center Improvements**: Construct 1,000,000 gal tank and 12" dia. steel pipe.
- **Carbon Canyon Road and Carbon Mesa Road Waterline Improvements**: Replace 1.5-in to 4-in dia. pipe with 8 & 12-in dia. steel pipe.
- **PCH and Topanga Beach Drive Waterline Improvements**: Replace 4-in & 6-in dia. pipe with 8-in dia. steel pipe.

Key to Features:
- Existing Tank
- Tank Projects
- Creek Crossing Project
- Pipeline Improvements
- District 29 Service Area Boundary
- City of Malibu
- Vacant Parcels

Slope Analysis - 43 Parcels:
- < 25% Slope
- 25% to 50% Slope
- > 50% Slope
- Oak Woodland - DRP*
- Significant Ecological Area - DRP*

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Los Angeles County Waterworks District No. 29 Water System
CAPITAL IMPROVEMENT PROJECTS

**Key to Features**
- Existing Tank
- Creek Crossing Project
- Pipeline Improvements
- WWD29 Boundary
- City of Malibu
- Project Location

- Oak Woodland - DRP*
- Significant Ecological Area - DRP*
- Vacant Parcels
- **Slope Analysis - 9 Parcels**
  - > 25% Slope
  - 25% to 50% Slope
  - > 50% Slope

**Parcels with slopes >25% require a Coastal Development Permit from the City of Malibu**

- Big Rock Bypass Improvement
  - (Replace 30-in and 10-in dia. watermains with (3) parallel 18-in dia. watermains)

- Coastline Drive 12-inch Waterline Improvements
  - (Replace 12-in dia. pipe with a 12-in dia. steel pipe)

- PCH and Topanga Beach Drive Waterline Improvements
  - (Replace 6-in dia. pipe with 8-in dia. steel pipe)

**"Malibu Branch Feeder Realignment"**
- (Realign 30-in dia. steel watermain)

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**Notes:**
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- **Cumulative Analysis in Priority Capital Deficiencies Improvements Ed**

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**Legend:**
- Existing Tank
- Creek Crossing Project
- Pipeline Improvements
- WWD29 Boundary
- City of Malibu
- Project Location

- Oak Woodland - DRP*
- Significant Ecological Area - DRP*
- Vacant Parcels
- **Slope Analysis - 9 Parcels**
  - > 25% Slope
  - 25% to 50% Slope
  - > 50% Slope

**Parcels with slopes >25% require a Coastal Development Permit from the City of Malibu**

- Big Rock Bypass Improvement
  - (Replace 30-in and 10-in dia. watermains with (3) parallel 18-in dia. watermains)

- Coastline Drive 12-inch Waterline Improvements
  - (Replace 12-in dia. pipe with a 12-in dia. steel pipe)

- PCH and Topanga Beach Drive Waterline Improvements
  - (Replace 6-in dia. pipe with 8-in dia. steel pipe)

**"Malibu Branch Feeder Realignment"**
- (Realign 30-in dia. steel watermain)
Los Angeles County Waterworks District No. 29 Water System
CAPITAL IMPROVEMENT PROJECTS

Fernwood Tank Improvement
(Replace (2) 50,000 gal tanks with one 300,000 gal steel tank)

Owen Tank Improvement
(Replace 100,000 gal tank with 500,000 gal tank)

Choose from the following:

- Current Tank Projects
- Existing Pipeline
- Oak Woodland - DRP
- Significant Ecological Area - DRP
- Vacant Parcels

Slope Analysis - 77 Parcels
- < 25% Slope - 2
- 25% to 50% Slope - 47
- > 50% Slope - 28

**Cumulative Analysis in Priority Capital Deficiencies Improvements EIR

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** Los Angeles County Waterworks District No. 29 Water System

Parcels with slopes >25% require a Coastal Development Permit from County Department of Regional Planning.