



Engineering, Operations, & Technology Committee

Diemer Basin No. 8 Slope Toe Rehabilitation

Item 7-9

June 8, 2026

Presented by: Martin Poon

Item 7-9 Diemer Basin No. 8 Slope Toe Rehabilitation

Subject

Award a \$789,356 contract to Ortiz & Son Inc. to rehabilitate the toe of the slope supporting Basin No. 8 at the Robert B. Diemer Water Treatment Plant

Purpose

Maintain infrastructure resiliency of a California Division of Safety of Dams (DSOD) jurisdictional structure

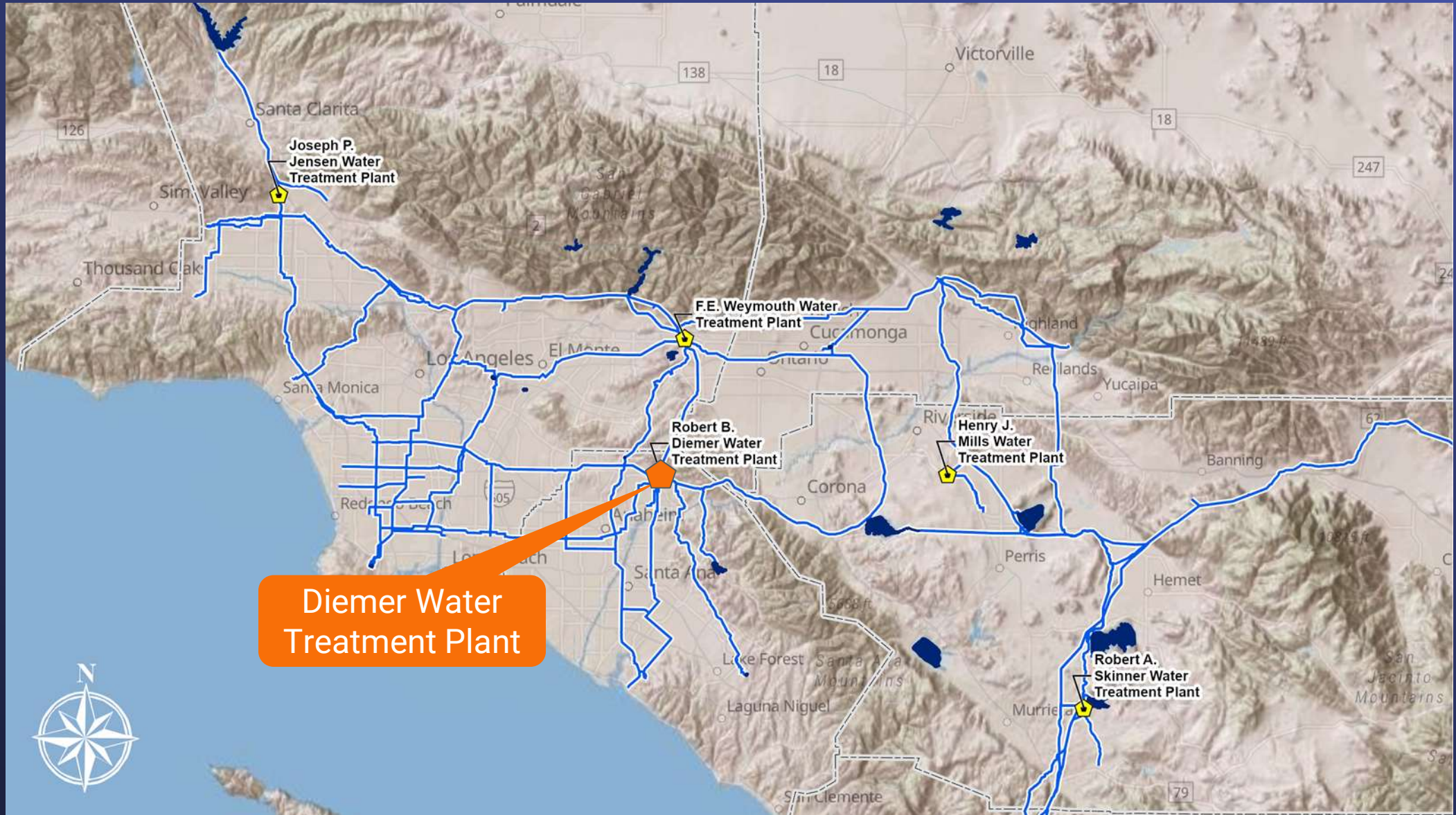
Recommendation and Fiscal Impact

Award a construction contract to rehabilitate the toe of the slope supporting Basin No. 8 at the Diemer plant

Fiscal Impact – \$1.52 M

Budgeted

Location Map



Background

- Diemer plant was constructed on a hill in the 1960's
- Graded plateau originally created from hilltops & adjacent ravines
- Basin No. 8 is within California Division of Safety of Dams (DSOD) jurisdiction



Overview of Diemer Plant

Background

- Basin No. 8 slope has experienced erosion issues due to seasonal storm flows
- Small mass near the toe has mobilized & displaced
- Localized failure & unlikely to impact the stability of the overall slope
- Rehabilitation of the toe is needed to mitigate further erosion



Slumped Toe Area of Basin No. 8 Slope

Diemer Basin No. 8 Slope Toe Rehabilitation

Alternatives Considered

- Considered Alternative – Install a retaining structure to support the lower portion of the slope
 - Significant excavation poses constructability challenges
- Selected Alternative – Backfill & grade the toe of the slope
 - Minimizes cost & impacts to the surrounding terrain
 - Maintains slope stability & meets DSOD requirements

Diemer
Basin No. 8
Slope Toe
Rehabilitation

Scope of Work - Contractor

- Excavate existing ground material
- Key & bench the existing subgrade
- Prepare & compact existing ground material
- Restore the toe area with fill & riprap
- Restore the slope access road asphalt pavement

Diemer
Basin No. 8
Slope Toe
Rehabilitation

Scope of Work - Metropolitan

- Comprehensive soil & compaction testing of the fill material throughout the site
- DSOD inspection support and reporting
- Construction support
- Construction management & inspection
- Project management

Bid Results

Specifications No. 2097

Bids Received	April 30, 2026
No. of Bidders	5
Lowest Bidder	Ortiz & Son Inc.
Low Bid	\$789,356
Range of Other Bids	\$874,382 to \$1,488,270
Engineer's Estimate	\$1,200,000
SBE Participation*	100%

*SBE (Small Business Enterprise) participation level set at 25%

Allocation of Funds

Diemer Basin No. 8 Slope Toe Rehabilitation

Metropolitan Labor

Owner Costs (Proj. Mgmt., Contract Admin., Envir. Support)	\$	149,000
Construction Inspection & Support		150,000
Force Construction		212,000
Submittals Review, Tech. Support, Record Drwgs.		125,000

Contracts

Ortiz & Son Inc.		789,356
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Remaining Budget

		94,644
Total	\$	<u>1,520,000</u>

Project Schedule



Board Options

- Option #1

Award a \$789,356 contract to Ortiz & Son Inc. to rehabilitate the toe of the slope supporting Basin No. 8 at the Robert B. Diemer Water Treatment Plant.

- Option #2

Do not proceed with this project at this time.

Staff Recommendation

- Option #1

