



July 16, 2025

TO: Utilities Advisory Committee (UAC)
FROM: Ron Munds, General Manager
SUBJECT: **Agenda Item 4 – 07/16/2025 Utilities Advisory Committee Meeting – Cabrillo Stormwater Basin Update**

Background

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Vice President

Matthew D. Fourcroy

Directors

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Tom Cross
Richard Hubbard

General Manager

Ron Munds

District Accountant

Robert Stilts, CPA

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In January 2023, the Cabrillo stormwater basin experienced a failure on the northeast corner of the basin wall. Repair work on the area that failed began immediately after the disaster with temporary repairs completed in April 2023. The repairs included the rebuilding of the portion of the basin that failed then relining the entire north wall with 60 mil polyethylene liner material.

It was recommended by the District's consulting Geotechnical and Civil engineers that permanent repairs would include the construction of a 600-foot-long slurry wall along the entire north side of the basin to prevent any future under seepage. The District contracted Civil engineers have developed 60% design documents which will act as the foundation to any future work.

FEMA 406 Hazard Mitigation Grant Process Summary

The FEMA 406 Hazard Mitigation Grants are for the facilities that have been damaged in a particular disaster. In the District's case, only the portion of the basin wall that was damaged is eligible for reimbursement. The application process is complicated, and applicants must file for financial assistance based on the timing of disaster response to a disaster and by type of facility(ies) damaged.

There were two FEMA categories that the District qualified for. The first was a Category B request for emergency protective measures to prevent further damage. Under Category B, eligible expenditures were for the period from January 9, 2023, to February 28, 2023. Eligible expenses made during this period are 100% reimbursable. The second request was considered a Category D project which is water control facilities, i.e. a stormwater basin in the District's case. Reimbursement for this category is 75% of the eligible costs.

Ineligible costs for the District included the neighborhood assistance provided for debris removal and disposal, roll off services, porta potties, administrative costs and some consultant fees.

Cost Summary to Date

To date, the District has spent \$848,579.00 on the Vista de Oro disaster. This amount includes FEMA eligible and ineligible costs. The following table shows the cost submitted to FEMA and the anticipated reimbursement if approved:

Mailing Address:

P.O. Box 6064
Los Osos, CA 93412

Offices:

2122 9th Street, Suite 110
Los Osos, CA 93402

Phone: 805/528-9370

FAX: 805/528-9377

www.losososcsl.org

FEMA Summary	Project Cost	Federal Cost Share	
Cost reimbursement request	\$ 62,636.00	\$ 62,636.00	Category B Project
Estimate	\$ 586,892.00	\$ 440,169.00	Category D Project
Total	\$ 649,528.00	\$ 502,805.00	

The cost reimbursement request for the Category B project was based on actual costs incurred between January 9, 2023, and February 28, 2023. The estimate for the Category D project was based on 2023 dollars and the best available information available at the time. A revised estimate was provided in 2025 dollars which indicates Category D project will cost approximately \$856,130.00.

Considering the federal cost share previously discussed and the revised project from earlier this year, the portion of the basin eligible funding to use the funding available (Category B & D dollars), the District's cost to complete the project is \$353,325.00.

Revised project cost - 2025	\$ 856,130.00
Federal Cost Share	\$ 502,805.00
District Liability	\$ 353,325.00

Cal OES 404 Mitigation Fund Request

As noted above, the Geotechnical and Civil engineers recommended that a slurry wall be installed across the entire north basin wall. Staff started working with Cal OES in June 2023 on an application for 404 Hazard Mitigation grant funds for the remaining work on the north Cabrillo basin wall. The 404 Hazard Mitigation Grant Program is a program that provides funding for projects to reduce or prevent loss from future disasters. The program is funded by FEMA but administered by Cal OES. The program will pay 75% of a project's estimated cost. This application was completed and submitted in February 2025. The following is the summary of costs and potential reimbursement from this program.

Cal OES 404 Mitigation Fund Request		Federal Cost Share
Project cost estimation	\$ 1,410,574.00	\$ 1,057,931.00
		District Liability
		\$ 352,643.00

Project Summary

The total cost for repairs to the Cabrillo Basin's north wall is estimated at \$2,266,704.00. If the funding sources are approved by FEMA and Cal OES, the net cost to the District would be \$705,968.00.

Project Summary		
Total Project Costs		\$ 2,266,704.00
Total Project Costs After Funding		\$ 705,968.00

Fund 800 currently has a cash balance of \$490,345.00, of which \$65,000 is in reserves and \$425,345.00 is unassigned cash. The fund did secure a \$350,000 interfund loan from Fund 500 which will be paid off on March 1, 2028.