



## AGENDA STAFF REPORT

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**Agenda Number: E**  
**File ID: 0618.253**

**Section Name: ACTION CALENDAR**  
**Project ID:**

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**MEETING DATE:** November 14, 2023

**SUBJECT:** Authorize the Release of Funds up to \$517,050 from the Community Facilities District No. 102 to Complete Repairs to the Flood Control System at the Reserve

**TO:** BOARD OF DIRECTORS

**FROM:** ENGINEERING/IRRIGATION/STORMWATER, CARRIE OLIPHANT

**GENERAL MANAGER  
RECOMMENDATION:**

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**RECOMMENDATION:**

Authorize the release of up to \$517,050 from the Community Facilities District No. 102 (CFD 102) to complete recent storm repairs and perform maintenance to the Flood Control System within the Reserve.

**BUDGET IMPACT:**

The fund balances within CFD 102 for operation and maintenance and capital replacement of the flood control system are \$2,223,732 and \$6,650,000, respectively. Authorization of the release of funds from CFD 102 in the amount of \$517,050 does not have an impact on CVWD's Fiscal Year 2024 Operating Budget.

**PROCUREMENT METHOD:**

☒ N/A

If other, please explain: .

**BACKGROUND**

The Flood Control System consists of two levees that convey flows from the Deep Canyon Watershed into a channel (Channel "A") containing a series of energy dissipaters, including a plunge pool, to decrease velocities. The flows exit the plunge pool and are conveyed through the Upper Living Desert Debris Basin, then weir-flows into an earthen channel within the Lower Living Desert Debris Basin. This system also includes Ironwood Retention Basin and Ironwood Lake that combine to work as energy dissipaters as well before the storm flows discharge into Channel "C".

Storm flows from Hurricane Hilary significantly impacted the Flood Control System. The Ironwood Lake Sediment Basin has been completely filled with sediment and debris. In order to maintain its function, the basin will need to be entirely reconstructed to the original design grades, and the lake will need to be dredged. This required work

includes the reconstruction of a maintenance access roadway, 2 pipeline culverts and drain lines, and fencing. The work also consists of scour erosion repair along the banks of Channel "A", and along the Plunge pool entry as well as dredging and repair of the Plunge Pool and the Upper Living Desert Debris Basin. Lastly, the work includes concrete repair for the Channel "A" Bridge to account for cracking, spalling, and additional minor repairs required to maintain the structural capacity and function of this facility.

CFD 102 is funded through a tax assessment and is managed by a three-member committee under the direction of the CVWD General Manager and Board of Directors. The CFD 102 Committee has reviewed the request for funds and voted in favor of the completion of the repairs in this amount. The work will provide for the continuous transportation of flood waters into the future, and it will ensure the sediment/debris storage capacity is not encumbered.

**PRIOR BOARD ACTION:**

N/A

**DISTRICT STRATEGIC PLAN GOAL(S)/OBJECTIVES(S):**

N/A

**ENVIRONMENTAL IMPACT:**

This is not a project as defined by CEQA; therefore, approval does not require any CEQA action.

**PUBLIC NOTICE REQUIRED**

N/A

**LEGAL REVIEW**

N/A

**ATTACHMENTS**

Att 1 – Map – Reserve Flood System

Att 2 – CFD102 Repair Proposal