

February 8, 2025

## **Subject: Rose Hill Wash Committee report to the DCCE Master Association Board of Directors February 2025**

The RHW Committee continues to make progress on the long-term plan approved by the Board in June 2024. For reference that plan is:

1. Cleaning up the “green debris” along the length of RHW (Done)
2. Engage a civil engineering firm (Done)
3. Engage with the City of Tucson (Ongoing)
4. Develop budget for 2025 (Done. Submitted to, and approved by, DCCE Board)
5. Develop a reclamation plan (Target end of 1Q25)
6. Develop long-term budget covering 2026 – 2028 (Ongoing)
7. Develop long-term maintenance plan (Target TBD)

We are now addressing the 5<sup>th</sup> step; Develop a reclamation plan.

The Survey began in January 2025 and is expected to be completed by the end of February. An invoice for the work completed in January has been received in the amount of \$6,020. It has been processed for payment.

The City of Tucson has been contacted to issue a “Locate and request ticket”, commonly know as an 811 request. This initiates the identification of any utilities that may be under the Wash and is required before any physical work can commence. This work is expected to be completed by mid-February.

We are in receipt of a proposal from Bogardus Engineering, the Civil Engineering company with whom we have engaged to route us through this project. We are requesting the Board move to accept this proposal.

The Bogardus Phase 1 plan can be summarized as follows. The plan is available for all Board members to review.

### Description

The project involves addressing sediment accumulation and related flood risks within the Rose Hill Wash at Dorado Country Club Estates and the golf course. The aim is to resolve sediment related issues that obstruct flow and potentially lead to flooding, while ensuring compliance with FEMA, city, and environmental regulations.

### Key Issues

1. Sediment accumulation
2. City of Tucson Requirements
3. Regulatory constraints
  - a. FEMA
  - b. Section 404 of the Clean Water Act
  - c. Environmental Resource Zone (ERZ)
4. Research
  - a. Site Visit
  - b. Hydrology analysis
  - c. Hydraulics analysis
  - d. Floodplain modeling analysis
  - e. Exhibits
    - i. Aerial photo
    - ii. Location Map
    - iii. FEMA FIRMETTE Map
    - iv. Sediment Transport Map
    - v. HECRAS 2D input parameter Map
    - vi. Existing floodplain map
    - vii. Map showing problem areas to be addressed.
5. Phase 1 Report
  - a. Prepare a written report for review by the City of Tucson.

The motion to proceed with this portion of the Rose Hill Wash reclamation project is included in the package of information for this meeting. I respectfully ask that a Board member present this motion for discussion.

Respectfully submitted

Rich Robertson

Clair Rose Hill Wash Committee