

## Notice of Section 401 Application Reception

**File Number:** 332023-02

**Project Name:** Arantine Hills Phase 4 (McMillan) Project

**Received:** 1/19/2023

**Date Posted:** 1/26/2023

**End of 21 Day Public Comment Period:** 2/15/2023

**Project City:** Corona

**Project County:** Riverside

**Applicant Organization:** Arantine Hills Holdings, LP

**Applicant Name:** Brian Milich

**Waterboard Staff:** HS

**Brief Description of Project:**

Project Description: The Project proposes to develop residential housing and associated infrastructure. With the development of the residential housing, Bedford Canyon Wash will be widened and restored, modeling the recent Agency approved Widened and Restored portion of Bedford Wash which is downstream of the Project. In 2016 the Applicant received Resource Agency approvals for the Arantine Hills project in Corona, which included the widening and restoring of Bedford Canyon Wash downstream of the current Project site. The widening and restoring of the lower portion of Bedford Wash adjacent to Arantine Hills created the model of approvals and restoration that can be followed for the upstream portion. The proposed plans for the upstream portion of Bedford Wash include similar widening, restoration, and Conservation Easement as the previously approved downstream portion of Bedford Wash.

Project Activities: The Wash will be widened from its approximate width of approximately 30 feet to an approximate invert width of approximately 125 feet. Buried rock grade control structures will be placed in several general locations, downstream of the debris basin and underneath a potential future bridge (to be built by others) to maintain the elevation of the channel invert and reduce erosion. The grade control structures include a bottom layer of grouted rip rap, upper layer of ungrouted rip rap, and a concrete cut-off wall. The concrete cut-off wall consists of a 1-foot thick concrete curb on the upstream and downstream sides of the grade control structures, which minimizes the potential for riprap to dislodge during large storm events. The grade control structures would be buried with a minimum of 18 inches of soil and planted with alluvial fan sage scrub seed mixture. Both banks of the Wash must be protected from scour and erosion. Protection on both sides of the Wash will consist of buried ungrouted riprap with soil placed over the bank protection to support establishment of vegetation.