



Katie Hobbs
Governor

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY



Karen Peters
Director

Clean Water Act § 401 Water Quality Certification Daytona 4 Wash Stabilization

1. Authorization

This State Water Quality Certification (WQC) is issued by the Arizona Department of Environmental Quality (ADEQ) under the authority of § 401(a) of the Federal Clean Water Act (CWA) (33 U.S.C. § 1251 et seq.) and Arizona Revised Statutes (ARS) § 49-202.

Based on the information provided and identified in Section 3, ADEQ certifies that the proposed activities for the Daytona 4 Wash Stabilization Project will not violate applicable Surface Water Quality Standards (SWQS) in Daytona Wash and downstream, in the Colorado River.

a. Location

Latitude: 34.465923 Longitude: -114.324102

ADEQ PLC: 233629

ADEQ LTF: 98908

b. Project Proponent Information

City of Lake Havasu
Mike Wolfe
900 London Bridge Road
Lake Havasu, AZ 86403

Authorizing Signature

Trevor Baggioire
Water Quality Division
Arizona Department of Environmental Quality

Date

Phoenix Office

1110 W. Washington St. | Phoenix, AZ 85007
602-771-2300

Southern Regional Office

400 W. Congress St. | Suite 433 | Tucson, AZ 85701
520-628-6733

azdeq.gov

2. Description of Certified Activities

Daytona Wash 4 is an unimproved, natural channel with upstream and downstream roadway grade control located at Snead Drive and Oak Drive, respectively. The area of work in the channel is approximately 1,650 feet in length. Approximately 550 feet downstream of Snead Drive is the confluence with the Green Drain. The Upper Reach of Daytona Wash 4 is considered downstream of the Green Drain. Channel banks are considered steep to very steep; Upper Reach channel bank slopes are typically steeper. Bank material, particularly in the right bank of the Upper Reach, is considered erodible to highly erodible. Residential development flanks either side of the channel, and over time has become susceptible to the risk of damage from catastrophic channel bank failure. The project seeks to restore local channel stability.

The project proposes to provide channel stabilization using the following measures:

- A rectangular concrete channel extending downstream from Snead Drive through the confluence with the Green Drain (Upper Reach of Daytona Wash 4);
- An improved natural-bottom channel section having riprap-lined channel banks from just below the Green Drain confluence to Oak Drive (Lower Reach of Daytona Wash 4);
- A section of concrete channel transition in the vicinity of the Green Drain confluence that ties together the Upper Reach rectangular concrete channel section and the Lower Reach channel section;
- Two concrete drop structures located within the Lower Reach of Daytona Wash 4; and
- Concrete armoring of the Green Drain in the vicinity of the confluence with Daytona Wash

During construction temporary impacts to Daytona Wash from this project will be 0.01 acres and permanent impacts will be 0.89 acres, however the project will result in a net benefit to the system and a safer, more stable channel.

3. Information Reviewed

During the development of this WQC, ADEQ had access to and reviewed the following documents, which are on file with ADEQ:

- A. CWA § 401 WQC application package including the USACE PCN application and associated details, plans and maps; dated and received by ADEQ on May 17, 2023. Permittee: City of Lake Havasu, Mike Wolfe.
- B. USACE Public Notice: Daytona 4 Wash Stabilization Project, comment period March 13 – April 13, 2023. USACE Project Manager, Therese Carpenter.

- C. State of Arizona Surface Water Quality Standards (SWQS), Arizona Administrative Code (A.A.C.) Title 18, Chapter 11, Article 1, Appendix B. Designated uses for the Daytona Wash are: Aquatic and Wildlife Ephemeral (A&We) and Partial Body Contact (PBC).

4. Notification Provisions

For any correspondence regarding this project, the ADEQ mailing address is:

Arizona Department of Environmental Quality
Rosi Sherrill
Surface Water Permits / 401 WQCs
1110 West Washington Street, Phoenix, Arizona 85007

For questions or general comments:

Email: sherrill.laurie@azdeq.gov Voice: (602) 771-4409

In any correspondence, please reference:

Daytona 4 Wash Stabilization Project

USACE File No.: SPL-2022-00618

ADEQ LTF No.: 98908

5. Certification Notes:

This Certification applies only to the activities described in Section 2 and is based upon the information listed in Section 3. This Certification is valid for the same period as the CWA 404 permit issued by the USACE. The project proponent must apply for renewal, modification or extension of this Certification if the CWA 404 permit is renewed, modified, extended or otherwise changed.