

STAFF REPORT

Date: December 13, 2023

To: Mayor and City Council

Thru: Doug Thornley, City Manager

Subject: Staff Report (For Possible Action): Approval of an Amendment for the Environmental Protection Agency (EPA) 319(h) Grant issued by the Nevada Division of Environmental Protection (NDEP) for the Chalk Creek Channel Stabilization and Erosion Control Project to extend the Grant through December 31, 2024.

From: Theresa Jones, Senior Civil Engineer

Department: Utility Services

Summary:

This Amendment extends the Environmental Protection Agency (EPA) 319(h) grant through December 31, 2024. This is a request to extend the existing expiration date from December 31, 2023, to December 31, 2024. No additional funds are requested. The EPA 319(h) grant for the stabilization of the Upper Chalk Creek channel, from upstream of the intersection of Sapphire Ridge Way and Robb Drive to West Seventh Street (Figure 1), was approved by Council on June 9, 2021, and expires on December 31, 2023.

Alignment with Strategic Plan:

Infrastructure, Climate Change, and Environmental Sustainability

Previous Council Action:

June 9, 2021: Council approved the EPA 319(h) grant issued by NDEP for the Chalk Creek Channel Stabilization and Erosion Control Project in the amount of \$125,000 with a 100% match required by the City of Reno.

Discussion:

Ongoing erosion in this section of Chalk Creek encroaches into private property and undermines improvements installed with the original development, including storm drainpipe, geotextile turf reinforcement mat, rock check dams, and vegetation plantings. Channel incision to six feet deep occurs in some channel sections (Figure 2).



Figure 1. Location



Figure 2. Channel erosion

Deposition of eroded sediments further downstream buries channel vegetation and clogs culverts, increasing maintenance costs. The 319(h) grant is being used to help pay for channel stabilization design and construction costs. The amount remaining in the grant is \$27,123 which will be used to pay for a portion of construction management services once construction is underway. The City had some delays in acquiring the U.S. Army Corps of Engineers (USACE) permit; however, now that the permit is secured, staff plans to advertise in early spring and anticipate returning to Council for the construction award in May 2024.

Financial Implications:

If this grant is not extended, the City will lose \$27,123 of grant funds remaining in the 391(h) grant.

Legal Implications:

The Amendment extends the time of the grant through the end of 2024.

Recommendation:

Staff recommends Council sign the Grant Amendment extending the timeline of the EPA 319(h) Grant for the Chalk Creek Channel Stabilization and Erosion Control Project and authorize the Mayor to sign.

Proposed Motion:

I move to approve staff recommendation.

Attachments:

DEPS 21-031-1 Amendment