



October 30, 2025

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Subject: Urgency for Permanent Channel Stabilization at Tukwet Canyon Sewer Crossing

Dear Wayne,

This letter serves to emphasize the critical urgency of implementing the proposed permanent channel stabilization for protecting both the sewer and storm drain infrastructure located at the Morongo Golf Club at Tukwet Canyon. This immediate action is required to prevent the failure of essential public services – namely, the already undermined 15-inch PVC sewer main and manhole, as well as the storm drain outlet structure just downstream of the manhole.

As outlined in the Preliminary Design Report prepared in May 2025, the erosion within the unnamed channel has reached a severe state, with vertical incising of 8 to 12 feet since 2004 and significant horizontal bank failures. The March 2025 sewer spill—caused by undermining of the 15-inch PVC sewer main and manhole—necessitated emergency repairs, including a realigned sewer line encased in steel. However, this temporary solution remains highly vulnerable.

The channel continues to exhibit aggressive erosion patterns, particularly near the storm drain outlet structure, which itself is at risk of structural compromise. With an estimated 100-year peak flow rate in the channel of 950 cfs at the outfall, any significant storm event poses a serious threat of washing away the temporary repair and further damaging public infrastructure.

The proposed stabilization design restores channel elevations to approximate 2004 conditions, provides protective cover over the sewer line, and incorporates energy dissipation features to mitigate flow velocities. Delaying construction increases the likelihood of infrastructure failure, environmental contamination, and costly emergency interventions.



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We therefore strongly urge the City to take immediate action to authorize the construction of the stabilization structure and thus safeguard these essential public assets by preventing further erosion-related hazards.

Respectfully,

TORY R. WALKER, PE, CFM, QISP

President