

Site 56 – Pinole Creek Tributary

Site Coordinates

566485, 4202587

Site Datum:

UTM WGS 1984

Primary Attributes		Confinement Class	WC (h)
Entrenchment Ratio	Varies (h)	Active bank erosion	High (h)
Entrainment Ratio	2.7 (h)	Active sediment supply	High (h)
Secondary Attributes		Bed Materials	Silt/Sand
Bankfull Width (ft)	2	Bank Materials	silty sand
Bankfull Depth (ft)	2.0	Average Gradient	4.04%
Width/Depth Ratio	1.0 (h)	CLASSIFICATION	High

(m) = Medium Criterion; (h) = High Criterion

RISK JUSTIFICATION: Primary attributes are high. Channel actively degrading. Incision leading to active bank slumping and instability. Secondary criteria also trending to high risk.



SITE NOTES: Massive degradation of channel due to incision and destabilized bank failures under existing land-uses. Degradation partially due to poorly designed and/or maintained infrastructure.



