

**Site 56 – Pinole Creek Tributary****Site Coordinates****566485, 4202587****Site Datum:****UTM WGS 1984**

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

*(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.





