

Site 32 – Marsh Creek

Site Coordinates

614520, 4205694

Site Datum:

UTM WGS 1984

Primary Attributes		Confinement Class	WC (h)
Entrenchment Ratio	2.67 (m)	Active bank erosion	Low (m)
Entrainment Ratio	2.54 (h)	Active sediment supply	Low (m)
Secondary Attributes		Bed Materials	Clay silt (m)
Bankfull Width (ft)	12	Bank Materials	silt loam (h)
Bankfull Depth (ft)	3.5	Average Gradient	0.17%
Width/Depth Ratio	3.4 (h)	CLASSIFICATION	MEDIUM

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

RISK JUSTIFICATION: Primary attributes are mixed. Predominantly cohesive clay substrate with patches of silty deposits. Low grade implies incision unlikely. Levees well developed and apparently stable, although not hardened.



SITE NOTES: Trapezoidal channel confined within constructed levees. Well vegetated. Minor internal meandering within levee caused by localized point bars. Terrace formed within levees implies excess capacity within the levee. Simplified channel morphology. Cohesive clay substrate with limited non-cohesive sediment in transit.



