Initial setting: Beds of existing streams or constructed channels where damaging degradation or aggradation cannot be controlled by other means.

Channel Bed Stabilization (584)

Stream channel no longer aggrades or degrades.

D.1 (-) Streambank and/or bed erosion.
D.2 (-) Tributary gully erosion
D.3 (-) On-site sediment deposition
D.4 (+) Stream water surface profile
D.5 (+) Streambank vegetation

I.1 (+) Damages from suspended sediment leaving site
I.2 (+) Structural wildlife habitat elements
I.3 (+) Floodplain floodwater storage.
I.4 (+) Groundwater storage
I.5 (+) Plant suitability for wildlife habitat
I.6 (-) Water temperature
I.7 (+) Wildlife cover
I.8 (+) Wildlife food

C.1 (+) Water Quality
C.2 (+/-) Land use efficiency and area for flood-tolerant agricultural usage or other usage consistent with intermittent flooding.
C.3 (+) On-site flood frequency and duration
C.4 (-) Off-site flood frequency and duration
C.5 (+) Water Quantity
C.6 (+) Fish and Wildlife habitat

Notes:
Effects are qualified with a plus (+) or minus (-). These symbols indicate only an increase (+) or a decrease (-) in the effect upon the resource, not whether the effect is beneficial or adverse.

LEGEND
I. Indirect effect
C. Cumulative effect
D. Direct effect
# Created by
Mitigating practice
Associated practice
Pathway