NRCS CONSERVATION PRACTICE EFFECTS - NETWORK DIAGRAM

Initial setting: Small area, less than 5 acres in size, of excavated materials removed during construction or maintenance of a ditch or open channel

Start

1. Linear mounds of excavated material alongside a ditch or open channel. Material is shaped and smoothed to allow for drainage and revegetation

D.1 (-) Overland flow, (+) concentrated flow

D.2 (+) Low berm areas adjacent to channel or ditch

D.3 (-) Riparian vegetation

D.4 (+) Open space adjacent to stream or ditch

D.5 (+) Cost of implementation

D.6 (+) Undesired plant growth

D.7 (+) Land suitable for intended use

Grade Stabilization Structure (410)

I.1 (+) Gully erosion

I.3 (+) Sediment and other contaminants to receiving waters

I.4 (+) Soil erosion

I.5 (-) Soil quality

I.6 (+) Desired plant regrowth

I.7 (-) Soil erosion

I.8 (+) Soil quality

I.9 (-) Riparian species

I.10 (+/-) Riparian habitat

I.11 (+) Soil carbon storage

I.12 (+) Habitat fragmentation

I.13 (+/-) Wildlife habitat and populations

I.14 (+) Maintenance of flow conditions

I.15 (-) Onsite flooding

I.16 (+) Access to riparian corridor

Access Road (560)

Critical Area Planting (342)

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Tree/Shrub Establishment (612)

Conservation Cover (327)

Riparian Forest Buffer (391) or Riparian Herbaceous Cover (390)

C.1 (+/-) Quality of receiving waters

C.2 (+/-) Income and income stability (individuals and community)

C.3 (+/-) Biodiversity

I.1 (+) Gully erosion

I.2 (+/-) Net return

I.7 (-) Soil erosion

I.8 (+) Soil quality

I.9 (-) Riparian species

I.10 (+/-) Riparian habitat

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Legend

# Created by practice
D Direct effect
I Indirect effect
C Cumulative effect

Pathway

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.