NRCS CONSERVATION PRACTICE EFFECTS - NETWORK DIAGRAM

Initial setting: Excessive surface or ground water limiting crop or forage production that is not in a designated wetland, with surface drainage, field ditch, or subsurface drain supplying water.

Surface Drain, Main or Lateral (608)

1. Excavated surface channel and stable water outlet

D.1 (+) Barriers/wildlife habitat fragmentation
D.2 (+) Surface water runoff
D.3 (-) Subsurface water level
D.4 (-) Ponding of water
D.5 (+) Cost of installation and maintenance
D.6 (+) Disturbed areas, exposed soil

I.1 (-) Wildlife movement (species dependent)
I.2 (-) Wildlife range and distribution (species dependent)
I.3 (+) Offsite surface water
I.4 (+) Soil erosion
I.5 (+/-) Sediment and particulate contaminants (including pathogens) to surface waters
I.6 (+/-) Aquatic habitats
I.7 (+) Dissolved contaminants (including nutrients) to surface waters
I.8 (+) Growing environment for desired plants
I.9 (+) Crop and forage production
I.10 (+) Potential income
I.11 (+) Net returns to producer

C.1 (+/-) Quality of receiving waters
C.2 (+/-) Fishable and swimmable waters, health and safety issues for humans, domestic and wild animals
C.3 (+/-) Income and income stability (individuals and community)
C.4 (+/-) Aquatic habitats
C.5 (+/-) Fishable and swimmable waters, health and safety issues for humans, domestic and wild animals
C.6 (+/-) Aquatic wildlife, health and safety issues for humans, domestic and wild animals
C.7 (+/-) Aquatic habitats, health and safety issues for humans, domestic and wild animals
C.8 (+/-) Aquatic wildlife, health and safety issues for humans, domestic and wild animals
C.9 (+/-) Aquatic habitats, health and safety issues for humans, domestic and wild animals
C.10 (+/-) Aquatic wildlife, health and safety issues for humans, domestic and wild animals

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.