NRCS CONSERVATION PRACTICE EFFECTS - NETWORK DIAGRAM

January 2015

Initial setting: Animal carcass treatment or disposal is needed as a component of a CNMP or waste management system for livestock or poultry operations.

1. An on-farm facility dedicated to the treatment or disposal of livestock and poultry carcasses

2. Visual object

D.1 (+) Prevention of interaction between animal mortality and predators/scavengers
D.2 (+) Ability to properly treat and/or dispose of animal mortality
D.3 (+) Options for handling normal and catastrophic mortality events
D.4 (+) Cost of installation, operation, and maintenance
D.5 (+) Labor required operating and maintaining facility
D.6 (+) Energy use when incinerators, burial, or freezers employed
D.7 (-) Visual quality

I.1 (-) Spread of diseases and pathogens
I.2 (-) Potential for water pollution
I.3 (-) Nutrients, organics, and pathogens in surface and groundwater
I.4 (-) Odors
I.5 (-) Odor complaints from neighbors
I.6 (-) Methane produced
I.8 (-) Spread of diseases and pathogens
I.9 (+) Agribusiness
I.10 (+/-) Net returns to producer
I.11 (-) Cost of future regulatory compliance

C.1 (+) Quality of receiving waters
C.2 (+) Air quality
C.3 (+) Health of humans, domestic animals, and wildlife
C.4 (+) Income and income stability (individuals and community)
C.5 (+) Health of humans, domestic animals, and wildlife
C.6 (+) Air quality
C.7 (+) Quality of receiving waters
C.8 (+) Health of humans, domestic animals, and wildlife
C.9 (+) Income and income stability (individuals and community)
C.10 (+) Health of humans, domestic animals, and wildlife
C.11 (+) Air quality
C.12 (+) Quality of receiving waters
C.13 (+) Health of humans, domestic animals, and wildlife
C.14 (+) Income and income stability (individuals and community)

Waste Storage Facility (313)
Roofs and Covers (367)
Composting Facility (317)
Nutrient Management (590)
Critical Area Planting (342)
Emergency Animal Mortality Management (368)
Windbreak/Shelterbelt Establishment (380)

LEGEND
Mitigating practice
Associated practice
# 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.