NRCS CONSERVATION PRACTICE EFFECTS - NETWORK DIAGRAM

Waste Facility Closure (360)

1. Stored contents removed
2. Existing structure demolished, breached, disassembled or otherwise altered to such an extent that no waste can be stored or impounded.
3. Existing lagoon or other structure for liquid waste storage converted to fresh water storage.

D.1 (-) Pollution of surface and groundwater resources (from existing facility)
D.2 (+) Vegetative growth
D.3 (+) Exposed soil
D.4 (-) Emissions: (-) Odor from existing waste storage structure; (-) Ammonia (NH3) emissions; (-) Methane (CH4) emissions; (-) Ozone precursors

I.1 (-) Nutrients, organics, pathogens, and salinity in surface and groundwater
I.2 (+) Soil Erosion (sheet and rill) short-term, during deconstruction and construction
I.3 (+) Sediment and turbidity in surface waters (short-term)
I.4 (+) Potential for leaching of excess nutrients and salinity from soil profile
I.5 (+) Nutrients and salinity to groundwater
I.6 (-) Groundwater quality
I.7 (-) Nutrients and salinity in soil profile
I.8 (+) Air quality
I.9 (-) Odor complaints from neighbors
I.10 (-) Potential liability.
I.11 (+) Increase water quantity and availability (long-term)
I.12 (+) Waterfowl and wildlife habitat.
I.13 (+/-) Income and income stability (individuals and communities)
I.14 (+) Health of humans, domestic animals, and wildlife.

Critical Area Planting (342)

C.1 (+) Quality of receiving surface and groundwater resources
C.2 (+) Soil quality
C.3 (+) Air Quality in the airshed
C.4 (+) Health of humans, domestic animals, and wildlife.
C.5 (+/-) Income and income stability (individuals and communities)
C.6 (+) Health of beneficial insects and fish
C.7 (+) Waterfowl and wildlife habitat
C.8 (-) Risk to humans, livestock and wildlife; (-) Safety hazard

D.5 (-) Risk to humans, livestock and wildlife; (-) Safety hazard
D.6 (+) Cost of deconstruction/construction, and operation and maintenance (if project involves a conversion).
D.7 (+) Fresh water storage
D.8 (+) Potential for leaching of excess nutrients and salinity from soil profile
D.9 (+) Potential for leaching of excess nutrients and salinity from soil profile
D.10 (+) Health of humans, domestic animals, and wildlife.
D.11 (+) Increase water quantity and availability (long-term)

Legends:
- #. Created by practice
- D. Direct effect
- I. Indirect effect
- C. Cumulative effect
- Pathway

Note: 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.

Initial Setting: Onsite facilities, no longer needed/used for their intended purpose, where agricultural wastes were handled, treated, and/or stored.