Short-Term Storage of Animal Waste and Byproducts (318)

1. Temporary site(s) dedicated to short-term storage process
   - D.1 (+) Perceived nuisance
   - D.2 (+) Infrastructure and operational costs
   - D.3 (+) Manure temporarily stored until needed

2. Material stockpiled in field
   - I.1 (+) Agribusiness
   - I.2 (-) Nutrients to surface and groundwater
   - I.3 (-) Noxious algal growth
   - I.4 (+) Dissolved oxygen surface waters
   - I.5 (+) Meeting water quality standards
   - I.6 (+) Crop or forage production

3. Visual object
   - C.1 (-/+ ) Habitat suitability/health for humans
   - C.2 (-/+ ) Income stability (individuals and community)
   - C.3 (+) Stream fauna, e.g., fish, invertebrates
   - C.4 (+) Aquatic health for humans and domestic and wild animals
   - C.5 (+) Air quality in the airshed
   - C.6 (+) Meeting water quality standards
   - C.7 (-) Manure temporarily stored until needed
   - D.5 (-) Visual quality

Start

Initial setting: AFO is established and wants to temporarily store animal waste in a field on a short term basis.

Stockpile is a specified distance from surface waters. Vegetative buffers downstream of stockpile filter runoff.

Waste Recycling (633)
Nutrient Management (590)

Cover with water-resistant material.

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

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.