Waste Separation Facility (632)

1. Physical structure to separate solids from liquids.

D.1 (+) Ability to manipulate waste stream and handle wastes as separate solid and liquid components.

I.1 (+) Nutrient-laden liquids available for irrigation.
I.2 (-) Wear and tear on irrigation equipment
I.3 (-) Maintenance costs
I.4 (+) Alternatives for solid waste utilization
I.5 Nutrient transport to receiving waters
I.6 (+) Organic matter content in land-applied waste
I.7 (+) soil quality
I.8 (+) Plant health and vigor, productivity
I.9 (+) Potential income
I.10 (+/-) Net returns
I.11 (-) Cost of future regulatory compliance
I.12 (-) Odor
I.13 (-) Greenhouse gas emissions
I.14 (+) Operational efficiency / flexibility
D.2 (+) Cost of installation, operation, and management.

Legends:
- **Mitigating practice**
- **Associated practice**

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.

Initial setting: Farmstead where there is a need to separate solids from liquids in a waste stream using mechanical separation.

Start

Nutrient Management (590)
Waste Recycling (633)
Composting Facility (317)
C.1 (+) Water quality
C.2 (+) Public / private health and safety, community relations
C.3 (+/-) income and income stability (individuals and community)
C.4 (+) Air quality
C.5 (-) Greenhouse gas emissions
C.6 (-) Odor
C.7 (-) Cost of installation, operation, and management.
C.8 (-) Maintenance costs
C.9 (-) Nutrient-laden liquids available for irrigation.
C.10 (-) Wear and tear on irrigation equipment