Glasgow, Kentucky
Stormwater Best Management Practices (BMPs)
Site Planning and Design Practices (SPDs)

SPD-03.4

Activity: Disturbed Area Stabilization (Mulch)

PLANNING CONSIDERATIONS:

Design Life:
1 yr

Acreage Needed:
Minimal

Estimated Unit Cost:
Low

Monthly Maintenance:
N/A

Target Pollutants

Significant ♦ Partial ◈ Low or Unknown ♢

Sediment ♦ Heavy Metals ♢ Nutrients ♢ Oxygen Demanding Substances ♢ Toxic Materials ♢
Oil& Grease ♢ Bacteria & Viruses ♢ Floatable Materials ♢ Construction Waste ♢

Description

Mulch is used to promote vegetation during vegetative stabilization practices to reduce stormwater runoff and erosion, conserve moisture, promote germination of seed, prevent surface compaction or crusting, protect seed from birds, modify soil temperature and increase biological activities in the soil.

Suitable Applications

- Cleared areas where seed may not promote an erosion-retardant cover.
- Protection of seed from birds.
- Reduction of soil surface temperature is desired.

Design Criteria

- Select mulching material depending on desired soil coverage.
- Anchor mulch immediately after application.
- Refer to EPP-10 Mulching for more information regarding design and installation of this BMP.