BMP: Hydromulching



OBJECTIVES

- □ Housekeeping Practices
- ☐ Contain Waste
- ☐ Minimize Disturbed Areas
- Stabilize Disturbed Areas
- ☑ Protect Slopes/Channels
- □ Control Site Perimeter
- ☐ Control Internal Erosion

DESCRIPTION:

A combination of wood fiber mulch, processed grass, or hay or straw mulch and a tacking agent. It is made into slurry, and then applied to bare slopes or other bare areas to provide temporary stabilization.

APPLICATIONS:

- ► Small roadside slopes.
- ► Large, relatively flat areas.

INSTALLATION/APPLICATION CRITERIA:

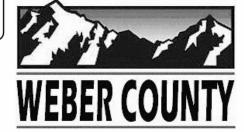
- ▶ Legume seeds should be pellet inoculated with the appropriate bacteria.
- ► The seed should not remain in the hydromulcher tank for more than 30 minutes.
- ▶ Wood fiber may be dyed to aid in uniform application.
- ▶ Slurry should be uniformly applied until an adequate coverage is achieved.
- ► The applicator should not be directed at one location for a long period of time; erosion will occur.

LIMITATIONS:

- ► Will lose effectiveness after 1 year.
- Can use only on physically stable slopes (at natural angle of repose, or less).

MAINTENANCE:

- Periodically inspect for damage caused by wind, water, or human disturbance.
- Promptly repair damaged areas.



ENGINEERING DEPARTMENT

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TARGETED POLLUTANTS

- Sediment
- □ Nutrients
- □ Toxic Materials
- ☐ Oil & Grease
- Floatable Materials
- □ Other Waste
- High Impact
- Medium Impact
- □ Low or Unknown Impact

IMPLEMENTATION REQUIREMENTS

- Capital Costs
- ☐ O&M Costs
- □ Maintenance
 - Training
- High
- Medium
- □ Low