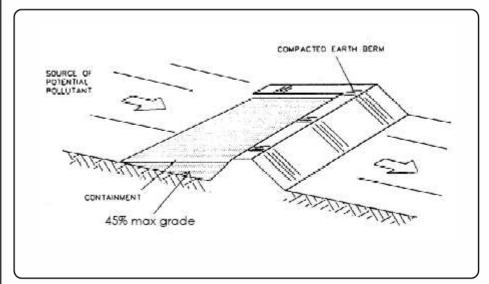
BMP: Earth Berm Barrier



OBJECTIVES

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

ENGINEERING DEPARTMENT

2380 Washington Blvd., Suite 240 Ogden, UT 84401 (801) 399-8374

DESCRIPTION:

A temporary containment control constructed of compacted soil.

APPLICATION:

- ► Construct around waste and materials storage area.
- Construct around staging and maintenance areas.
- Construct around vehicle parking and servicing areas.

INSTALLATION/APPLICATION CRITERIA:

- Construct an earthen berm down hill of the area to be controlled. The berm should surround fueling facilities and maintenance areas on three sides to provide containment.
- Berm needs to be a minimum of 1 foot tall by 1 foot wide and be compacted by earth moving equipment.

LIMITATIONS:

- Not effective on steep slopes.
- ▶ Limits access to controlled area.
- ▶ Personnel need to quickly respond to spills with remedial actions.

MAINTENANCE:

- Observe daily for any non-stormwater discharge.
- ▶ Look for runoff bypassing ends of berms or undercutting berms.
- Repair or replace damaged areas of the berm and remove accumulated sediment.
- Recompact soil around berm as necessary to prevent piping.

TARGETED POLLUTANTS

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

IMPLEMENTATION REQUIREMENTS

- Capital Costs
- ☐ O&M Costs
- Maintenance
 - Training
- High

- Medium
- □ Low