



OBJECTIVES

- 9 Housekeeping Practices
- 9 Contain Waste
- 9 Minimize Disturbed Areas
- : Stabilize Disturbed Areas
- : Protect Slopes/Channels
- 9 Control Site Perimeter
- 9 Control Internal Erosion

DESCRIPTION:

A small, temporary dam constructed across a drainage ditch to reduce velocity of concentrated storm water flows, thereby reducing the erosion of the ditch.

APPLICATION:

- < Temporary drainage paths
- < Permanent drainage ways not yet stabilized
- < Existing drainage paths receiving increased flows due to construction

INSTALLATION/APPLICATION CRITERIA:

- < Prepare location of dam by removing any debris and rough grading any irregularities in channel bottom
- < Place rocks by hand or with appropriate machinery, do not dump
- < Construct dam with center lower to pass design flow
- < Construct 50% side slopes on dam

LIMITATIONS:

- < Maximum recommended drainage area is 10 acres
- < Maximum recommended height is 24"
- < Do not use in running stream

MAINTENANCE:

- < Inspect dams daily during prolonged rainfall, after each major rain event and at a minimum of once monthly.
- < Remove any large debris and repair any damage to dam, channel or sideslopes
- < Remove accumulated sediment when it reaches one half the height of the dam



TARGETED POLLUTANTS

- ▬ Sediment
- 9 Nutrients
- 9 Toxic Materials
- 9 Oil & Grease
- 9 Floatable Materials

▬ High Impact
: Medium Impact
9 Low or Unknown Impact

- 9 Other Waste

IMPLEMENTATION REQUIREMENTS

- : Capital Costs
- 9 O&M Costs
- : Maintenance

▬ High	: Medium	9 Low
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- 9 Training