



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

OBJECTIVES

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



WEBER COUNTY

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