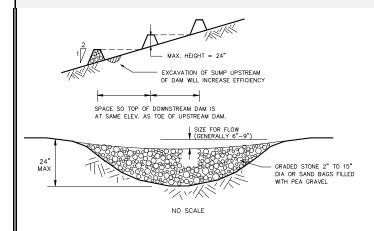
BMP: Rock Check Dams



OBJECTIVES

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

Article I. 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.

Article II. APPLICATION:

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

Article III. 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

Article IV. LIMITATIONS:

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

Article V. 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



PIONEERING UTAH'S FUTURE

ADAPTED FROM SALT LAKE COUNTY BMP **FACT SHEET**

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