

DESCRIPTION:

Slope construction with benches spaced at regular intervals perpendicular to the slope which intercept and collect sheet flow and direct it to a stable outfall point.

APPLICATION:

- ▶ Unstabilized cut and fill slopes
- ▶ Large stockpiles
- ▶ Existing unstable slopes

INSTALLATION/APPLICATION CRITERIA:

- ▶ Benches should be formed as slope is constructed and graded to the outlet point.
- ▶ Stabilized outlet with sediment controls should be in place prior to slope construction.

LIMITATIONS:

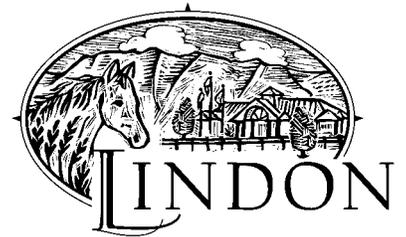
- ▶ Construction slope design must accommodate benching
- ▶ Not appropriate for sandy or rocky soil
- ▶ Only effective if suitable outlet provided

MAINTENANCE:

- ▶ Inspect after major storm events and at least biannually, repair any damaged areas
- ▶ Remove debris blocking water flow
- ▶ Inspect outlet, repair/replace sediment controls and remove sediment build up.

OBJECTIVES

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



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