

Chapter 3 - OVERVIEW OF EROSION, SEDIMENT, AND STORMWATER CONTROL PRACTICES (BMPS)

SLOPE DRAIN

A temporary flexible tubing designed to convey concentrated runoff down the face of a disturbed slope is an effective gully prevention practice especially in the early stages of project development. Temporary slope drains are usually installed in conjunction with temporary diversions that are located above cut or fill slopes. They may also serve as outlets for natural drainageways.

It is important that these temporary structures be sized, installed, and maintained properly as their failure will usually result in severe erosion of the slope. Proper backfilling and compaction are essential. Slope drains must extend downslope to stable outlets, or special outlet protection must be provided.

Temporary slope drains are often replaced with permanent structures when final grading is complete.



Temporary slope drain conveys concentrated flow safely down a steep slope until permanent measures are installed.