

APPENDIX 12

Underground Outlet

DEFINITION: A conduit installed beneath the surface of the ground to collect surface water and convey it to a suitable outlet. Applicable Natural Resources Conservation Service (NRCS) conservation practice standard: Code 620.

PURPOSE: To dispose of excess water from terraces, diversions, subsurface drains, surface drains, trickle tubes, principal spillways from dams (outside the dam area only), or other concentrations without causing damage by erosion or flooding.

CRITERIA:

1. Underground outlets authorized by this General Permit (GP) must be constructed to meet requirements of Kansas Minimal Effect Exemption: KS-1 Terrace System Conversion from Grassed Waterway/Vegetated Outlet to Underground Outlet Worksheet.
2. Vegetation establishment associated with underground outlets must exclude Reed canary grass (*Phalaris arundinacea*) and other exotic or invasive species.
3. Underground outlets must discharge onto an area either stabilized with vegetation (i.e., grassed waterway, buffer vegetation), vegetative splash pad as illustrated in the attachments for the Kansas Minimal Effect Exemptions, or other similar area approved by NRCS.
4. Underground outlets **may not** discharge directly into a stream.
5. Trench excavation material may be temporarily side cast in waters of the United States, for up to 3 months, provided the material is not placed in such a manner that it is dispersed by flows, currents, or other events.
6. Drainage must be equal to or less than 80 acres.