

CONSERVATION PRACTICE STANDARD ADDENDUM

PA-620-2a

DESIGN CRITERIA - Outlets

QUANTITY:

The outlet shall be located to provide for adequate capacity to discharge the design flow from the subsurface system.

QUALITY:

The quality of water collected and discharged from subsurface drains must be considered when selecting an outlet. If there is a likelihood for the water to contain materials detrimental to water quality or aquatic life, the outlet shall be located as far as practical from a water body. Drains under, around or appurtenance to manure/wastewater storage facilities risk receiving pollution from spills, runoff and leaks. Drains discharging directly to streams or ground water substantially increase the liability of the landowner if there is a release of pollutants. Allow adequate opportunity to monitor and manage flow from these drains before it reaches streams or ground water. Whenever possible, outlets shall discharge into vegetated, stable outlets where flow can be observed and response taken, if needed. When necessary to outlet directly to water bodies, consider sumps to pump polluted discharges into filter areas, constructed wetlands or storages.

Known contaminated water shall not be discharged directly to water bodies.