

## SINKHOLE AND SINKHOLE AREA TREATMENT

### INSTRUCTION FOR USE OF CONSTRUCTION SPECIFICATION 527

#### 1. APPLICABILITY

The work shall consist of treating/closing sinkholes that pose a threat to farm safety or water quality.

This specification does not apply to closure of sinkholes that open into caves.

#### 2. ITEMS TO BE INCLUDED IN SECTION 5 AND/OR DRAWINGS

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| <ul style="list-style-type: none"> <li>a. Drawing depicting planned treatment/closure method. Use one of the PA Standard Drawings, PA-073 through -075 or a site specific design.</li> <li>b. Location of the sinkhole by latitude/longitude, township/range, or other geo-reference convention, of such precision that it can be readily located in the field, if required, in the future</li> <li>c. Date of sinkhole treatment/closure</li> <li>d. Name of landowner</li> </ul> | <ul style="list-style-type: none"> <li>e. Name, title, and address of person responsible for sinkhole treatment/closure</li> <li>f. Total depth of sinkhole to void, if found</li> <li>g. Inside dimensions of sinkhole</li> <li>h. Types of materials used for filling and sealing, quantities used, depth intervals for emplacement of each type, and emplacement method used.</li> <li>i. Safety components (e.g. gates, fencing, warning signs)</li> <li>j. Temporary and permanent vegetative requirements</li> <li>k. Reference to other practice specifications (e.g. 327, 342, 362, 382, 390, 391, 393, 412, 468, 472, 500, 512, 600, etc.), if applicable</li> <li>l. Erosion and sediment control measures</li> </ul> |
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