

# SECTION 13

## MINIMUM SETBACK RESTRICTIONS FOR SEPTIC SYSTEM COMPONENTS

The location of septic tank, pump tank, drainage improvement practices (i.e. curtain drains, drawdown drains, interceptor drains, terraces, vee-ditches, etc.) and platted or designated disposal field (conventional or alternative) installation areas shall be designed and/or selected in accordance with the minimum setback distances in Table S13-1.

Table S13-1      *NOTE: All distances refer to the amount of horizontal distance of separation.*

Physical Features (Natural, Cultural or Man-made)	Platted or Designated SSDS Area	Septic Tank, Pump Tank and/or <b>ATS unit</b>	House, Dwelling, or Structure	Solid PVC Piping <sup>5</sup>	Drainage Improvement Practice
Curtain or Interceptor Drain <sup>3</sup>	15 feet	5 feet	10 feet	5 feet <sup>11</sup>	-----
Dedicated/Platted Road R.O.W.	25 feet	25 feet	-----	5 feet	-----
Drainageway or Ditch (natural or man-made) <sup>3</sup>	25 feet	25 feet	-----	25 feet <sup>6</sup>	-----
Drawdown Drain <sup>3</sup>	25 feet	25 feet	10 feet	5 feet <sup>11</sup>	-----
Excavated Area (<18") <sup>2,3</sup>	10 feet	-----	-----	-----	-----
Excavated Area (>18") <sup>2,3</sup>	25 feet	10 feet	-----	-----	-----
Existing Agricultural Field Drain	25 feet	25 feet	-----	25 feet <sup>6</sup>	-----
Existing At-grade Driveways, Turnarounds, Parking Areas	10 feet	5 feet	-----	5 feet <sup>7</sup>	5 feet <sup>7</sup>
Driveways, Turnarounds and Parking Areas (>18") <sup>4</sup>	25 feet	5 feet	-----	5 feet <sup>7</sup>	5 feet <sup>7</sup>
Driveways, Turnarounds and Parking Areas (<18") <sup>4</sup>	10 feet	5 feet	-----	5 feet <sup>7</sup>	5 feet <sup>7</sup>
Drop-outs or Soil Pipes <sup>3</sup>	25 feet	25 feet	-----	-----	5 feet
Embankments or Escarpments (natural or man-made) <sup>3</sup>	25 feet	25 feet	-----	25 feet <sup>6</sup>	-----
Gullies or Ravines <sup>3</sup>	25 feet	25 feet	-----	25 feet <sup>6</sup>	-----
House or Structure (existing or proposed)	25 feet	10 feet	-----	10 feet	10 feet
Irrigation Systems (and/or associated components) <sup>9</sup>	10 feet	10 feet	-----	5 feet	5 feet
Overhead Utility Lines <sup>1</sup>	25 feet	25 feet	-----	25 feet <sup>8</sup>	10 feet
Platted Building Envelope	25 feet	-----	-----	-----	10 feet
Platted Drainage Easement	25 feet	10 feet	-----	5 feet	----- <sup>12</sup>
Porches, Decks and Patios	10 feet	10 feet	-----	5 feet	5 feet
Property Line	20 feet	20 feet	-----	10 feet	-----
Pump Tank	10 feet	-----	10 feet	-----	10 feet
Retaining Walls <sup>3</sup>	25 feet	25 feet	-----	25 feet <sup>6</sup>	-----
Roadside Ditch <sup>3</sup>	25 feet	25 feet	-----	25 feet <sup>6</sup>	-----
Septic Tank	10 feet	-----	10 feet	-----	5 feet
Sidewalks (<12") <sup>4</sup>	5 feet	5 feet	-----	5 feet <sup>7</sup>	5 feet <sup>7</sup>
Sidewalks (12"-18") <sup>4</sup>	10 feet	10 feet	-----	5 feet <sup>7</sup>	5 feet <sup>7</sup>
Sidewalks (>18") <sup>4</sup>	25 feet	25 feet	-----	5 feet <sup>7</sup>	5 feet <sup>7</sup>
Sinkholes (any type) <sup>3</sup>	25 feet	25 feet	-----	25 feet	5 feet
Stream Bank <sup>3</sup>	25 feet	25 feet	-----	25 feet <sup>6</sup>	-----
Swimming Pools; In-ground <sup>4</sup>	25 feet	15 feet	-----	15 feet	10 feet
Swimming Pools; Above-ground <sup>4</sup> (where any excavation is required)	25 feet	15 feet	-----	5 feet	10 feet
Swimming Pools; Above-ground (where no excavation is required)	15 feet	15 feet	-----	5 feet	5 feet
Underground Utilities: Main & Service Lines (gas, water, electric, etc.) <sup>1 &amp; 9</sup>	10 feet	10 feet	-----	5 feet	5 feet
Utility Easements <sup>1</sup>	10 feet	10 feet	-----	5 feet	5 feet <sup>12</sup>
Well, Spring or Cistern	50 feet	50 feet	-----	50 feet <sup>10</sup>	25 feet

NOTES:

- 1) Utility easements, overhead and underground, vary in width. Check with the appropriate utility company to verify the width of a particular easement. This task shall be the responsibility of the property owner, builder or installer.
- 2) Areas of excavation, regardless of the purpose of the excavation.
- 3) These setback distances may increase or decrease as site and soil conditions may warrant. Such decisions in these matters shall be made by a Department Soil Scientist.
- 4) These setback distances refer to the actual limits of the excavations (i.e. buffer distance required from the edge of the excavation) for the construction of these features as said excavations relate to the location of the platted or designated subsurface sewage disposal system areas.
- 5) The term *Solid PVC Piping* refers to all of the solid PVC piping components of any type of subsurface sewage disposal system. Said components include, but are not limited to: tight lines (i.e. piping leading from a septic tank to a disposal field), supply lines (i.e. piping from a pump to a disposal field or a controlled distribution device), pipe lines leading from distribution boxes to disposal field lines, etc.
- 6) These setback distances may be decreased to not less than five (5) feet, with the Department's prior written approval, if the solid pipe line is sleeved with a larger diameter pipe (in accordance with the provisions outlined in *Appendix 12*, pertaining to pipe sleeving), along the length of piping that is proposed to be less than twenty-five (25) feet from this feature.
- 7) These setback distances may be decreased or waived, with the Department's prior written approval, if the solid pipe line is sleeved with a larger diameter pipe (in accordance with the provisions outlined in *Appendix 12*, pertaining to pipe sleeving), along the length of piping that is proposed to be less than five (5) feet or directly under, in any manner, one of these man-made landscape features.
- 8) These setback distances may be decreased or waived, with the Department's prior written approval, if the solid pipe line is sleeved with a larger diameter pipe (in accordance with the provisions outlined in *Appendix 12*, pertaining to pipe sleeving), along the length of piping that is proposed to be less than twenty-five (25) feet from this type of utility line. Additionally, where the Department has approved such proposals and granted this specific waiver, the entire extent of the pipe line subject to this sleeving requirement, shall be buried a minimum of forty-two (42) inches deep in a trench which is not to exceed eighteen (18) inches in width.
- 9) There shall always be a minimum of a five (5) foot separation between subsurface sewage disposal system solid PVC piping components and any type of water line with no provision for any type of distance decrease or waiver. Should there exist the necessity to cross a water line with a solid PVC piping component, said crossing shall be in accordance with the provisions outlined in *Section 15, Subsection F, Part 33*.
- 10) This setback distance shall always apply to springs with no provision for any type of distance decrease or waiver. The setback distances may be decreased, for wells and cisterns, to not less than fifteen (15) feet, with the Department's prior written approval, if the solid pipe line is sleeved with a larger diameter pipe (in accordance with the provisions outlined in *Appendix 12*, pertaining to pipe sleeving), along the length of piping that is proposed to be less than fifty (50) feet from this feature. In any case involving a well, said well shall be permanently plugged and abandoned, and its use permanently discontinued, in accordance with the provisions outlined in *Appendix 17*.
- 11) This setback distance shall be used where solid PVC piping is routed parallel to these subsurface sewage disposal system components. Where said piping is to cross said components, the crossing shall be constructed in accordance with the provisions outlined in *Section 15, Subsection F, Part 24*.
- 12) This drainage improvement practice setback applies to all utility easements with the exception of Public Utility & Drainage Easements (PUDE), or similar combination easements where drainage is a component. In such case, refer to the setback restriction column for drainage improvement practices associated with Platted Drainage Easements.

ADDITIONAL SETBACK RESTRICTION INFORMATION:

Where a property has an existing subsurface sewage disposal system, there shall be no encroachments upon said existing system with any additions to a structure, with the placement of additional structures or with the replacement of structures (i.e. the setting of a new permanent dwelling, modular home, mobile home, etc. that is intended to replace another, older or destroyed dwelling) so as to be in violation of the aforementioned setback restrictions. The setback restrictions shall apply to any and all properties where a septic system is to be, or is proposed to be, utilized.

The aforementioned setback restrictions, regarding houses, dwellings and structures, shall apply to those structures, and their associated perimeters and/or excavations, that are permanently affixed to the land surface via any type of foundation (e.g. continuous concrete slab and block foundation, patterned concrete slabs and block pillar foundation, large continuous concrete slab, etc.) or other types of construction methods (e.g. the setting of structural posts into the ground intended to support a structure such as a deck, shed, barn, etc.) used to setup and support a permanent structure.