

APPENDIX A

MINIMUM HORIZONTAL DISTANCES (in feet) BETWEEN COMPONENTS OF AN ON-SITE WASTEWATER TREATMENT SYSTEM AND PERTINENT PHYSICAL FEATURES

	Spring, Wells, Suction Lines	Potable Water Supply Line	Potable water Supply Cistern	Dwelling Occupied Building	Property Lines, Piped or Lined Irrigation Ditch	Subsoil Drains, Intermittent Irrigation Lateral	Lake, Water course, Irrigation ditch or Stream	Dry Gulches	Septic Tank
Seepage Pit or Slit Trench	(3) 100	(4)(2) 50	25	20	25	10	(3) 50	(3) 25	6
Absorption Trench, Seepage Bed, Sand Filter, Sub-surface Dispersal System, or Drywell	(3) 100	(4)(2) 25	25	20	10	10	(3) 100 ⁽⁵⁾	(3) 25	6
Unlined or Partially lined Evapotranspiration System, Wastewater Pond (lagoon), or Surface Disposal System Other than Aerosol	100	(4)(2) 25	25	15	80*	10	25	15	10
Lined Sand Filter	60	(4)(2) 10	25	15	10	10	25	10	5
Lined Evapotranspiration Field or Lined Wastewater Pond	60	(4)(2) 10	25	15	10	10	25	10	5
Pit Privy or Vault Privy	50	(4)(2) 10	25	15	10	10	25	10	--
Septic Tanks, Treatment Plants, Dosing Tanks, Vaults	(2) 50	(4)(2) 10	25	(1) 5	10	10	50	10	--
Building Sewer or Effluent Lines	(2)(4) 50	(4)(2) 10	(4) 25	0	(2)(4) 10	(4) 10	(2)(4) 50	(2)(4) 10	--

Footnotes on the following page.

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NOTE: The minimum distances shown above shall be maintained between the system components and the physical features described. Where soil, geological or other conditions warrant, greater distance may be required. Components which are not watertight should not extend into area of the root system of nearby trees. For repair or upgrading of existing systems where the size of lot precludes adherence to these distances, repaired facility shall not be closer to water supply components than the existing facilities.

- (1) Distance shown shall not apply to treatment plants or effluent lines where recycling is permitted.
- (2) Crossings or encroachment may be permitted at the points as noted above provided that the water conveyance pipe is encased for a minimum distance of ten (10) feet on each side of the crossing. A length of pipe shall be used with a minimum Schedule 40 rating of sufficient diameter to easily slide over and completely encase the water conveyance. Ridged end caps of at least Schedule 40 rating must be glued or secured in a watertight fashion to the ends of the encasement pipe. A hole of sufficient size to accommodate the pipe shall be drilled in the lower most section of the ridged cap so that the conveyance pipe rests on the bottom of the encasement pipe. The area in which the pipe passed through the endcaps shall be sealed with an approved underground sealant compatible with the piping used.
- (3) Add 8 feet additional distance for each 100 gallons per day over 1,000 gallons, as specified in the table, unless it can be demonstrated by a registered Professional Engineer or Geologist that a mechanical or natural barrier will prevent contamination.
- (4) Encroachments may be permitted provided the water or wastewater conveyance pipe is encased as in (2) above, specified in the table.
- (5) Distances of 50-100 feet can be considered, provided method of treatment and disposal is reviewed and approved by the Department.

80* Horizontal setback for existing lagoons (i.e., wastewater ponds) from property lines, permitted in 1997-2003. Note: (40') 1986-1996 & (10') prior to 1986.