

TOWN OF COVENTRY

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Code Enforcement Officer
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Fee: \$25.00 / /

Application For A Sewage Disposal System

Property Owner:

Owner:

Mail Address:

Phone Number: Day: _____ Night: _____

Property Location:

Tax Map Number: _____ Number of Individuals: _____

Number of Bedrooms: _____ Lot Size: _____

Contractor: Name address and phone:

Signature

Date

Local Sanitary Officer:

Soil/Site Appraisal

1. Site is not lower than 10-year flood and slope is less than 15 degrees?
2. Six foot-deep hole shows four feet of useable soil above rock, impervious clay, groundwater?
3. Sewage system components meet following separation distances:
 - 150/100 feet to well, neighbors' wells?
 - 150/100 feet to stream, lake, wetland?
 - 10 feet to property line?

Percolation Tests

	<u>Perc. Hole #1</u>	<u>Perc Hole #2</u>
Run 1	_____ Minutes	_____ minutes
2	_____ Minutes	_____ minutes
3	_____ Minutes	_____ minutes

Average

Feet of absorption trench required

Number feet of trench divided by 60 (maximum run) _____ lines of absorption lines required. Caps at end of lines recommended.

Septic Tank

Check size of septic tank required

_____ 1,000 gal. _____ 1,250 gal. _____ 1,500 gal. _____ 1,750 gal.
(3 bdrm) (4 bdrm) (5 bdrm) (6 bdrm)

Distribution Box

Box leveled, set on 12 inches pea gravel, recommend speed levelers installed.

Sketch

Contractor provides simple sketch of system showing location of system components measured off to permanent object (house, etc.) Use one of the attached sheets.

Disposition

_____ Approved _____ Disapproved

Reason for disapproval and any recommendations:

Sanitary Officer's Signature/Date:

Town of Coventry

Sewage Disposal System Sketch

Please provide below a simple sketch of the sewage system. Show the property lines, house, driveway, well, septic tank, distribution box, absorption field lines and any other important features such as outbuildings, ponds, streams, etc. Show the distance to the well, property line, neighbors well if any. A couple of accurate measurements from a permanent object (house, etc.) to the septic tank and distribution box will be invaluable in locating them for future maintenance.

SEWAGE DISPOSAL SYSTEM SPECIFICATIONS

BUILDING SEWER

4 inch cast iron, leaded joints, or NSF approved DMV Schedule 40 plastic, water tight joints, minimum grade 1/4 inch per foot, supported to prevent settling. Minimum distance to well - 25 foot.

SEPTIC TANK

Water tight concrete or Com. Std. metal, UL approved. Minimum distance from house - 10 foot. From well - 50 foot. Support on undisturbed ground free of large stones. Washed gravel is best.

SEWER LINE FROM TANK TO TREATMENT AREA

DMV Schedule 40 or equivalent over disturbed ground. Tight joints. Minimum grade 1/8" per foot.

DISTRIBUTION BOX

Outlets all same level and 4 inch from bottom. Inlet at least 1 inch above outlets. Concrete or approved equivalent. Place on 12 inches bed of sand or pea gravel. Seal around outlets with roof cement. Test for proper operation with water. Strongly recommend installation of "speed levelers" and inspection and maintenance in spring following installation.

ABSORPTION FIELDS

Set parallel to land contours. Keep laterals out of driveway. Must be 100 feet from wells, watercourses. Use 4 inch perforated pipe. Maximum run = 60 feet. Grade from 1/32 to 1/16 inch per foot. Trenches usually run 24 inches wide. At least 4 foot undisturbed soil separating trenches required. Trench at least 18 inches deep. Rake smeared surfaces on bottom or side of trench. At least 6 inches of No. 1, 2, or 3 washed gravel or crushed stone under pipe and 2 inches above pipe. Cover stone with permeable geotextile, untreated building paper or 4 inches of hay or straw. Back fill and mound slightly with native soil. Keep heavy equipment off field.

SEEPAGE PIT

Seepage pits should not be built where absorption fields can be used. Figure size and number of pits required by average perc test from ground level and at half the proposed depth of the pit. Use tables on page 23 of code book to first figure required square footage on upper table and then required size of pits to meet footage requirement on lower table. Walls of concrete block, precast or equivalent. Use 12 inches of No. 2 or 3 washed gravel or crushed stone around walls. Use concrete cover with minimum 8 inch inspection hole.