

**CHAUTAUQUA COUNTY DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH SERVICES**

Dear Homeowner/Contractor,

RE: Private Home Sewage Disposal System

This Department has received your request for a permit to install a sewage disposal system. The Chautauqua County Health Department requires a building lot of at least 20,000 square feet to keep water wells at least 50 feet from septic tanks and 100 feet from other system components.

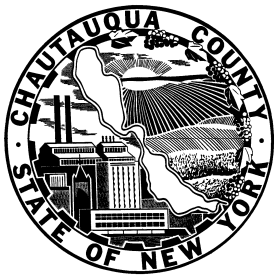
Please find the enclosed application for a sewer permit and a packet of forms to assist you in preparing a sewer design for your property. Also enclosed is a list of contractors working in Chautauqua County. It is also suggested that you hire a contractor to perform percolation tests, design a system for your property, obtain the permit and install the system according to plan. These men are familiar with New York State sewage regulations and requirements from this Department.

Complete the application, site plan and percolation tests, record the information and return the entire form to the appropriate office for processing, accompanied by a check payable to the Chautauqua County Department of Finance. The application fee is \$125.00 for a correction or replacement system or \$275.00 for a new system. A representative from this Department will contact you or your contractor for an appointment to meet at the site. This conference is an important part of our permit process.

If you have any questions or comments regarding sewage disposal system permits, please feel free to contact the nearest office: DUNKIRK 366-8831; JAMESTOWN 661-8110; OR MAYVILLE 753-4481.

Very truly yours,

Environmental Health Services
Chautauqua County Health Department



**CHAUTAUQUA COUNTY DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH SERVICES**

APPLICATION FOR SEWAGE DISPOSAL INSTALLATION AND OPERATION PERMIT

In applying for this permit, I understand that the design of a sewer system is dependent on a number of factors including: 1. The size of my dwelling. 2. The topography, slope and drainage patterns of my property. 3. The soil characteristics of the top soils and subsurface soils and the water table. 4. The size and shape of my lot, as well as its proximity to other developed property and water sources.

I understand that there are limitations on any private home sewage system and that the life expectancy of the system depends on how much it is used. The life of my system may be extended by water conservation measures such as no use of garbage disposal units or dishwasher and the efficient use of full loads of laundry. No groundwater, storm water, cooling water or surface water from streets, foundations roofs shall be admitted to the proposed sewage system. All septic tanks should be inspected for pumping every two years.

Should my system fail, it is understood that I will promptly notify the Chautauqua County Health Department for a permit to make repairs to prevent the creation of any public health nuisance or hazard. It is also understood that when I sell my property, I will fully explain all the limitations of my property with respect to the sewage system to the subsequent owner.

I have read, understood and agree to the above conditions under which my permit is to be issued.

Under the provisions of Article IV, Section 4 of the Sanitary Code of the Chautauqua County Health District, Application is made by:

OWNER: _____ CONTRACTOR: _____
NEW/CORRECTION SYSTEM (Circle one) NUMBER OF BEDROOMS: _____
PROPERTY LOCATION: _____
DIRECTIONS: _____
TOWN (Village) OF: _____ Section: _____ Block: _____ Lot: _____

I agree to install and operate the sewage disposal system in accordance with regulations set forth in the Sanitary Cod of the Chautauqua County Health Department. **I understand that no construction may take place prior to the issuance of a PERMIT and that after installation the system shall not be put into service prior to inspection by the Chautauqua County Health Department.**

Signature of homeowner

Signature of contractor

Address of homeowner

Address of contractor

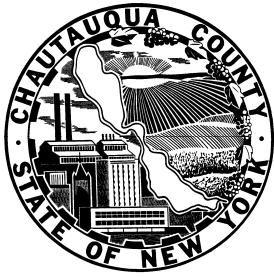
Phone number

Phone number

Dated: _____

Permit number _____

Fee:
Receipt #:
Date:

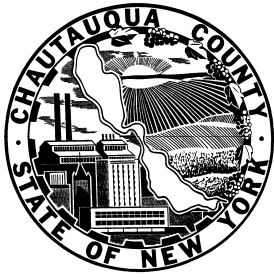


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SITE PLAN

Please provide a sketch showing the following information using the sample shown below. All requested information must be given.

1. Dimensions and property lines.
2. Location or proposed location of the dwelling, label as existing or proposed, distance in feet to the road center and nearest property lines.
3. Slope and drainage pattern of the lot.
4. Locate any streams, ponds, lakes or gullies.
5. Proposed location of the sewage system and location of the perc holes by number.
6. Locate any water well or drinking water supply within 200' of the proposed sewage disposal system area.
7. Locate any other lines that may interfere with system construction (i.e. gas lines, water lines, underground electric cable, etc.)
8. Locate any rights of way or easements on the property.
9. Locate any existing or propped features of the property which would interfere with alternative locations or enlargement of the system (i.e. trees, driveways, garages, other structures, etc.)



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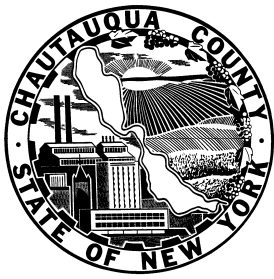
CHAUTAUQUA COUNTY HEALTH DEPARTMENT

OWNER'S NAME _____ **DESIGNED BY** _____

LOCATION _____ **DATE** _____

TOWN / VILLAGE _____ **SECTION** ____ **BLOCK** ____ **LOT** _____

SYSTEM LAYOUT – THIS IS A PERMANENT RECORD, PLEASE BE NEAT.



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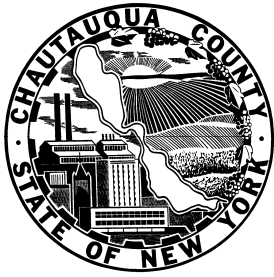
PERCOLATION TEST INSTRUCTIONS

Locating test area:

1. Locate the proposed tile field area and stake out the probable corners. Must be located more than 100' from any water well
2. Perform percolation tests in proposed tile field area, divide area into four quadrants and perform a test in each quadrant. Minimum four test holes.
3. Additional tests should be run downhill from proposed tile field. Two tests should be performed 10' to 20' below the bottom edge of the tile field.
4. Additional tests may be required under certain circumstances.
5. If dense clay, shale, or ground water is encountered, run tests at shallower depth and indicate depth on chart.

PROCEDURES FOR MAKING SOIL PERCOLATION TESTS

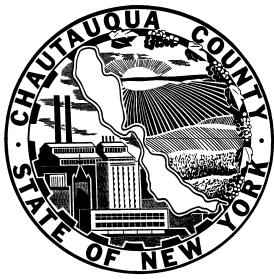
1. Prepare hole as shown on chart to depth of approximately 30". This should be done in as minimum of four places 20' apart in the area designated area for the sewage system.
2. **PRESOAK** the holes the night before the test is run. Fill the holes with water.
3. To run the test, carefully pour 6" of water into the hole and mark the time on the attached sheet. When the level of the water has gone down 1", record the time on the chart. Add one more inch of water to the hole and repeat the 1" test. Continue this procedure until the time for the water to drop 1" is the same for two consecutive times. A minimum of five (5) times in each test hole is requested. This is the percolation rate.
4. After each test hole has been tested, consult the System Size Chart to determine the number of feet of trench recommended for the standard sewage disposal system. The slowest percolation rate observed should be used for this purpose.
5. Percolation tests must be run in topsoil if 30" depth cannot be reached or if the subsoil is obviously clay or dense material. Indicate actual depth of test. A reputable sewage system contractor should be contacted for assistance. Lists are available.
6. For safety please cover the percolation tests holes with boards. A representative from Chautauqua County Health Department will need to observe the holes in evaluating the design. **Do not backfill the test holes.**
7. This department does not design private sewage systems, however a field consultation with this department is essential. After completing the percolation tests and establishing the soil profile, send your application materials and the filing fee to your district health office. You will be contacted for a field appointment.



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PERCOLATION TEST INSTRUCTIONS

- Dig a hole 12” wide – 24” to 30” deep.
- Scrape sides and remove loose soil from bottom.
- Place 2” of gravel or crushed stones on bottom.
- Presoak and saturate the test hole.
- Pour in water to a 6” level. Note the time it takes for the water level to drop from 6” to 5”. Add 1” of water and repeat the 6” to 5” timing test. Record times on the chart provided.



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**CHAUTAUQUA COUNTY HEALTH DEPARTMENT
PERCOLATION TEST RESULTS**

Date _____ Section _____
 Test by _____ Block _____
 Weather _____ Lot _____
 Comments _____ Town/Village _____

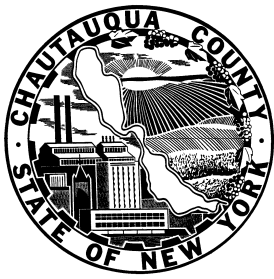
#1 Depth				#2 Depth				#3 Depth			
Start	Stop	Minute interval	Inches drop	Start	Stop	Minute interval	Inches drop	Start	Stop	Minute interval	Inches drop

#4 Depth				#5 Depth				#6 Depth			
Start	Stop	Minute interval	Inches drop	Start	Stop	Minute interval	Inches drop	Start	Stop	Minute interval	Inches drop

Test verified by _____ Date _____ Percolation rate _____

SOIL CHARACTERISTICS - Instructions: Dig 5' test hole in area of proposed tile field, large enough so side walls can be clearly observed to full depth. Record on chart below, significant changes in soil characteristics and the depth at which they occur.

	Character-color/texture	
6"--	TOPSOIL _____ inches	_____
12"--		
18"--	SUBSOIL _____ inches	_____
24"--		
30"--	WATER at _____ inches	_____
36"--		
42"--	Water seeped in at _____ inches	_____
48"--		
54"--		
60"--		



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CHAUTAUQUA COUNTY HEALTH DEPARTMENT

PROCEDURE FLOW CHART

Responsibilities of Home Owner or Contractor	Responsibilities of District Office
1. Requests information and application forms from appropriate district office.	1. Provides application information and necessary forms.
2. Completes all information including: a. Application b. Site plan – exact location of the site. c. Completes percolation tests and records on chart. d. Completes soil characteristic chart.	
3. Returns the entire completed application with appropriate fee (\$275 for new house construction; \$125 for system correction) to local district office. Requests field site investigation.	2. Reviews information – if incomplete, returns it with notes of deficiencies. Sets field appointment.
4. Meets at site with Chautauqua County Health Department representative.	3. Meets at site with homeowner or their representative.
5. Contractor or home owner designs system on forms provided and returns it to the Chautauqua County Health Department.	4. Chautauqua County Health Department reviews plans and issues permit. Copies permit to appropriate Town Code Officer.
6. Construction begins only after Permit has been issued.	
7. Contractor requests final inspection with 24 hour notice. <u>All components</u> of the system must be complete at time of requested inspection.	5. Chautauqua County Health Department makes final inspection and approves it or requires correction.
8. Contractor gives owner plans with precise dimension and measurements to essential components. Covers and grades system area.	6. Sends out approval letter to homeowner with copies to town or contractor if requested.