

Town of Theresa, New York
Sewage Disposal Permit
APPLICATION

No _____

Name of Applicant: _____

Address: _____

Location of Property on which construction, alteration, or extension of sewage disposal system is proposed

Application is not complete until the following items are attached to this application:

- Disposal system plan showing compliance with minimum standards _____
- Site character description as delineated in Article V of the Zoning Ordinance _____
- Property sketch showing location of proposed disposal system including delineation of property lines, and sources of water supply for the property and adjoining properties _____

Note: The Enforcement Officer shall have the authority to require certification or retesting to verify information submitted as part of this application. Additional information which may be required includes, but is not limited to: soils types, topography, depth to seasonal high groundwater, depth to impervious material, and depth to bedrock.

Signature of Applicant: _____

Date: _____

Town of Theresa ENFORCEMENT OFFICE

DAVID CHESTER
628-5015

SOIL PERCOLATION TEST RESULTS

First Test: _____; Minutes

2nd Test: _____; Minutes

Home Owner's Signature: _____

Date: _____

***THIS FORM MUST BE RETURNED WITH APPLICATION

Soil Percolation Test

The soil percolation test results are related to the ability of a soil to accept treated sewage.

If a shallow sewage disposal system is planned, at least two percolation tests should be performed within the area of the absorption field, and at the depth of the bottom of the trench; as previously stated.

At least two percolation tests should be made at the site of each proposed seepage pit; one at the bottom depth, and the other at half the pit depth. If different soil layers are encountered when digging the test pit, a percolation test should be performed in each layer with overall percolation

- Dig a hole about 12" wide – 24" to 30" deep.
- Scrape sides and remove loose soil from bottom.
- Place 2" of gravel or crushed stone on bottom.
- Presoak and saturate soil.
- Then count the minutes it takes for the water level to drop from 6" to 5".

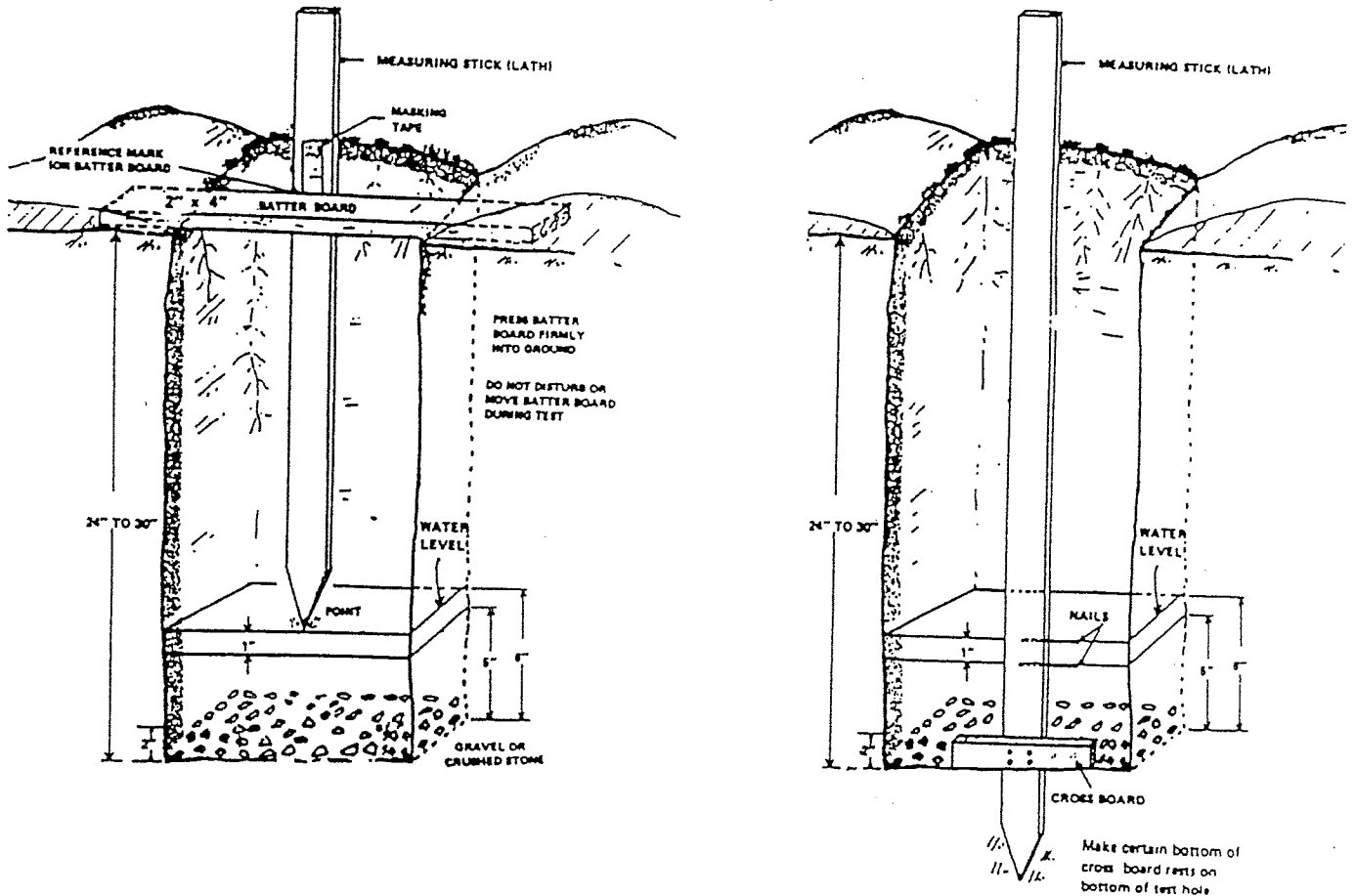


FIGURE # 1
SOIL PERCOLATION TEST

TABLE 2

REQUIRED SEPARATION DISTANCES FROM WASTEWATER SYSTEM COMPONENTS

<u>System Components</u>	<u>Well (f) or Suction Line</u>	<u>To Stream, Lake Watercourse (b), or Wetland</u>	<u>Dwelling</u>	<u>Property Line</u>	<u>Drainage Ditch(b),(g)</u>
House Sewer (watertight joints)	25' if cast iron or PVC with O-ring joints, 50' otherwise	25'	3'	10'	---
Septic tank	50'	50'	10'	10'	10'
Effluent line to distribution box	50'	50'	10'	10'	10'
Distribution box	100'	100'	20'	10'	20'
Absorption field	100' (a)	100'	20'	10'	20'
Seepage pit	150' (a)	100'	20'	10'	20'
Dry well (roof and footing)	50'	25'	20'	10'	10'
Raised or Mound System (c)	100'(a)	100'	20'	10'	20'
Intermittent Sand Filter (c)	100'(a)	100'	20'	10'	20'
Evapotranspiration-absorption system (c)	100'(a)	50'	20'	10'	20'
Composter	50'	50'	20'	10'	10'
Sanitary Privy Pit	100'	50'	20'	10'	20'
Privy, Watertight Vault	50'	50'	20'	10'	10'

NOTES:

(a) When sewage treatment systems are located in coarse gravel or upgrade and in the general path of drainage to a well, the closest part of the treatment system shall be at least 200 feet away from the well.

(b) Mean high water mark.

(c) For all systems involving the placement of fill material, separation distances are measured from the toe of slope of the fill.

(d) Any water service line under pressure (i.e., public water supply main, household service line, well to household service line) located within ten feet of any absorption field, seepage pit or sanitary privy shall be installed inside a larger diameter water main to protect the potable water supply.

(e) Any water service line under pressure (i.e., public water supply main, household service line, well to household service line) crossing a sewer shall be installed with one full length of water main centered above the sewer so both water connecting joints are as far as possible from the sewer. Section 8.6 of the GLUMRB Recommended Standards for Water Works, shall be followed for separation of water mains, sanitary sewers and storm sewers.

(f) The minimum separation distance between a septic tank and a community type public water supply well should be 100 feet. Distribution boxes and absorption facilities (e.g., absorption trenches/beds, seepage pits, raised systems, mound systems, etc.) should be located at least 200 feet from community type public water supply wells.

(g) Recommended separation distances.

TABLE 5
REQUIRED LENGTH OF ABSORPTION TRENCH
(based upon 2 ft. wide trench)

Percolation Rate Min./Inch	Flow Rate (Gals/Day)														
	2 bedrooms			3 bedrooms			4 bedrooms			5 bedrooms			6 bedrooms		
	220	260	300	330	390	450	440	520	600	550	650	750	660	780	900
1 - 5	92	108	125	138	162	187	184	216	250	230	270	312	275	325	374
6 - 7	110	130	150	165	195	225	220	260	300	275	325	375	330	390	450
8 - 10	123	145	167	184	217	250	245	290	333	306	360	417	367	433	500
11 - 15	138	162	188	207	244	281	275	325	375	344	406	469	413	488	563
16 - 20	158	186	214	236	279	321	315	372	429	393	464	536	472	557	643
21 - 30	184	217	250	275	325	375	367	433	500	459	542	625	550	650	750
31 - 45	220	260	300	330	390	450	440	520	600	550	650	750	660	780	900
46 - 60	245	290	333	367	433	500	489	578	667	612	722	833	734	867	1000*
	Dosing Not Required						Dosing or Alternate Design Required								

*Greater than 1,000 ft. of trench requires Alternate Dosing