

**APEX CONSULTING
SURVEY & ENGINEERING SERVICES, P.C.**
197 East Avenue, Lockport, New York 14094
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TIMOTHY W. ARLINGTON, PE

July 30, 2003

Maureen Mahar
3410 Youngstown Road
Wilson, NY 14172

RE: Percolation Test Results for 2704 Daniels Road, Town of Wilson
Apex Project No.: 03-598

Ms. Mahar:

On July 27, 2003 we conducted a standard percolation test on the above referenced lot on Daniels Road. We were able to obtain a stabilized standard percolation rate of 50 minutes at a depth of 24". A subsurface sewage disposal system may be constructed on the parcels where the percolation test was conducted. The lot will require 24" of sandy gravelly loam fill to elevate system from potential seasonal high water table levels. We have attached New York State Dept. of Health Percolation Test Data Form GEN 162 for your use. As an estimate of a cost for a 3-bedroom house, the septic system cost would be approximately \$7,000+ (includes fill cost).

Sincerely,

APEX CONSULTING SURVEY &
ENGINEERING SERVICES, P.C.

Timothy W. Arlington
Timothy W. Arlington, PE

TWA/BWB
Enclosure

*Niagara
County
Health
Splice with
Mr. Ron Gwozdek
on 10/12/2011 @ 10:50 AM.
Test will
transfer
and is valid
as long as
no changes
have been made
to the soil.*

Name: MAHAR, NIKHILAN Lot # Z 2704 County NIAGARA
 Date: 7-27-2003 By: Apex Consulting Survey & Engineering Services, P.C.

Test Hole	Lot No.	Soil	Soaking		Percolation									
			1st	2nd	1	2	3	4	5	6	7			
1	Z	0-15" TOP SOIL	X	X	9:30	10:02	10:47	11:32						
		15-24" SILT LOAM			9:22	9:30	10:02	10:47						
2	Z	0-13" TOP SOIL	X	X	10:08	10:40	11:34	12:24						
		13-17" SANDY SILT LOAM PLAIN LOAM			9:37	10:00	10:40	11:34						
		17-24" SILT LOAM			1:23	1:40	1:49	1:50						
S	P	0-14" TOP SOIL												
O	R	14-18" SANDY SILT PLAIN LOAM												
I	O	18-30" PLAIN SILT LOAM												
L	F	30-60" SILT CLAY												
E		REQUIRES 24" SANDY GRANULY LOAM FILL TO ELEVATE SYSTEM FROM POTENTIAL SEPTIC FIBER WATER TABLE LEVEL												
		24" 18" PURCHASED SAND/GRANULY LOAM												
		46" TOP SOIL												

1. Complete reverse side 2. F = Finish S = Start T = Time
 Stabilized Standard Modified Perc Rate - Design Rate Time 1:50 Minutes (over)

Procedure: (See Standardized Procedure)

1. Dig test hole as per standard procedure
2. Fill test hole completely with water
3. Let drain dry
4. Repeat Step 2
5. Repeat Step 3
6. Fill to 6" from bottom
7. Time drop from 6" to 5"
8. Repeat step 7 until time is practically constant

I Timothy W. Arlington, PE the undersigned certify that the percolation tests were done by myself or under my direction according to the above procedure. The data and results presented are true and correct.

Date: 7-28-03 Signature: Timothy W. Arlington
 License No. (P.E.) (L.S.): 063663



