3800-FM-WSWM0290A Rev. 10/2003

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

24-03

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ONLOT DISPOSAL OF SEWAGE

INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE SIDE

Application No. Alexander Municipality Forks County Sullivan

Site Location SR 87 to Baumunk Lane Subdivision Name NA

☒ SUITABLE Soil Type LN Slope 1% Depth to Limiting Zone 71 Ave. Perc. Rate 6.63

☐ UNSUITABLE ☐ Mottling ☐ Seeps or Ponded Water ☐ Bedrock ☐ Fractures ☐ Coarse Fragments

☐ Perc. Rate ☐ Slope ☐ Unstabilized Fill ☐ Floodplain ☐ Other

SOILS DESCRIPTION:

Soils Description Completed by: Andrew Paul Baran Date: 3/22/2024

Inches			Description of Horizon
0	TO	16	Dark Brown Silt Loam, GR, ST, FR TH#7 L.Z.= 71"+ Bottom of TH
16	TO	32	Gradual Reddish Brown Channery Silt Loam, SBK, VFR, Moderate structure
32	TO	71	Reddish Brown Very Gravelly Sandy Loam, SG, VFR, Weak structure
	TO		
	TO		
	TO		

PERCOLATION TEST:

Percolation Test Completed by: Andrew Paul Baran Date: 3/28/2024

Weather Conditions: ☒ Below 40°F ☐ 40°F or above ☒ Dry ☐ Rain, Sleet, Snow (last 24 hours)

Soil Conditions: ☒ Wet ☐ Dry ☐ Frozen

Hole No.	*** Yes	*** No	Reading Interval	Reading No. 1: Inches of drop	Reading No. 2: Inches of drop	Reading No. 3: Inches of drop	Reading No. 4: Inches of drop	Reading No. 5: Inches of drop	Reading No. 6: Inches of drop	Reading No. 7 Inches of drop	Reading No. 8: Inches of drop
1		N	10 / 30	3	3 1/4	3	2 3/4	2 1/2	2 1/4	3	2 1/2
2		N	10 / 30	4	4	3 3/4	3 1/2	3 1/2	3 1/2	3 1/4	
3		N	10 / 30	3	2 3/4	2 1/2	2 3/4	2 1/2			
4	Y		10 / 60	2	2	2	2				
5		N	10 / 30	1 3/4	1 1/2	1 1/2	1 1/2	1 1/4			
6		N	10 / 30	2 3/4	2 3/4	2 1/2	2 1/4	2	2	1 3/4	1 3/4

***Water remaining in the hole at the end of the final 30-minute presoak? Yes, use 30-minute interval; No, use 10-minute interval.

Calculation of Average Percolation Rate:

Hole No.	Drop during final period		Perc. Rate as Minutes/Inch	Depth of Hole	
1	2.5	"	4.0	24	"
2	3.25	"	3.08	24	"
3	2.5	"	4.0	24	"
4	2.0	"	15.0	24	"
5	1.25	"	8.0	24	"
6	1.75	"	5.71	24	" Min / Inch
TOTAL OF MIN / IN →			39.79	= 6.63	
TOTAL NO. OF HOLES→			6		

The information provided is the true and correct result of tests conducted by me, performed under my personal supervision, or verified in a manner approved by DEP.

(S) _____
Sewage Enforcement Officer

☐ White - Local Agency ☐ Yellow - Applicant ☐ Pink - Local DEP Office

3800-FM-WSWM0290A Rev. 10/2003

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF WATER SUPPLY AND WASTEWATER MANAGEMENT

24-03

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ONLOT DISPOSAL OF SEWAGE

INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE REVERSE SIDE

Application No. Alexander Municipality Forks County Sullivan

Site Location SR 87 to Baumunk Lane Subdivision Name NA

☒ SUITABLE Soil Type LN Slope 1% Depth to Limiting Zone 69 Ave. Perc. Rate 6.03

☐ UNSUITABLE ☐ Mottling ☐ Seeps or Ponded Water ☐ Bedrock ☐ Fractures ☐ Coarse Fragments

☐ Perc. Rate ☐ Slope ☐ Unstabilized Fill ☐ Floodplain ☐ Other

SOILS DESCRIPTION:

Soils Description Completed by: Andrew Paul Baran Date: 3/22/2024

Inches			Description of Horizon
0	TO	14	Dark Brown Silt Loam, GR, ST, FR TH#8 L.Z.= 69" Bottom of TH
14	TO	30	Gradual Reddish Brown Channery Silt Loam, SBK, VFR, Moderate structure
30	TO	69	Reddish Brown Very Channery Sandy Loam, SG, VFR, Weak structure
	TO		
	TO		
	TO		

PERCOLATION TEST:

Percolation Test Completed by: Andrew Paul Baran Date: 3/28/2024

Weather Conditions: ☒ Below 40°F ☐ 40°F or above ☒ Dry ☐ Rain, Sleet, Snow (last 24 hours)

Soil Conditions: ☒ Wet ☐ Dry ☐ Frozen

Hole No.	*** Yes	*** No	Reading Interval	Reading No. 1: Inches of drop	Reading No. 2: Inches of drop	Reading No. 3: Inches of drop	Reading No. 4: Inches of drop	Reading No. 5: Inches of drop	Reading No. 6: Inches of drop	Reading No. 7 Inches of drop	Reading No. 8: Inches of drop
1		N	10/30	4	4	3 3/4	3 1/2	3	3	3	3
2		N	10/30	4	4	3 1/4	3 1/2	3 1/2	3 1/2		
3		N	10/30	2	1 3/4	1 1/2	1 1/4	1	1	1	
4		N	10/30	3 1/2	3 1/4	3	3	3			
5		N	10/30	2 1/4	2	1 3/4	1 3/4	1 1/2	1 1/2		
6		N	10/30	2	2	1 3/4	1 1/2	1 1/4	1	1	1

***Water remaining in the hole at the end of the final 30-minute presoak? Yes, use 30-minute interval; No, use 10-minute interval.

Calculation of Average Percolation Rate:

Hole No.	Drop during final period	Perc. Rate as Minutes/Inch	Depth of Hole
1	3.0 "	3.33	24 "
2	3.5 "	2.85	24 "
3	1.0 "	10.0	24 "
4	3.0 "	3.33	24 "
5	1.5 "	6.67	24 "
6	1.0 "	10.0	24 " Min / Inch
TOTAL OF MIN / IN →		36.18 =	6.03
TOTAL NO. OF HOLES→		6	

The information provided is the true and correct result of tests conducted by me, performed under my personal supervision, or verified in a manner approved by DEP.

(S) _____
Sewage Enforcement Officer

☐ White - Local Agency ☐ Yellow - Applicant ☐ Pink - Local DEP Office