Perc	Perc	Perc	Perc	Perc	Perc	Perc	Perc
Rate: mi	Rate:						
	9.0						

COMMENTS: hole was large on one side until 11:50 reading (rock was on one side deep)___SOIL MOISTURE (High, medium, low, etc): High

FORM #2(Cont'd)

SPECIAL CONDITIONS

State of Connecticut Department of Public Health

1/1/04

SITE INVESTIGATION FOR A SEWAGE DISPOSAL SYSTEM	
(See attached site sketch)	

LOCATION DRAWING INCLUDING ALL TEST PITS AND PERCOLATION HOLES

CONCLUSIONS

Design Flow > 2000 GPD		Suitable for Sewage Disposal	Yes
Public Water Supply Watershed		Unsuitable for Sewage Disposal	
Probable High Groundwater		Additional Investigation Req'd	
Slope> 25 percent	Some	Wet Season Monitoring Req'd	
Perc Rate < 1 mm/inch		Retest During Wet Season	
Perc Rate> 30 mm/inch		Licensed Engineer Plan Reg'd	
Ledge <5 feet below grade		Other:	
Limited Suitable Area	Yes		
Open Watercourse or Wetlands	9		
Flood Plain / Seasonal Flooding			
G.W. 36 inches below grade			

DESIGN RECOMMENDATIONS/COMMENTS:

Existing cesspool on site. Want a new septic system for a 2 bedroom house and one bedroom accessory apartment. 3 bedrooms with 9.0 min./inch perc rate requires 495 SF of effective leaching area. Need new 2-compartment 1000 gallon tank (suggest HD as it will be in or near driveway. Installer to propose new system. Any system should have a sand "T" wick into original grade through any original topsoil. "T" wick sketch enclosed. No restrictive layer encountered but soil near TP-1 had a strong hydrocarbon odor…suggest testing well for VOC's (Volatile Organic Compounds).

FORM COMPLETED BY: Don Mitchell, MPH, RS

OTHERS PRESENT FOR SITE INVESTIGATION Lee Stolz and son, Carl Gustafson, Mr. Gosselin

SITE INVESTIGATION FOR A SEWAGE DISPOSAL SYSTEM

Property Owner: Kellie Gosselin and Carl Gustafson

Location: 27 Flanders Road

DEEP TEST PIT DATA/SOIL DESCRIPTIONS

DATE: __5/9/19____

(Record all Test Pits)

TEST PIT: TP-1	TEST PIT: TP-2	TEST PIT:	TEST PIT:
0-2" Topsoil	0-5" Process gravel		
2-19" Light brown loamy	5-24" Brown sand and		8
fill with gravel (VOC odor)			
19-30" Organic layer	24-40" Black sand, gravel		
30-42" Red brown loamy	and organic fill w/ash		
sand with gravel	40-55" Miscellaneous		
42-67" Brown fine sandy	brown loamy sand fill	Ŀ	
loam with gravel (loose)	w/ash (loose)		
67-93" Orange brown	55-93" Light brown silty		
loamy fine sand (original?)	fine sandy loam (damp)		
	Note: large rocks at		
	bottom		
Mottles: None	Mottles: None	Mottles:	Mottles:
GW: None	GW: None	GW:	GW:
Ledge: None	Ledge: None	Ledge:	Ledge:
Roots: 93"	Roots: 93"	Roots:	Roots:
Restrictive: None	Restrictive: None	Restrictive:	Restrictive:

COMMENTS: __Mostly fill but apparently well drained

GROUNDWATER TABLE (Near max., below max., etc.)___Near maximum_

PERCOLATION TEST DATA (Record all Perc Tests)

DATE:_ 5/20/19

P1	PERC:		PERC:		PERC:	
18"	DEPTH:		DEPTH:		DEPTH:	
10:17 AM	PRESOAK:		PRESOAK:		PRESOAK:	
Reading	Time	Reading	Time	Reading	Time	Reading
<4" left			a a			
5 1/4"						
6 1/8"				85%		
6 7/8"						
7 7/8"			34			
9"						
10 1/8"						
11 1/4"						
	18" 10:17 AM Reading <4" left 5 1/4" 6 1/8" 6 7/8" 7 7/8" 9" 10 1/8"	18" DEPTH: 10:17 AM PRESOAK: Reading Time <4" left 5 1/4" 6 1/8" 6 7/8" 7 7/8" 9" 10 1/8"	18" DEPTH: 10:17 AM PRESOAK: Reading Time Reading <4" left	18" DEPTH: DEPTH: 10:17 AM PRESOAK: PRESOAK: Reading Time Reading Time <4" left	18" DEPTH: 10:17 AM PRESOAK: PRESOAK: Reading Time Reading <4" left	18" DEPTH: DEPTH: DEPTH: 10:17 AM PRESOAK: PRESOAK: PRESOAK: Reading Time Reading Time <4" left