4.875

36.55

TOTAL OF MIN / IN →

TOTAL NO. OF HOLES→



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF WATER STANDARDS AND FACILITY REGULATION

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ONLOT DISPOSAL OF SEWAGE

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

				OMPLETIO							
Application	No				Municipalit	ty <u>Plainfiek</u>	Twp		County No.	rthampton	
Site Location	n Lot 3-	Test Pi	ts 142 &	143		8	Subdivision	Name <u>Est</u>	ates at Col	ony Park	
SUITAB	LE	Soil Ty	pe BoB	Slope _	%	Depth to Li	miting Zon	e <u>41"</u>	_ Ave. P	erc. Rate 6	i.09
UNSUIT	ABLE	☐ Mot	tling [Seeps or F	Ponded Wa	ter 🗌 B	edrock 2	Fractures	; □ C	oarse Frag	ments
		Per	c. Rate	Slope	Unstab	ilized Fill	☐ Flood	olain 🗌 O	ther		
SOILS DES	CRIPTI	ON-						V-1			
Soils Descr	iption Co	mplete	d by: Pet	er M. Volpin	ari, P.G	Terra Tech	nologies	D	ate: <u>8/24/0</u> 5	5	
Inche							tion of Ho				
OT			Topsoil								
T				brown shall	v silt loam.	slightly stic	ckv. slighth	plastic, fr	able, weak	SAB, 30%	C.F.
				brown char							
23 T					illery sirt to	arri, aisgriu	Sticky, Ho	II-pidotiss I	idolo, or is	-1070 0.1.	
Т	°	-	OPen v	oids at 53"							
T	·o										
Т	·o		Test Pit	#143- 53"	open voids		Confirmir	g Test Pit	#142 - 41 "	open voids	<u></u>
Percolation Weather Co Soil Conditi	onditions	: 🗆	Below 40	os, Inc. Rya os ⊠40 Dry □	°F or abov	e 🛭 Dry	Rair	, Sleet, Sr	now (last 24	hours)	
	т.			Reading	Reading	Reading	Reading	Reading	Reading	Reading	Reading
Uele Ne	V 1		Reading Interval	No. 1: Inches of drop	No. 2:	No. 3: Inches of droc	No. 4:	No. 5:	No. 6: Inches of drop	No. 7 Inches of drop	No. 8: Inches of drop
Hole No.	Yes	No	10/30	3.625	3.375	3.25	3.25	3.125			
2	×		10/30	5	4,625	4.375	4.625	4.625			
3	×		10/30	5	3.875	3.375	3.625	4.25	3.125	3	3
4	-	x	10/30	6	5,75	5.75	5.75				
5	×		10/30	5.75	5,5	5.5	5.375	4.75	4.5	4.875	4.5
6		x	10/30	5	4.75	4.75	4.875				
***Water rema	ining in the	hole at th	e end of the	final 30-minute	presoak? Ye	s, use 30-min	ute interval; No	o, use 10-min	te interval.		
	Calculat	tion of	Average	Percolation	n Rate:						
		p during		rc. Rate as		pth					
Hole No.		l period		inutes/Inch		lole .					
1	3.125		9.6		20						
2	4.625		6.49	9	_ 20	—					
3	3		10		20						
4	5.75		1.7		20					ed is the	
5	14.5		6.66	3	20		[CO	rect resul	or tests	conducted	by file,

performed under my personal supervision, or yerified in a manner approved by DEP.

Sewage Enforcement Officer

Revised 5-87

01/31/00

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ON-LOT DISPOSAL OF SEWAGE

Application	1 No		Municipa	lity Plainfield	ownship			Northampi	
Site Locati	on	Lot 4 - F	robes 145 & 146				Estates at		
X SUITABL	LE	Soil Type	BoB Slope 3-8	% Depth to Li	miting Zone	72"	Ave. Perc.	Rate	6.84
UNSUIT.			Seeps or Ponded Water		Fractures				
			Unstabilized Fill	Floodplain	Other				_
INS	TRUCT	IONS FOR	COMPLETION O	F THIS FORM	ARE LOC	ATED ON	THE REV	ERSE	
		N:	Terra Technologies						
			Peter M. Volpinari, F	.G.		Date:	8/24/2005		
		,,.							
	Inches			Description	of Horizon			Probe 14	5
0	TO	8	Topsoil						
			Red brown silt loam,	slightly sticky, s	lightly plasti	C,			
8	TO	42	friable, SAB, 30% C.	F					
			Red brown channers	silt loam, slight	ly sticky, nor	r-plastic,			
42	TO	72	friable, SAB, 40% C					Depth to Lim	iting
								Zone:	
	TO		No L.Z to 72"					72	Inches
	TO							e.	
			Probe 146 (8/24/05)	 No L.Z. to 80° 					
PERCOLA						_			
Percolation	on Test Co	ompleted By:	BECS Inc, Ryan De	weiler		Date:	11/16/2005		
				_	_				
Weather Co	onditions	: Delow	40 F 🗵 40 F or	Above X	Dry 🗆	Rain, Slee	t, Snow (las	st 24 Hours	5)
Soil Condit	ions: [☐ Wet 🗵	Dry Frozen						
								Reading	Reading
1 1			Reading No.1: Reading	In 2: Beading No 3:	Reading No.4:	Reading No.5	Reading No.6:		No.8: Inches
		Reading	Reading No.1: Reading	deen inches of drag	Inches of door	Inches of door	Inches of drop	of drop	of drop

Hole Number	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	YES	30	2.750	1.500	1.375	1.500	1.500			
2	NO	10	3,500	3.000	2.750	3.250	2.000	2.500	2.750	2.500
3	NO	10	4.500	4.125	4.000	4.500	2.875	3.375	4.250	4.000
4	YES	30	4.750	4.125	4.125	4.000	3.875			
5	NO	10	4.750	4.375	3,500	4.125	2.500	2.875	2.875	2.875
6	NO	10	4.625	4.000	4.000	4.500	3.000	3.500	3.125	3.000

^{***} Water remaining in the hole at the end of the final 30 minute prescak? Yes, use 30 minute interval; No use 10 minute interval

Calculation of Average Percolation rate:

Hole No.	Drop during final period	Perc Rate as Min./ Inch	Depth of Hole	
1	1.500	20.00	24"	
2	2.500	4.00	24"	
3	4.000	2.50	24"	
4	3.875	7.74	24"	
5	2.875	3,48	24"	
- 6	3.000	3.33	24"	
Total of Mi	n/In ──►	41.05		
Total No. o	of Holes	6	6.84	Min/Inch

The information provided is the true and correct results of tests conducted by me, performed under my personal supervision, or confirmed in a manor approved by the department.

Course Setherman / Heat

01/31/00

Revised 5-87

SITE INVESTIGATION AND PERCOLATION TEST REPORT FOR ON-LOT DISPOSAL OF SEWAGE

Site Location	
INSTRUCTIONS FOR COMPLETION OF THIS FORM ARE LOCATED ON THE R	EVERSE
SOILS DESCRIPTION: Terra Technologies Soils Description Completed By: Peter M. Volpinari, P.G. Date: 8/24/20	
Inches Description of Horizon	Probe 145
O TO 8 Topsoil	_
Red brown silt loam, slightly sticky, slightly plastic,	
8 TO 42 friable, SAB, 30% C.F	_
Red brown channery silt loam, slightly sticky, non-plastic,	Depth to Limiting
42 TO 72 friable, SAB, 40% C.F.	Zone:
TO No L.Z to 72"	28" Inches
TO No L.Z to 72"	
TO	
Probe 144 (8/24/05) - L.Z. = 28" to open voids	
DEDCOLATION TEST	
Percolation Test Completed By: BECS Inc, Ryan Detweller Date: 11/16/20	005
Weather Conditions: ☐ Below 40 F ☑ 40 F or Above ☑ Dry ☐ Rain, Sleet, Snow Soil Conditions: ☐ Wet ☑ Dry ☐ Frozen	(last 24 Hours)
The second secon	Reading Reading
Reading No.1: Reading No.2: Reading No.3: Reading No.4: Reading No.4: Reading No.5: Reading No.5: Reading No.6: Re	lo.6: No.7: Inches No.8: Inches

Hole Number	Yes/No	Reading		Reading No.2: 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	NO	10	3.500	3.500	3.250	4.000	2.500	3.125	3.500	3.250
2	YES	30	0.500	0.500	0.500	0.375				
3	YES	30	5.750	5.625	5.250	5.125	5.125	5.125		
4	YES	30	5.000	4.875	5.000	5.000				
5	YES	30	4.875	4.500	4.375	4.250	4.250			
6	YES	30	3.250	2.875	2.875	2.875	2.875			

^{***} Water remaining in the hole at the end of the final 30 minute prescak? Yes, use 30 minute interval; No use 10 minute interval

Calculation of Average Percolation rate:

Hole No.	Drop during final period	Perc Rate as Min./ Inch	Depth of Hole	
1	3.250	3.08	20"	
2	0.375	80.00	20"	
3	5.125	5.85	20"	
4	5.000	6.00	20"	
5	4.250	7.06	20"	
- 6	2.875	10.43	20"	
Total of M	in/In →	112.42		
Total No.		6	18.74	Min/Inch

The information provided is the true and correct results of tests conducted by me, performed under my personal supervision, or confirmed in a manor approved by the department.

Sewage Enforcement Officer