

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

										A I ED ON						
Applica	tion No.				M	unicip	ality !	Plainfiel	d Twp		County	Northamp	ton			
Site Lo	cation Lo	t 1- Tes	Pits 1	35-136				:	Subdivis	ion Name <u>E</u>	states at 0	Colony Pa	<u>rk</u>			
⊠ SUI	TABLE	Soil	Type	BoB	Slope	9	6 De	pth to L	imiting 2	one <u>52*</u>	Ave	. Perc. Ra	ite <u>5.0</u>			
UN:	Site Location Lot 1- Test Pits 135-136 Subdivision Name Estates at Colony Park SUITABLE Soil Type BoB Slope% Depth to Limiting Zone 52* Ave. Perc. Rate 5.0 UNSUITABLE Mottling Seeps or Ponded Water Bedrock Fractures Coarse Fragments Perc. Rate Slope Unstabilized Filt Floodplain Other															
			Perc. R	ate 🗌	Slope [Uns	tabiliz	ed Fill	☐ Flo	odplain 🗌	Other					
SOILS	DESCRI	PTION:														
Soils D	escription	Compl	eted by	: Peter !	M. Volpinar	i, P.G	Te	ma Tect	nologie	S	Date: 8/24	4/05				
Inches							Description of Horizon									
0_	_ то _	9	Topsoil													
_ 9	9 TO 25 Light brown silt loam, slightly sticky, slightly plastic, friable, SAB, 30% C.F.															
25_	_ то _	45	Me	edium br	own silt loa	m, sli	ghtly	sticky, s	lightly p	lastic, friab	le, SAB, 4	0% C.F.				
45	_ то _	75	M	edium br	own sandy	silt lo	am, s	lightly st	ticky, no	n-plastic, fri	able, SAB	40% C.F				
	то_								*							
	_ то _		Te	st Pit #1	136- 75" - b	ottom	of pi	t Co	nfirming	Test Pit #1	35 - 52" -	open void	s			
	-							-								
F	ERCOLA	TON TE	ST:	lbu: BEC	S, Inc., Rya	n S. D	etweik	er			ate: Novem	ber 23, 20	05			
	Veather C		. K	Relaw 40	°F 🖂 40	*Fora	bove	□ Dry	⊠R	ain, Sleet, Sr	now (last 24	hours)				
	veamer Conditi		. 🔯	Wet [Dry	Frozen	1	,								
_					Dentino	Read	inc I	Reading	Reading	Reading	Reading	Reading	Reading			
		'	"	Reading	Reading No. 1:	No.	2:	No. 3:	No. 4:	No. 5: rep Inches of drop	No. 6:	No. 7	No. 8:			
-	Hale No.	Yes	No	Interval	teches of drop	Inches o		3.25	3.25	3,125	3					
-	1	x	_	10/30	3.625 2.625	2.5	$\overline{}$	2,625	2.375							
H	2	×	×	10/30	4.25	3.2	_	3.75	3.375	3	3.125	3	2.875			
-	3 4	+-	×	10/30	2,125	1,7	-	2.125	2,125	2	2 .					
-	5	×		10/30	3.875	3,62	25	3.625	3.625							
-	Α.		x	10/30	5.875	5.62		5.125	4.875	4.25	4.5	3.875	3.5			
_	""Water rem	aining in th	e hole at	the end of t	he final 30-min	ute pres	oak? Y	'ss, use 30	-minute int	erval; No, use 1	0-minute inter	val.				
					Percolation											
			p during	,	arc, Rate as		Dept of Ho									
	Hole No.		l period		inutes/Inch		20									
9	1	3 227		10	63	-	20									
	2	2.375		3.5		٠,	20		_							
	3	2.073		• 5		_	20	−.		The informa	tion neovid	lad is the	true and			
	-	3.62		* 8.3		-	20		- 1	correct resu	it of tests	conducte	d by me,			
	<u>-</u>	3.5		· 2.9		_	20		Min nsh	performed u	nder my p	ersonal su	pervision,			
	TOTAL O		4 4			-	7.06			or verified in	a manner a	approved p	A A			
	TOTAL OF MIN / IN → 42.33 TOTAL NO. OF HOLES→ 6									(S)	ewage Enforce	J. 1	u			
	OIALN	0. 01 110	,,,,,,			_			L	-5	ewage Enions	Acting it Cition				
	_						Vello	w - Appli	cant		☐ Pin	k - Local [DEP Office			
	■ White	 Local A 	vgency			ш	· CIIO	r sprjene								



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

					II LL IIOI							C	Modhomo	ton	
Applicati	ion No.				N	Munici	pality	/ Plainfie	old Two) tala	- Nama E	County	Colony Pa	ton	
Site Location Lot 1- Test Pits 133-134 Subdivision Name Estates at Colony Park															
SUITABLE Soil Type BoB Slope% Depth to Limiting Zone 52" Ave. Perc. Rate 5.0												Fragments			
UNSI	UNSUITABLE														
		ш	Perc. F	tate ⊔	Slope L	_ Unit	stabil	izeu riii		1000	рын 🗆	Other			
SOILS	DESCRI	PTION:						Town Too	hnolos	uloe		Date: 8/2/	4/05		
Soils De	scription	n Comp	leted b	y: <u>Peter</u>	M. Volpina	п. Р.С	3, - 1					Date. WZ	4/00		
In	ches			Description of Horizon											
0	0 TO 10 Topsoil														
10	10 TO 27 Light brown silt loam, slightly sticky, slightly plastic, friable, SAB, 10% C.F.														
27	то	42	St	rong red	brown silts	y clay	loan	n, slightly	sticky	, slic	ahttly plas	tic, friable	SAB, 30	% C.F.	
	то_		S	hen name	brown silty	v clav	loan	n, slightly	v sticky	r, slic	htly plast	ic, friable,	SAB, 409	% C.F.	
			_												
	TO TO Test Pit #133- 81* - bottom of pit Confirming Test Pit #134 - 52* - open voids														
	то_		10	est Pit #	133- 81" -	botton	n of	pre G	ontimi	ing i	est Pit #1	34 - 32 -	open voic	3	
PE	RCOLAT	ION TE	ST:										h 0 000		
			mpleted	by: BEC	S, Inc., Rya	an S, C	etwe	eller 57 D		Dele	Clast Sa		ber 2, 200	2	
	eather Co il Conditi		: 🛚	Below 40	of 40	"F or a	abow	E MIDT	y u	Kain	, Sieet, Sn	ow (last 24	nours)		
30	ii Corjulu	UIIS.		wer 12	July L	1020									
				Reading	Reading No. 1:	Read No.	-	Reading No. 3:	Read No.		Reading No. 5:	Reading No. 6:	Reading No. 7	Reading No. 8:	
H	fole No.	Yes	No	Interval				Inches of dis	_		inches of drop		inches of drop		
	1	x		10/30	.375	.5	-	.125	2	_	.25	.375	-		
-	2	X	_	10/30	.375	0	_	.125	2		.125			-	
-	3	x	-	10/30	1.25	1.3		2.75	23		2.5	2.25	1.875	2.25	
-	4	×		10/30	2.825	2.6	_	.25	23		2.5	2.20	1.070	2.20	
-	6	x		10/30	1.75	1.1	_	1.5	1.7					-	
****			e hole at		he final 30-min			Yes, use 30	0-minute	interv	i; No, use 10	-minute Inter	val.		
					Percolation										
		Dro	p during	ı Pe	erc. Rate as		De	pth							
H	Hole No.		period		inutes/Inch		of H	lole							
1_		<u>.375</u>		80		-	20								
2_		<u>.125</u>		240		-	20								
3	3 1.25 24				- 1	20									
4	4 2.25 13.33				-	The information provided is the					true and				
5	5 5 60		-	20 Mn			correct result of tests conducted by me, performed under my personal supervision,								
6	6 1.75 17.14			-	or verified in a manner app			pproved by	DEP						
	TOTAL OF MIN / IN → 434.47				- "	72.4	-		() Level						
TC	OTAL NO	. OF HO)LES→	6		-	(S) Savage Enloyee						ment Officer		
											1	- 4			
	☐ White - Local Agency						☐ Yellow - Applicant ☐ Pink - Loc					k - Local D	EP Office		

☐ White - Local Agency



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

					PLETION						Northamp	ton		
Cha Las	ation I a	4 1. Too	4 Dite 1	22,172				Subdivisio	n Name 🗈	states at c	COIOUÀ PS	IIK		
□ 01 IIT	A DI E	201	Type	BoB.	Slope	% (Depth to Li	imiting Zo	ne 52*	Ave	. Perc. Ra	ate <u>5.0</u>		
	LITABL	E 🗆	Mottlin	a Ds	eens or Po	nded Wa	ter 🔲 B	ledrock	🔀 Fractu	res L	Coarse	Fragments		
_ 0.10	0117.02		Perc. F	Rate 🗌	Slope [Unstabi	ilized Fill	☐ Floor	iplain 🔲	Other				
SOILS	DESCRI	DTION	_											
Soils De	scription	n Comp	leted b	y: Peter	M. Volpina	ri, P.G '	Terra Tech	nologies		Date: 8/24	4/05			
In	ches						Descrip	otion of H	orizon					
0	0 TO 10 Topsoil													
10	the last all the sticky slightly sticky slightly plastic frights SAR 10% C.F.													
27	the slow team allebths sticks, clightly clastic frights SAR 30% C.F.													
												% C.F.		
42			5	trong red	Drown site	y Cidy Iou	III. SHISTING	Suony, on						
	то_		-									-14		
	то_		T	est Pit #	133- 81" -	bottom of	pit Co	enfirming 1	Test Pit #1	72 - 83" -	bottom of	pit		
PE	RCOLAT	ION TE	ST:				_	-			h 0 000			
Per	rcolation	Test Co	moletec	by: BEC	S, Inc., Rya	n S. Detw	effer	T 0-i-		ate: Decem		9		
	ather Co		: ⊠	Below 40 Wet	°F □ 40	≏F or abov Frozen	a KADIY	L Ran	, Sieer, Si	UW (RESI &4	Hoursy			
50	il Conditi	ons:	-	wer [July L				Tio dies	Reading	Reading	Reading		
			.	Reading	Reading No. 1:	No. 2:	Reading No. 3:	Reading No. 4:	No. 5:	Reading No. 6:	No. 7	No. 8:		
н	tale No.	Yes	No	Interval	inches of drop		Inches of drop	inches of drop	Inches of drop	inches of drop	inches of stop	enemas or oray		
-	1	X		10/30	4.25	.125	4,125	4	-					
-	2	X		10/30	4.5	4.5	4.5	4.625						
-	3	x		10/30	.875	1.5	1.5	1.375	1,375					
\vdash	5	x		10/30	.125	.125	.125	.125				-		
	6			10/30	3	3	3,125	3				-		
***	Water rema	alning in th	e hole at	the end of t	he final 30-min	ute presoak?	Yes, use 30-	minute interv	al; No, use 10	I-minute inter	val.			
		Calcula	tion of	Average	Percolation	Rate:								
			p during	,	erc. Rate as inutes/Inch		epth Hole							
- 1	Hole No.	,125	l period		inutestricit									
- 2		4				20								
3	3 4.625 8.49					20								
4	4 1.375			_	21.82			Th	The information provided is the true and correct result of tests conducted by me, performed under my personal supervision,					
5	5 .125		240	240										
6 3		10	10		20 Min		rformed un	nder my p	ersonal su enproved b	v DEP.				
TO					5.81	= 87.64				1	manner approved by DEP.			
т	OTAL NO	O. OF HO)LES->	6_				(S)Se	Sevege Enforcement Officer				
										/ /				
_	1 White	- Loopl A	denc.			☐ Yel	low - Applic	ant		☐ Pin	k - Local C	EP Office		