

page.

Commonwealth of Massachusetts

18634

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

10-16 Wampus Ave				
Property Address				
Somerset Hills Condo Association				
Owner's Name				
Acton	MA	01720	10-19-2018	
City/Town	State	Zip Code	Date of Inspection	

Inspection results must be submitted on this form. Inspection forms may not be altered in any way. Please see completeness checklist at the end of the form.

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return





A.	General Information				
1::	Inspector:				
	Tom O'Driscoll	17	OARD OF HEALTH		
	Name of Inspector	SE	A		
	ABC Cesspool Co. Inc.	DECL	-049		
	Company Name	010	5 2010		
	292 High St.	MOA C	OF HEALTH		
	Company Address	TON BO	OARD		
	Acton	ACION	MA	01720	
	City/Town	•	State	Zip Code	
	(978)263-5802		SI13924		

License Number

B. Certification

Telephone Number

I certify that I have personally inspected the sewage disposal system at this address and that the information reported below is true, accurate and complete as of the time of the inspection. The inspection was performed based on my training and experience in the proper function and maintenance of on site sewage disposal systems. I am a DEP approved system inspector pursuant to Section 15.340 of Title 5 (310 CMR 15.000). The system:

□ Passes	☐ Conditionally Passes	☐ Fails
☐ Needs Further Evaluation by	the Local Approving Authority	
Inspector's Signature	10-19-2018 Date	

The system inspector shall submit a copy of this inspection report to the Approving Authority (Board of Health or DEP) within 30 days of completing this inspection. If the system has a design flow of 10,000 gpd or greater, the inspector and the system owner shall submit the report to the appropriate regional office of the DEP. The original should be sent to the system owner and copies sent to the buyer, if applicable, and the approving authority.

****This report only describes conditions at the time of inspection and under the conditions of use at that time. This inspection does not address how the system will perform in the future under the same or different conditions of use.



Commonwealth of Massachusetts

	16 wampi						
	perty Address						
	nerset Hill ner's Name	s Condo Ass	ociation		-1-4-5		
				MA	01720	10 10 2010	
Act	/Town			State	Zip Code	10-19-2018 Date of Inspection	
_					219 0000	Date of mapedion	
В.		cation (co	ont.) Check A,B,C,D o	r E / <i>always</i> :	complete all of	Section D	
A)	System I	Passes:					
	in 310					failure criteria described eria not evaluated are	
	Commen	ts:					
	system a	ppears to be	functioning prope	rly at this time		Hoose to the second sec	
						O5 2018 ROARD OF HEALTH	
					REC	2018	
					NOV	BOARD OF HEALTH	
					ACTON	BOARD OF	
B)	System (Conditionally	Passes:		Hors		
	One or more system components as described in the "Conditional Pass" section need to be replaced or repaired. The system, upon completion of the replacement or repair, as approved by the Board of Health, will pass.						
	Check the box for "yes", "no" or "not determined" (Y, N, ND) for the following statements. If "not determined," please explain.						
	unsound,	exhibits subs	tantial infiltration	or exfiltration	or tank failure	whether metal or not) is structurally is imminent. System will pass nk as approved by the Board of	
			ill pass inspection that the tank is le			ot leaking and if a Certificate of lable.	
	□ Y	□N	☐ ND (Ex	plain below):			



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		Vampus Address	Ave			-		
			Condo Association					
Owr Act		Name		MA	017	20	10-19-20	10
	Tow	n		State		Code	Date of Inst	
B.	Ce	ertific	ation (cont.)					
			Chamber pumps/alarms not ope /alarms are repaired.	erational.	System	will pass	s with Board	of Health approval if
	B)	System	n Conditionally Passes (cont.)):				
		to brok	ration of sewage backup or brea en or obstructed pipe(s) or due spection if (with approval of Bo	to a brok	en, settle			
			broken pipe(s) are replaced		□ Y	□N	□ ND (Ex	plain below):
			obstruction is removed		□ Y	□ N	□ ND (Ex	plain below):
			distribution box is leveled or re	eplaced	□ Y	□N	□ ND (Ex	plain below):
								- XIII
			stem required pumping more the will pass inspection if (with app					structed pipe(s). The
			broken pipe(s) are replaced		□ Y	□ N	☐ ND (Ex	plain below):
			obstruction is removed		□ Y	□N	□ ND (Ex	plain below):
	C)	Furthe	r Evaluation is Required by t	he Board	l of Heal	lth:		
			ions exist which require further stem is failing to protect public h					rder to determine if
		15.303	tem will pass unless Board of (1)(b) that the system is not f and the environment:					
			Cesspool or privy is within 50	feet of a	surface [,]	water		
			Cesspool or privy is within 50	feet of a	borderin	g vegeta	ated wetland	or a salt marsh



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	16 Wam perty Addr	npus Ave				
			Association			
_	ner's Nam		ASSOCIATION			
Act	on			MA	01720	10-19-2018
City	/Town	•		State	Zip Code	Date of Inspection
B.	2. det sat	System w termines t fety and e	nvironment:	ioning in a	manner that	protects the public health,
	100 sup sup The	O feet of a The syste oply. The syste oply well. e system hore from a	surface water supply or to em has a septic tank and	ributary to SAS and t SAS and t S and the S	a surface wate he SAS is withi he SAS is withi	in a Zone 1 of a public water in 50 feet of a private water
	coliforn to or le	n bacteria ss than 5 ched to th	indicates absent and the ppm, provided that no oth	presence	of ammonia nit	P certified laboratory, for fecal rogen and nitrate nitrogen is equal ered. A copy of the analysis must
D)	System	n Failure	Criteria Applicable to Al	II Systems	:	
			ite "Yes" or "No" to eac	h of the fo	ollowing for <u>al</u>	l inspections:
	Ye	s No				
			clogged SAS or cess	spool		ponent due to overloaded or
			due to an overloade	d or clogge	ed SAS or cess	•
			or clogged SAS or c	esspool		outlet invert due to an overloaded invert or available volume is less
			than ½ day flow	Pool 19 1695	andiro DCIOW	invert of available volutile is less



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	16 Wampu					500 124 54 54 54 54 54 54 54 54 54 54 54 54 54	_
	perty Address		Association				
_	ner's Name	S COIIGO /	nssociation				
Act				MA	01720	10-19-2018	_
_	/Town	- 4		State	Zip Code	Date of Inspection	_
В.	Certific	cation	(cont.)				
	Yes	No					
		\boxtimes	Required pumping robstructed pipe(s). I			st year <i>NOT</i> due to clogged or	
		\boxtimes	Any portion of the S	AS, cesspo	ool or privy is b	elow high ground water elevation	
		\boxtimes	Any portion of cessportributary to a surface			feet of a surface water supply or	
		\boxtimes	Any portion of a ces	spool or pr	ivy is within a 2	Zone 1 of a public well.	
		\boxtimes	Any portion of a ces	spool or pr	ivy is within 50	feet of a private water supply we	II.
			from a private water system passes if the laboratory, for fec- of ammonia nitrog	supply we he well wa al coliform en and nit ther failure	II with no acce ter analysis, p bacteria indic rate nitrogen i e criteria are t	100 feet but greater than 50 feet otable water quality analysis. [This performed at a DEP certified cates absent and the presence is equal to or less than 5 ppm, riggered. A copy of the analysis this form.]	S
		\boxtimes	The system is a ces	spool serv	ing a facility wit	h a design flow of 2000gpd-	
			criteria exist as des	cribed in 31 ld contact t	0 CMR 15.303 he Board of He	e or more of the above failure b, therefore the system fails. The ealth to determine what will be	
E)			To be considered a la ,000 gpd to 15,000 gp		n the system ı	must serve a facility with a	
	For large questions			er "yes" or	"no" to each of	the following, in addition to the	
	Yes	No					
			the system is within	400 feet o	f a surface drin	king water supply	
			the system is within	200 feet o	f a tributary to	a surface drinking water supply	
			the system is locate Area – IWPA) or a r			rea (Interim Wellhead Protection c water supply well	
	If you have	e answe	red "ves" to any questic	on in Sectio	n F the system	is considered a significant threa	ŀ

or answered "yes" in Section D above the large system has failed. The owner or operator of any large system considered a significant threat under Section E or failed under Section D shall upgrade the system in accordance with 310 CMR 15.304. The system owner should contact the appropriate regional office of the Department.



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	6 Wamp						
Son	nerset Hi		Association				
Acto	er's Name on Town			MA State	01720 Zip Code	10-19-2018 Date of Inspection	
	Checl			- Claic	Zip Oddo	Date of hispection	
	Obsale if	the fellow	ing baya basa dan	- Vau	inata "" "		o following:
	Check if	the follow	ing have been done	e. You mus t ind	icate yes or	no" as to each of th	e following.
	Yes	No					
	\boxtimes		Pumping informa	ition was provide	ed by the owne	er, occupant, or Boa	rd of Health
		\boxtimes	Were any of the	system compon	ents pumped o	out in the previous to	wo weeks?
	\boxtimes		Has the system r	eceived normal	flows in the pro	evious two week pe	eriod?
		\boxtimes	Have large volun this inspection?	nes of water bee	en introduced to	the system recent	ly or as part of
			•		n obtained and	examined? (If they	were not
	\boxtimes		Was the facility of	or dwelling inspe	cted for signs	of sewage back up?	?
	\boxtimes		Was the site insp	ected for signs	of break out?		
	\boxtimes		Were all system	components, ex	cluding the SA	S, located on site?	
			inspected for the	condition of the	baffles or tees	ned, and the interions, material of construction depth of scum?	
	\boxtimes		information on th	e proper mainte	nance of subs	nt from owner) prov urface sewage disp System (SAS) on	osal systems?
	\boxtimes		Existing informat	ion. For exampl	e, a plan at the	Board of Health.	
	\boxtimes					eria related to Part (0 CMR 15.302(5)]	C is at issue
D.	Syste	m Info	rmation		APROX. 4.1		
	Resider	itial Flow	Conditions:				
	Number	of bedroo	oms (design):	71	Number of bed	drooms (actual):	71
	DESIGN flow based on 310 CMR 15.203 (for example: 110 gpd x # of bedrooms):						



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10-16 Wampus Ave Property Address							
Somerset Hills Condo Association							
Owner's Name							
Acton City/Town	MA State	01720 Zip Code	10-19-201 Date of Insp				
D. System Information	Otate	Zip Code	Date of Hisp	ection			
Description:							
Number of current residents:					unkr	nown	1
Does residence have a garbage grinde	r?				Yes	\boxtimes	No
Is laundry on a separate sewage syster information in this report.)	m? (Include la	undry system	inspection		Yes	\boxtimes	No
Laundry system inspected?					Yes		No
Seasonal use?					Yes	\boxtimes	No
Water meter readings, if available (last	2 years usage	e (gpd)):					
Detail: 2924 gpd			12.00			<u> </u>	
·			-				
Sump pump?					Yes		No
Last date of occupancy:				<u>cur</u> Dat	rent e		
Commercial/Industrial Flow Condition	ons:						
Type of Establishment:		5 <u> </u>					
Design flow (based on 310 CMR 15.20	3):	Gallons	s per day (gpd)				
Basis of design flow (seats/persons/sq.	ft., etc.):	<u> </u>				-	
Grease trap present?					Yes		No
Industrial waste holding tank present?					Yes		No
Non-sanitary waste discharged to the T	itle 5 system?	•			Yes		No
Water meter readings, if available:					=		



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	16 Wampus / perty Address	Ave						
	•	condo Association						
	ner's Name			0.1500	10.10.0010			
Act City	:On /Town		MA State	01720 Zip Code	10-19-2018 Date of Inspection			
		Information (cont.)		•				
	Last date of	occupancy/use:		Date				
	Other (desc	ribe below):		Date				
		Gen	eral Infor	mation				
	Pumping R	ecords:						
	Source of in	formation:	last	last pumped 3/21/2018 by ABC Cesspool Co				
	Was system	pumped as part of the inspec	tion?	on? ☐ Yes ☒ No				
	If yes, volum	ne pumped:	gallon					
	How was qu	antity pumped determined?	-					
	Reason for p	oumping:						
	Type of Sys	stem:						
		Septic tank, distribution be	ox, soil ab	sorption systen	1			
		Single cesspool						
		Overflow cesspool						
		Privy						
	\boxtimes	Shared system (yes or no) (if yes, a	ttach previous	inspection records, if any)			
			be obtaine	ed from system	f the current operation and owner) and a copy of latest oder contract			
		Tight tank. Attach a copy	of the DEI	P approval.				
		Other (describe):						
		septic tank, pump chambe	er SAS					



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-16 Wampus Ave					
perty Address					
merset Hills Cond	o Association				
ner's Name		MA	01720	10-19-20	110
ton y/Town		State	Zip Code	Date of Ins	
Approximate age installed 5/97 per		ate installed (if replaced 10/23	known) and s /2006 per C.(e?	source of infor	
⊠ cast iron	☐ 40 PVC	other (explain): -		
Distance from pr	ivate water supply we	ell or suction lin	e: f	eet	
all visible joints a	are of good condition	with no evidend	ce of any leak	age. properly	vented
Septic Tank (loc	cate on site plan):				
Depth below gra	de:			all tanks have grade	manhole covers to
Material of cons	truction:				
⊠ concrete	☐ metal	fibergla	ss	olyethylene	other (explain)
If tank is metal,	list age:		-	years	
Is age confirmed	d by a Certificate of C	ompliance? (at	tach a copy c		☐ Yes ☐ No
Dimensions:					6", 2@17'x9'x4'
Sludge depth:				bldg10-12 19	", bldg 14-16 7"



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Property Address			
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City/Town	State	Zip Code	Date of Inspection
D. System Information (cont.)			

Septic Tank (cont.) bldg 10-12 38", bldg 14-16 25" Distance from top of sludge to bottom of outlet tee or baffle bldg 10-12 11" bldg 14-16 5" Scum thickness bldg 10-12 3", bldg 14-16 1" Distance from top of scum to top of outlet tee or baffle bldg 10-12 18", bldg 14-16 13" Distance from bottom of scum to bottom of outlet tee or baffle measured How were dimensions determined? Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural integrity, liquid levels as related to outlet invert, evidence of leakage, etc.): each building has two tanks in series, 8000 gallon to 4000 gallon. All baffles are PVC and are intact. Tanks are structurally sound, no evidence of leakage, recommend yearly pumping. Grease Trap (locate on site plan): Depth below grade: feet Material of construction: fiberglass polyethylene other (explain): concrete metal Dimensions: Scum thickness Distance from top of scum to top of outlet tee or baffle Distance from bottom of scum to bottom of outlet tee or baffle Date of last pumping: Date



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16 Wampus Ave				
perty Address merset Hills Condo /	Association			
ner's Name	ASSOCIATION			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
ron /Town		MA	01720	10-19-2018
		State	Zip Code	Date of Inspection
System Infor Comments (on pur liquid levels as rela	nping recommend	dations, inlet and		ffle condition, structural integr
Tight or Holding 1	Г ank (tank must t	pe pumped at tim	ne of inspection)	(locate on site plan):
Depth below grade	:		_	
Material of constru	ction:			
☐ concrete	☐ metal	☐ fibergla	ass po	lyethylene
Dimensions:			gallons	
Design Flow:			gallons per day	
Alarm present:			Yes	No
Alarm level:			Alarm in working	order: Yes No
Date of last pumping	ng:		Date	
Comments (condit	ion of alarm and t	float switches, et	c.):	
-				**************************************
	<u> </u>			
		ontract (required)		



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10-16 Wampus Ave

perty Address			
merset Hills Condo Association			
ner's Name	MA	01720	10 10 2019
ON /Town	State	Zip Code	10-19-2018 Date of Inspection
	Otato	Zip Oode	Date of mapeonon
System Information (cont.)			
Distribution Poy (if present must be one	anad) (lagat	o on sito plan):	
Distribution Box (if present must be open	erieu) (locali		
Depth of liquid level above outlet invert		0"	
Comments (note if box is level and distrib	hution to out	tlets equal any	evidence of solids carryover
evidence of leakage into or out of box, et N/A-no d-box			
			Notes as upcallings)
Pump Chamber (locate on site plan):			
Pumps in working order:			⊠ Yes □ No*
Alarms in working order:			⊠ Yes □ No*
Comments (note condition of pump chan	nber, condit	ion of pumps ai	nd appurtenances, etc.):
pump chamber is 10,500 gallons, cover this time		•	
uns une			
Ta Carte Car			X.
* If pumps or alarms are not in working o	order, syster	n is a condition	al pass.
Soil Absorption System (SAS) (locate	on site plan	, excavation no	t required):
	•	•	,
If SAS not located, explain why:			
			A PARA SATE DISEASE AND SATE OF THE SATE O



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)-16 Wampu operty Address					
	s Condo Association				
vner's Name					
cton		MA	01720	10-19-201	
ry/Town	- Information ()	State	Zip Code	Date of Inspe	ection
. Syster	n Information (cont.)				
Type:					
	leaching pits		number:		
	leaching chambers		number:		
	leaching galleries		number:		
\boxtimes	leaching trenches		number,	length:	pressure dose 20@88'
	leaching fields		number,	dimensions:	
	overflow cesspool		number:		
	innovative/alternative sys	stem			
	Type/name of technology	y: ——			
Cesspoo	ols (cesspool must be pumped	as part of in:	spection) (locat	e on site plan)):
Number a	and configuration				
Depth – t	op of liquid to inlet invert			1. 	
Depth of	solids layer			2	
Depth of	scum layer			Y6	
Dimensio	ons of cesspool				
Materials	of construction			19	
Indication	n of groundwater inflow			☐ Yes	☐ No



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10-16 Wampus Ave

pperty Address				
merset Hills Condo Association				
ner's Name				
eton	<u>MA</u>	01720	10-19-2018	
y/Town	State	Zip Code	Date of Inspection	
. System Information (cont.)	ı			
Comments (note condition of soil, sign etc.):	ns of hydraulic t	failure, level of	ponding, condition of vegetation,	
			200	
	1741 (7574)			
Privy (locate on site plan):				
Materials of construction:	-			
Dimensions	<u> </u>			
Depth of solids	V <u> </u>		53/1/	
Comments (note condition of soil, signetc.):	ns of hydraulic	failure, level of	ponding, condition of vegetation	



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Property Address Somerset Hills Condo Association			
Owner's Name			
Acton	MA	01720	10-19-2018
City/Town	State	Zip Code	Date of Inspection
D. System Information (cont.)			
Sketch Of Sewage Disposal System: P at least two permanent reference landr where public water supply enters the b	narks or bencl	hmarks. Locate	all wells within 100 feet. Locate
hand-sketch in the area below drawing attached separately			
			3,200



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Accessed USGS database - explain:

test hole data on file at BoH shows ground water @6'8"

You **must** describe how you established the high ground water elevation:

Subsurface Sewage Disposal System $\bar{\text{Form}}$ - Not for Voluntary Assessments

Somerset Hi Owner's Name	lls Condo Association			
Acton		MA	01720	10-19-2018
City/Town		State	Zip Code	Date of Inspection
D. Syste	m Information (cont.)	ſ		
Site Exa	nm:			
□ Che	ck Slope			
⊠ Surf	ace water			
⊠ Che	ck cellar			
⊠ Sha	llow wells			
Estimate	ed depth to high ground water:	:	6'8" feet	
Please i	ndicate all methods used to de	etermine the hi	gh ground wat	er elevation:
	Obtained from system des	sign plans on r	ecord	
	If checked, date of design	plan reviewed	Date	
	Observed site (abutting pr	roperty/observa	ation hole withi	n 150 feet of SAS)
\boxtimes	Checked with local Board	of Health - ex	olain:	
	Checked with local excav	ators, installers	s - (attach docu	ımentation)

Before filing this Inspection Report, please see Report Completeness Checklist on next page.



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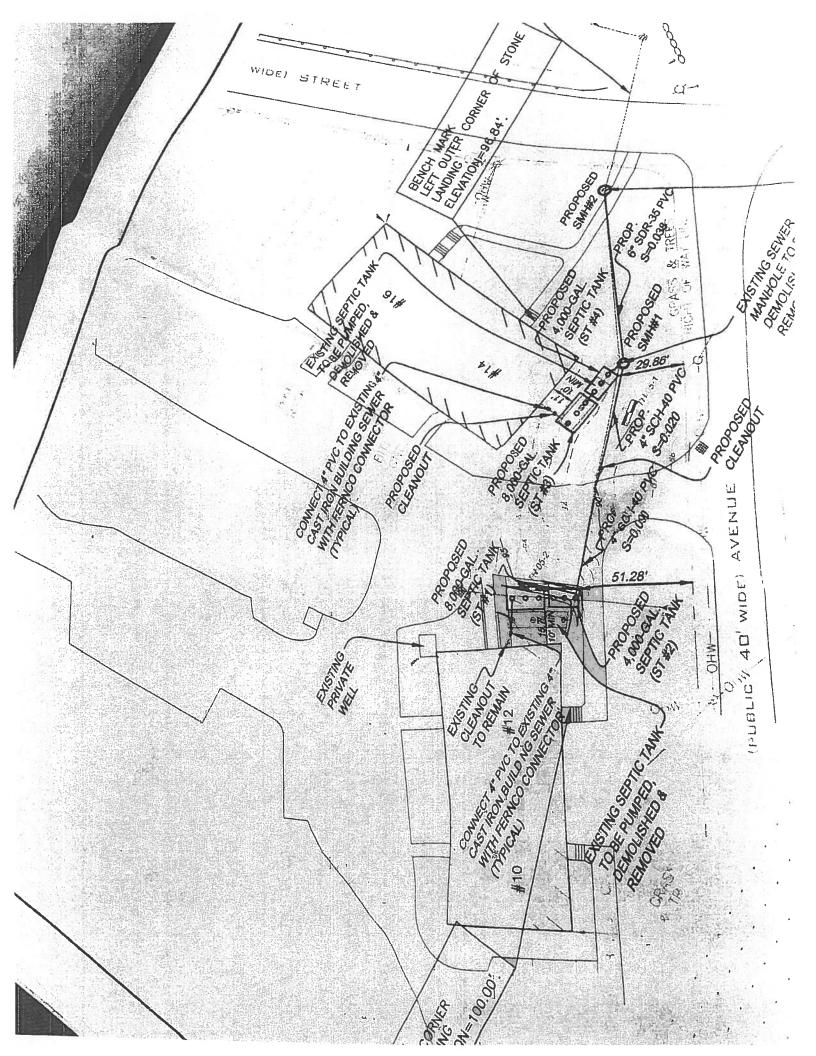
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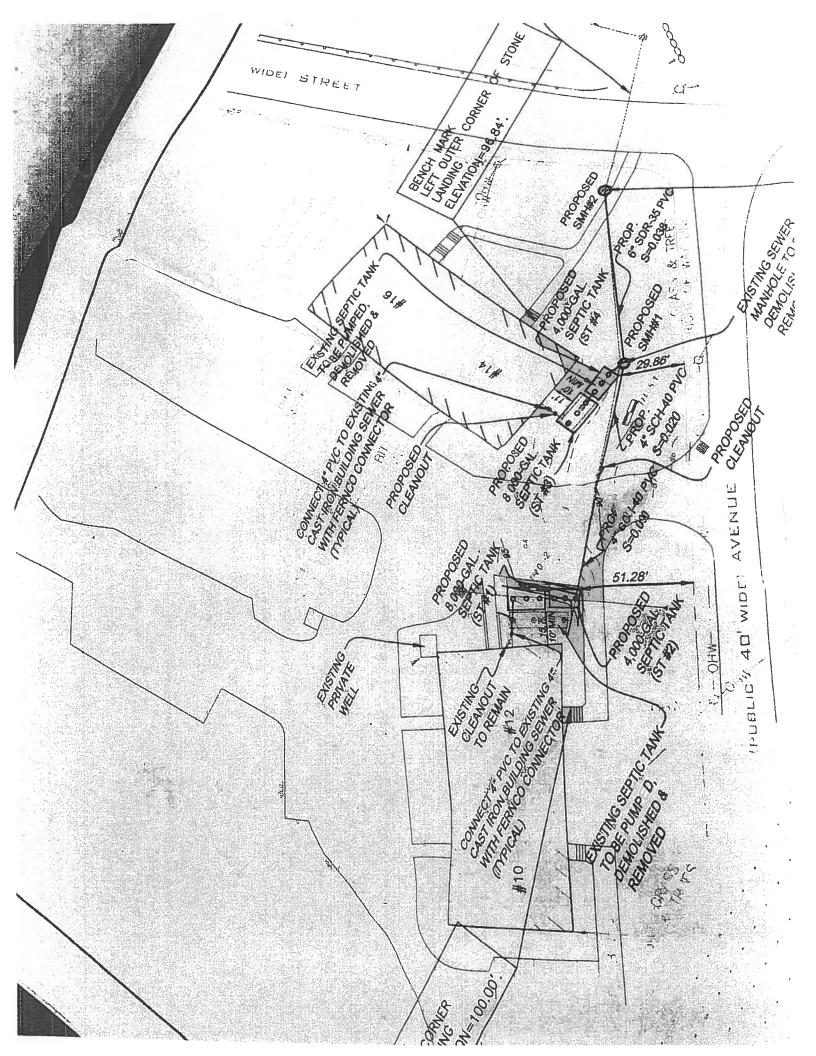
Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

City/Town	State	Zin Code	Date of Inspection	
Acton	MA	01720	10-19-2018	
Owner's Name				
Somerset Hills Condo Association				
Property Address				
10-16 Wampus Ave				

E. Report Completeness Checklist

- Inspection Summary: A, B, C, D, or E checked
- ☐ Inspection Summary D (System Failure Criteria Applicable to All Systems) completed
- Sketch of Sewage Disposal System either drawn on page 15 or attached in separate file





WAMPUS AVE APARTMENTS MAY 12,1997 88' (1)m \mathfrak{m} 00 T KX TO | 4 88' RETAINING WALLS В 2' RIM & COVERS TO GRADE 10,500 GAL PUMPCHAMBER 96-73 RR 10-16 Wampus Ave 10-7 EMERGENCY OVER FLOW VALVE G. NICHOLS CONST INC 2" ELECTINCAL LINE TO EXIST CHAMBER FEILD (508)263-7058



Town of Acton Land Use Department Health Division

472 Main Street, Acton, MA 01720 Phone: (978) 929-6632 Email: Health@acton-ma.gov

Board of Health Title 5 Review Form

Property Address: 10-16 Wa	mpus Ave	Date of Inspection	10/19/2018
Inspector/License Number: Tom O			10/10/2010
Company Name/Address: ABC Co		. Acton. MA 01720	
Telephone: 978-263-5802	Status: Pass V Fail		
Reviewing Agent: Evan Carloni	_		
	Title 5	Division Review	Status
System design flow	7810 gpd	7810 gpd	Status
Number of bedrooms - actual	71	X	- V
Garbage grinder	No	X	
Water softener	No	X	
Leaching area	Trenches: 20 - 88'	Trenches: 20 - 88'	
Locations match as-built	X	Yes	
Water meter readings	2924 gpd	X	
Estimated high groundwater	6'8"	6'8"	
Sump pump	No	X	1
Large Systems Only:			
System w/in 400 feet of			
surface drinking water supply			
System is w/in 200 feet of			
tributary to surface drinking	= = = =		
water supply			
System in Zone II or IWPA			
Action Items:			
2.			
3.			
4.			
Corrections needed?	No July Health Agent Signature	11/8/2018	

^{*}A copy of this form is sent to the Title 5 Inspector and to the property address inspected*