456 SUNDERLAND





Important:

forms on the

computer, use

to move your

use the return

key.

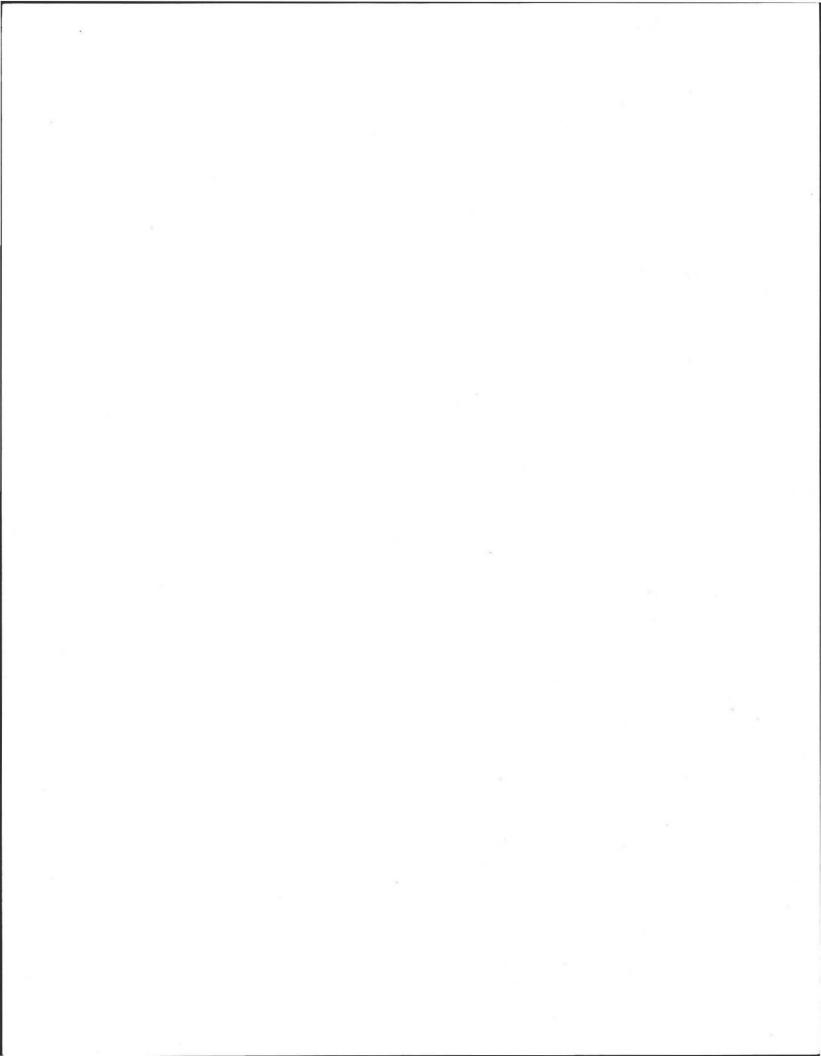
Commonwealth of Massachusetts City/Town of **Percolation Test** Form 12

Percolation test results must be submitted with the Soil Suitability Assessment for On-site Sewage Disposal. DEP has provided this form for use by local Boards of Health. Other forms may be used, but the information must be substantially the same as that provided here. Before using this form, check with the local Board of Health to determine the form they use.

A. Site Information

When filling out ZWINAKIS Owner Name only the tab key SUNDERLAND RCAD cursor - do not Street Address or Lot # MA 0002 AMHERST City/Town State Zip Code Contact Person (if different from Owner) Telephone Number **B. Test Results** 12 Time Date Time Date **Observation Hole #** Depth of Perc Start Pre-Soak End Pre-Soak Time at 12" Time at 9" Time at 6" Time (9"-6") 5 min Rate (Min./Inch) Test Passed: Test Passed: Test Failed: Test Failed: Test Performed By: # FRINCE Witnessed By: R. 1 FRINGLE 26 Comments: LOUSE FS E. SAND 76-132" A FSL BW LS C, FS 8-28" 2.5×5/4 2.5×5/2 400 lole" ure 28-86" Sound Sam t5form12.doc+ 06/03 Perc Test · Page 1 of 1 parent lacustine depth to bedrock 132"+

-270





Owner information is required for every page.

Commonwealth of Massachusetts **Title 5 Official Inspection Form**

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

456 Sunderland Road, Amherst,	MA			16	
Property Address		P			
Karen Zwinakis: (Mail: 9 Cricket	Lane, Simst	oury Ct. 060	70)		
Owner's Name		•			
Amherst		MA	01002	12.22.2011	
City/Town	2	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

	VV CA	y. Thease see completeness checkinst at the en	a of the form.	-	
Important: When filling out forms on the	A.	General Information		a.	DES TITLE
computer, use only the tab key	1.	Inspector:		Y	TEE
to move your		Alan E Weiss, M.S, Hydrogeologist, RS # 933			
cursor - do not use the return		Name of Inspector			
key.		Cold Spring Environmental Consultants Inc.			
		Company Name			
rab		350 Old Enfield Road			
		Company Address			
		Belchertown	MA		01007
rstum		City/Town	State		Zip Code
		413.323.5957	# 738		
		Telephone Number	License Number		2

B. Certification

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:



Conditionally Passes

🛛 Fails

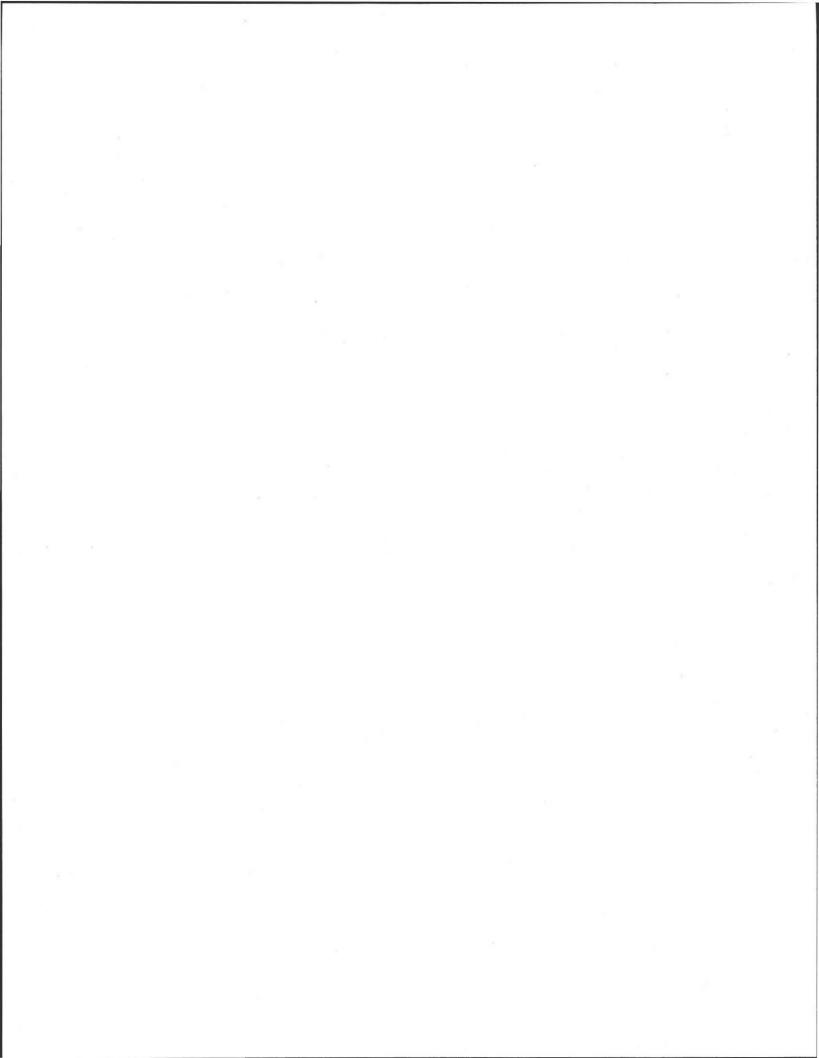
Needs Further Evaluation by the Local Approving Authority

12.22.2011 Date

Inspector's Signature

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 is a shared system or 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 Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

AND	456 Sunderland Road, Amherst, MA					
Owner information is required for	Property Address					
	Karen Zwinakis: (Mail: 9 Cricket Lane, Simsbury Ct. 06070)					
	Owner's Name					
	Amherst	MA	01002	12.22.2011		
page.	City/Town	State	Zip Code	Date of Inspection		
	The Carl Carland State					

B. Certification (cont.)

Inspection Summary: Check A,B,C,D or E / always complete all of Section D

A) System Passes:

I have not found any information which indicates that any of the failure criteria described in 310 CMR 15.303 or in 310 CMR 15.304 exist. Any failure criteria not evaluated are indicated below.

Comments:

Property has original 1000 Gal S. tank and no D. Box with L. field of 50+ yrs, Tank had no baffles (ARC type) and had some corrosion. Leach area had ponding in stone. Needs perc test and new engineered system with laundry system also connected.

B) System Conditionally Passes:

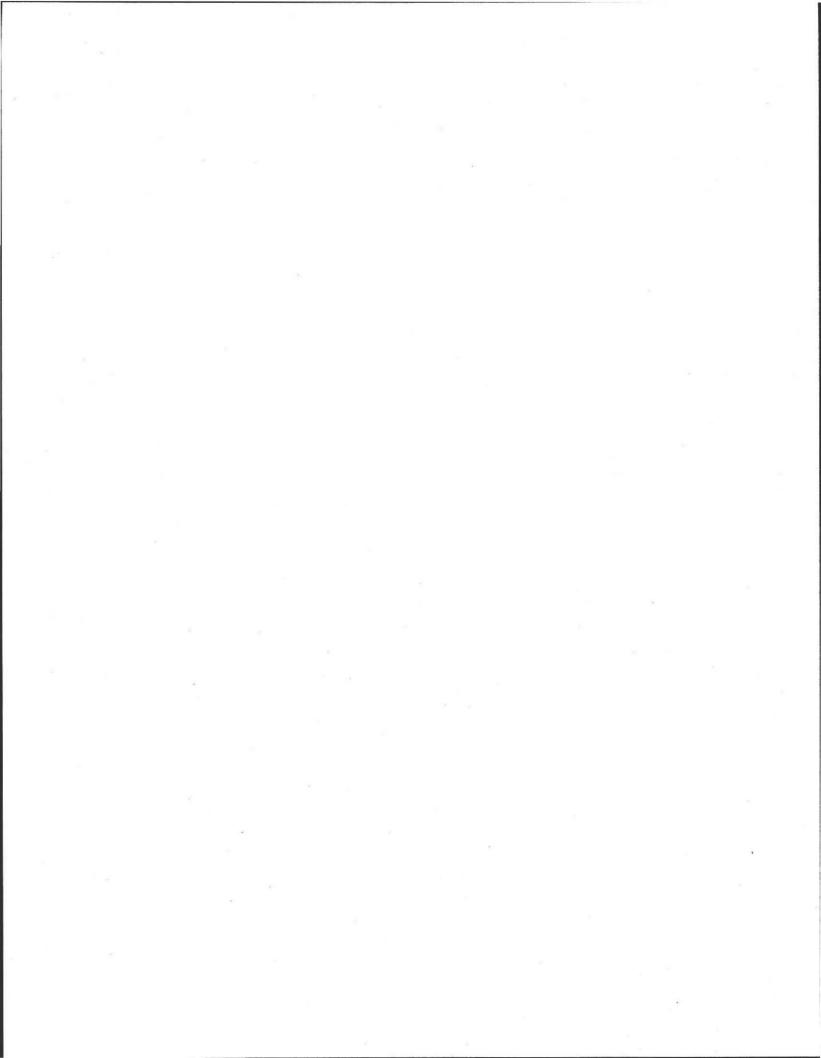
One or more system components as described in the "Conditional Pass" section need to be replaced or repaired. The system, upon completion of the replacement or repair, as approved by the Board of Health, will pass.

Check the box for "yes", "no" or "not determined" (Y, N, ND) for the following statements. If "not determined," please explain.

The septic tank is metal and over 20 years old* or the septic tank (whether metal or not) is structurally unsound, exhibits substantial infiltration or exfiltration or tank failure is imminent. System will pass inspection if the existing tank is replaced with a complying septic tank as approved by the Board of Health.

* A metal septic tank will pass inspection if it is structurally sound, not leaking and if a Certificate of Compliance indicating that the tank is less than 20 years old is available.

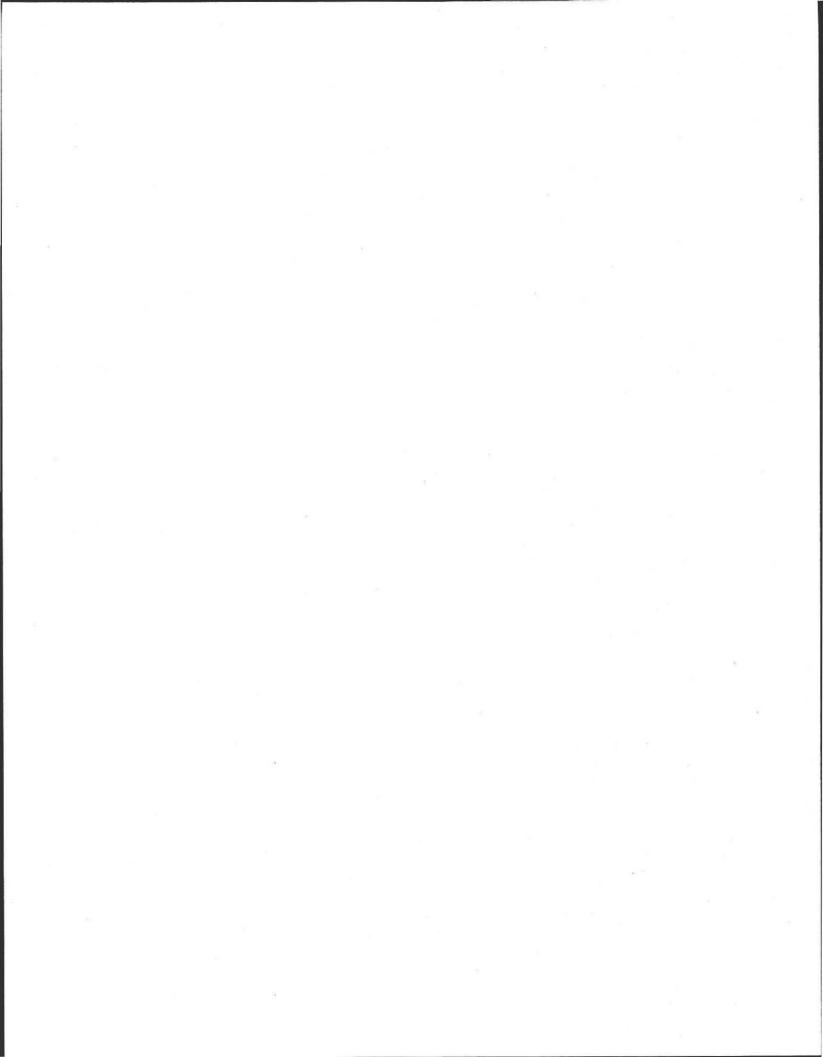
ΠΥ □ N ND (Explain below):





Commonwealth of Massachusetts Title 5 Official Inspection Form Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

S III P	Suba	sui	lace of	ewage Disposal System 1		VOIC	inta	19 / 330	551110	
A DELLA			nderlan Address	d Road, Amherst, MA						
				s: (Mail: 9 Cricket Lane, Sim	sbury Ct. 06	070)				
Owner information is	Owne									
required for	Amh City/T				MA State	-	010 Zin	002 Code		2.22.2011 Date of Inspection
every page.	-			otion (cont.)	Olate		Zip	Couc		ate of mapeolion
	D. (Je	runc	cont.)						
	E	3)	Syster	m Conditionally Passes (co	ont.):					
	[to brok	vation of sewage backup or ken or obstructed pipe(s) or nspection if (with approval or	due to a brok	en, s	settl			
				broken pipe(s) are replace	ed		Y	🗆 N		ND (Explain below):
				obstruction is removed			Y	🗌 N		ND (Explain below):
				distribution box is leveled	or replaced		Y	🗌 N		ND (Explain below):
	-			vstem required pumping mor n will pass inspection if (with broken pipe(s) are replace	approval of					en or obstructed pipe(s). Th ND (Explain below):
				obstruction is removed	iu.		1 V			ND (Explain below):
	_									
	_									
	C		Condit	er Evaluation is Required to ions exist which require furth stem is failing to protect pub	ner evaluatio	n by	the	Board o		
			1. Sys 15.303	stem will pass unless Boar B(1)(b) that the system is n and the environment:	rd of Health	dete	rmi	nes in a	ccol	dance with 310 CMR
				Cesspool or privy is within	50 feet of a	surfa	ce	water		
				Cesspool or privy is within	50 feet of a l	oorde	erin	g vegeta	ited v	vetland or a salt marsh





Owner information is required for every page.

Commonwealth of Massachusetts Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

456 Sunderland Road, Amherst, I Property Address	AN		
Karen Zwinakis: (Mail: 9 Cricket L	ane, Simsbury Ct. 060	70)	
Owner's Name			
Amherst	MA	01002	12.22.2011
City/Town	State	Zip Code	Date of Inspection

B. Certification (cont.)

2. System will fail unless the Board of Health (and Public Water Supplier, if any) determines that the system is functioning in a manner that protects the public health, safety and environment:

The system has a septic tank and soil absorption system (SAS) and the SAS is within 100 feet of a surface water supply or tributary to a surface water supply.

The system has a septic tank and SAS and the SAS is within a Zone 1 of a public water supply.

The system has a septic tank and SAS and the SAS is within 50 feet of a private water supply well.

The system has a septic tank and SAS and the SAS is less than 100 feet but 50 feet or more from a private water supply well**.

Method used to determine distance:

** This system passes if the well water analysis, performed at a DEP certified laboratory, for fecal coliform bacteria indicates absent and the presence of ammonia nitrogen and nitrate nitrogen is equal to or less than 5 ppm, provided that no other failure criteria are triggered. A copy of the analysis must be attached to this form.

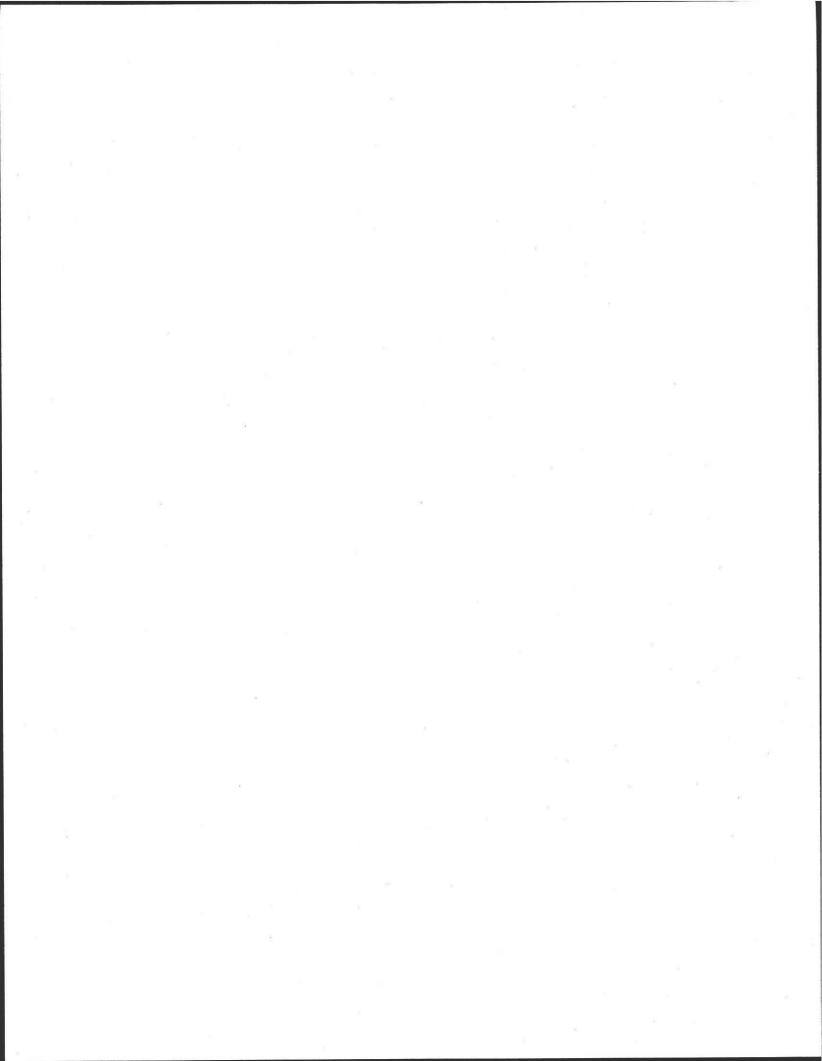
3. Other:

D) System Failure Criteria Applicable to All Systems:

You must indicate "Yes" or "No" to each of the following for all inspections:

Yes	No	
\boxtimes		Backup of sewage into facility or system component due to overloaded or clogged SAS or cesspool
	\boxtimes	Discharge or ponding of effluent to the surface of the ground or surface waters due to an overloaded or clogged SAS or cesspool
	\boxtimes	Static liquid level in the distribution box above outlet invert due to an overloaded or clogged SAS or cesspool
	\boxtimes	Liquid depth in cesspool is less than 6" below invert or available volume is less than 1/2 day flow

Title 5 Official Inspection Form: Subsurface Sewage Disposal System • Page 4 of 17



Commonwealth of Massachusetts Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

Owner information is required for every page.	456 Sunderland Road, Amhers	t, MA				
	Property Address					
	Karen Zwinakis: (Mail: 9 Cricket Lane, Simsbury Ct. 06070)					
	Owner's Name					
	Amherst	MA	01002	12.22,2011		
	City/Town	State	Zip Code	Date of Inspection		

B. Certification (cont.)

Yes	No	
	\boxtimes	Required pumping more than 4 times in the last year NOT due to clogged or obstructed pipe(s). Number of times pumped:
	\boxtimes	Any portion of the SAS, cesspool or privy is below high ground water elevation.
		Any portion of cesspool or privy is within 100 feet of a surface water supply or tributary to a surface water supply.
	\boxtimes	Any portion of a cesspool or privy is within a Zone 1 of a public well.
	\boxtimes	Any portion of a cesspool or privy is within 50 feet of a private water supply well.
		Any portion of a cesspool or privy is less than 100 feet but greater than 50 feet from a private water supply well with no acceptable water quality analysis. [This system passes if the well water analysis, performed at a DEP certified laboratory, for fecal coliform bacteria indicates absent and the presence of ammonia nitrogen and nitrate nitrogen is equal to or less than 5 ppm, provided that no other failure criteria are triggered. A copy of the analysis and chain of custody must be attached to this form.]
	\boxtimes	The system is a cesspool serving a facility with a design flow of 2000gpd- 10,000gpd.
		The system <u>fails</u> . I have determined that one or more of the above failure criteria exist as described in 310 CMR 15.303, therefore the system fails. The system owner should contact the Board of Health to determine what will be necessary to correct the failure.

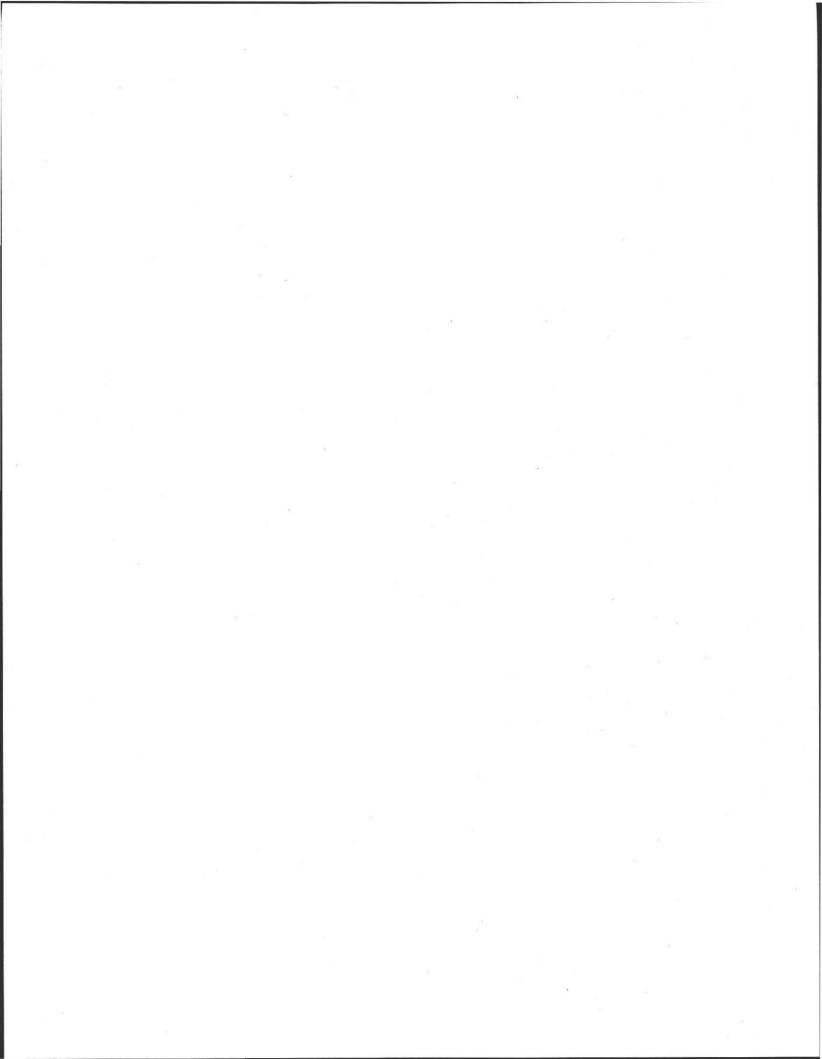
E) Large Systems: To be considered a large system the system must serve a facility with a design flow of 10,000 gpd to 15,000 gpd.

For large systems, you must indicate either "yes" or "no" to each of the following, in addition to the questions in Section D.

Yes	No	±
		the system is within 400 feet of a surface drinking water supply
		the system is within 200 feet of a tributary to a surface drinking water supply
		the system is located in a nitrogen sensitive area (Interim Wellhead Protection Area – IWPA) or a mapped Zone II of a public water supply well

If you have answered "yes" to any question in Section E the system is considered a significant threat, 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.





Commonwealth of Massachusetts

Title 5 Official Inspection Form Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

every page.	City/Town C. Checklist	State	Zip Code	Date of Inspection	
information is required for	Citu/Tour	State	Zip Code	Data of Increation	
	Amherst	MA	01002	12.22.2011	
Owner	Owner's Name				
	Karen Zwinakis: (Mail: 9 Cricket La	ne, Simsbury Ct. 060	70)		
	Property Address				
A COLUMN	456 Sunderland Road, Amherst, M.	A			

Check if the following have been done. You must indicate "yes" or "no" as to each of the following:

Yes	No	
\boxtimes		Pumping information was provided by the owner, occupant, or Board of Health
	\boxtimes	Were any of the system components pumped out in the previous two weeks?
	\boxtimes	Has the system received normal flows in the previous two week period?
	\boxtimes	Have large volumes of water been introduced to the system recently or as part of this inspection?
	\boxtimes	Were as built plans of the system obtained and examined? (If they were not available note as N/A)
\boxtimes		Was the facility or dwelling inspected for signs of sewage back up?
\boxtimes		Was the site inspected for signs of break out?
\boxtimes		Were all system components, excluding the SAS, located on site?
		Were the septic tank manholes uncovered, opened, and the interior of the tank inspected for the condition of the baffles or tees, material of construction, dimensions, depth of liquid, depth of sludge and depth of scum?
		Was the facility owner (and occupants if different from owner) provided with information on the proper maintenance of subsurface sewage disposal systems? The size and location of the Soil Absorption System (SAS) on the site has been determined based on:
\boxtimes		Existing information. For example, a plan at the Board of Health.
		Determined in the field (if any of the failure criteria related to Part C is at issue approximation of distance is unacceptable) [310 CMR 15.302(5)]

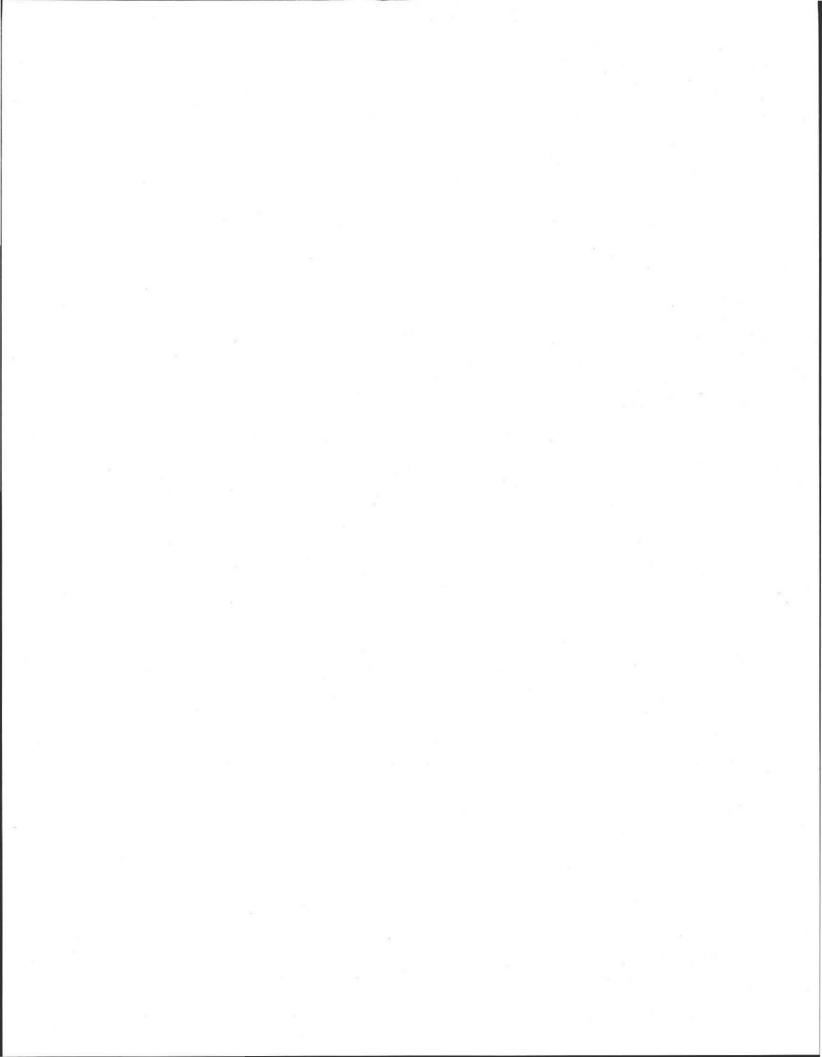
D. System Information

Residential	Flow	Conditions:
-------------	------	--------------------

Number of bedrooms (design):	?	Number of bedrooms (actual):	3

	2	
N	1	

DESIGN flow based on 310 CMR 15.203 (for example: 110 gpd x # of bedrooms):

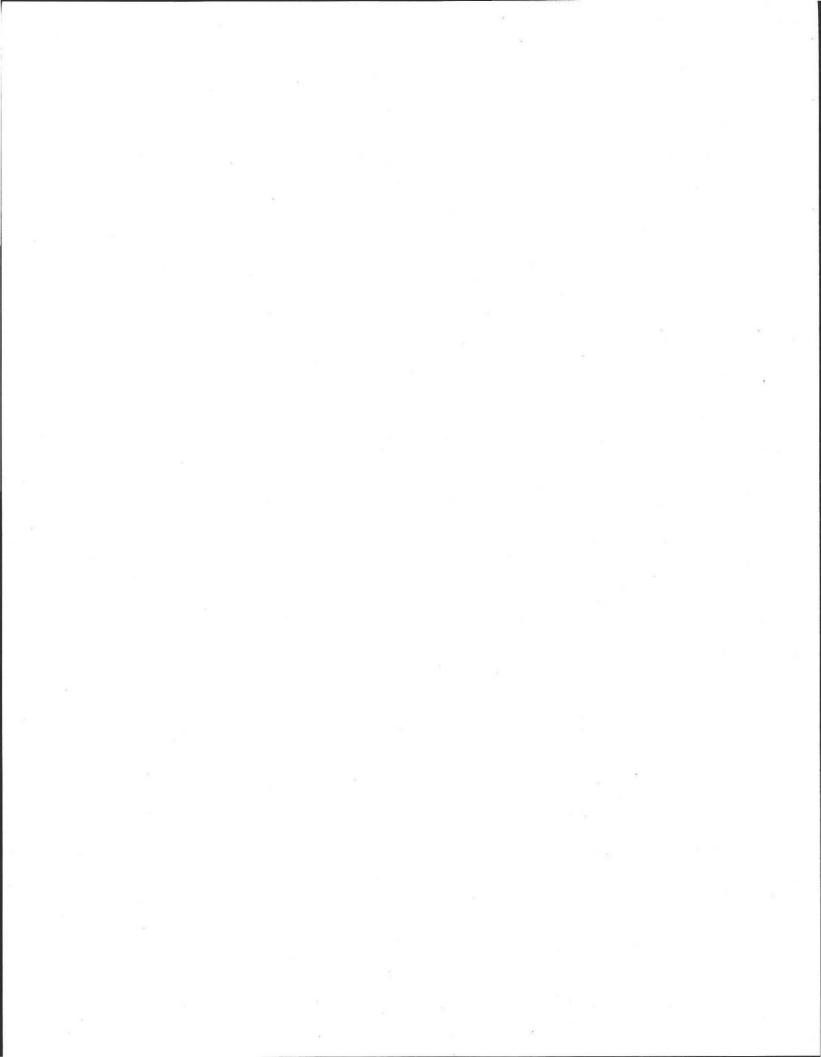




Commonwealth of Massachusetts Title 5 Official Inspection Form Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

	Karen Zwinakis: (Mail: 9 Cricket Lane, Simsbury Ct. 06070 Owner's Name)			
	Amherst MA	01002	12.22.201		
-	City/Town State D. System Information	Zip Code	Date of Insp	ection	
	Description: 1000 gallon S. tank and leach area (no d box), orange	e burg pipe ar	nd stone in hy	draulic failure.	
	Number of current residents:			0	
	Does residence have a garbage grinder?			🗌 Yes 🛛]
	Is laundry on a separate sewage system? [if yes separ	rate inspectio	n required]	🗌 Yes 🛛]
	Laundry system inspected?			🗌 Yes 🛛]
	Seasonal use?			🗌 Yes 🛛]
	Water meter readings, if available (last 2 years usage ((gpd)):		n/a	
	Detail: Laundry needs to be connected to main system and old	d discharge c	losed.		
	y				
	Sump pump?		2	🗌 Yes 🛛]
	Last date of occupancy:			Date	
	Commercial/Industrial Flow Conditions:			31	
	Type of Establishment:				
	Type of Establishment: Design flow (based on 310 CMR 15.203):	Gallons	per day (gpd)		
		Gallons	per day (gpd)		12
	Design flow (based on 310 CMR 15.203):	Gallons	per day (gpd)	Yes]
	Design flow (based on 310 CMR 15.203): Basis of design flow (seats/persons/sq.ft., etc.):	Gallons	per day (gpd)	Yes Yes]
	Design flow (based on 310 CMR 15.203): Basis of design flow (seats/persons/sq.ft., etc.): Grease trap present?	Gallons	per day (gpd)		

Title 5 Official Inspection Form: Subsurface Sewage Disposal System • Page 7 of 17

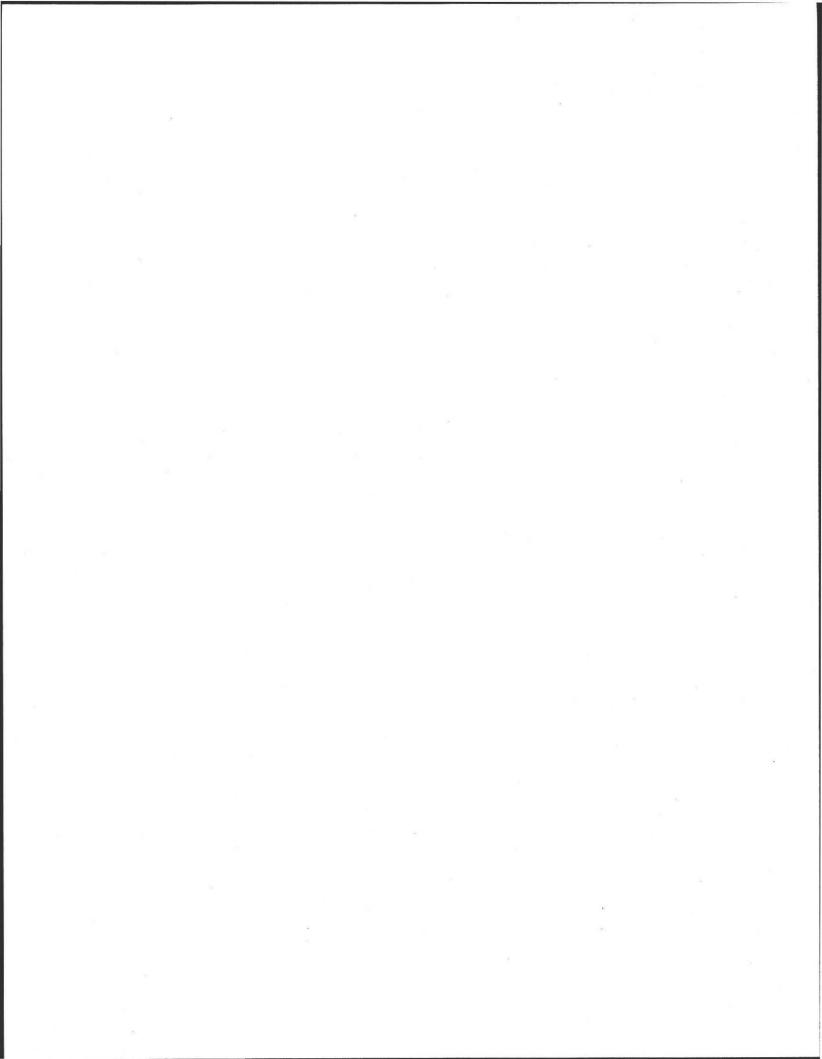




Commonwealth of Massachusetts Title 5 Official Inspection Form Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

	aren Zwinakis wner's Name	(Mail: 9 Cricket Lane, Simsbu	iry Ct. 0607	(0)	
1.000	mherst		MA	01002	12.22.2011
Sector Sector	ty/Town		State	Zip Code	Date of Inspection
D	. System	Information (cont.)			
	Last date of	occupancy/use:		Curren Date	t
	Other (desc	ribe below):		Date	
	н.	Ger	neral Inform	nation	ан са же уста с
	Pumping R	ecords:			
	Source of in	formation:	?+ yrs	5.	2
	Was system	pumped as part of the inspec	tion?		🗌 Yes 🛛 N
	If yes, volun	ne pumped:	1000 gallons		
	How was qu	antity pumped determined?	Meas		
	Reason for	pumping:	Insp.		
	Type of Sys	stem:			
	\boxtimes	Septic tank, distribution bo	ox, soil abso	orption system	
		Single cesspool			
		Overflow cesspool			
		Privy			
		Shared system (yes or no) (if yes, att	ach previous i	nspection records, if any)
		Innovative/Alternative tech			
			be obtained	from system	owner) and a copy of lates
		Tight tank. Attach a copy of	of the DEP	approval.	
	\boxtimes	Other (describe):			
		No box (only y)			

Title 5 Official Inspection Form: Subsurface Sewage Disposal System • Page 8 of 17

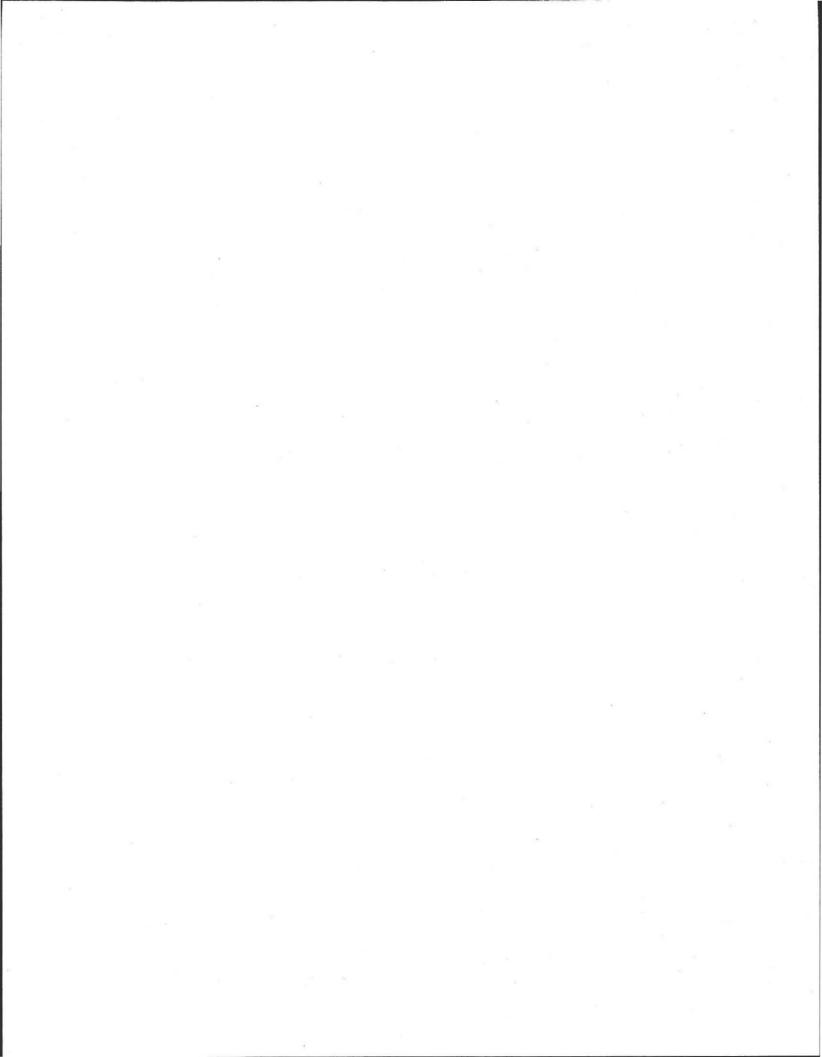




Commonwealth of Massachusetts Title 5 Official Inspection Form Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

primation is Amherst MA 01002 12.22.2011		Subsurface Sewage Di		Form - Not for Vo	untary Asses	sments		
Maren Zwinakis: (Mail: 9 Cricket Lane, Simsbury Ct. 06070) Owner's Name Amherst MA 01002 12.22.2011 CityTown State Zip Code Date of Inspection D. System Information (cont.) Approximate age of all components, date installed (if known) and source of information: 50+ Were sewage odors detected when arriving at the site? Yes S No Building Sewer (locate on site plan): Depth below grade: 7eet Material of construction: Cast iron 40 PVC other (explain): Distance from private water supply well or suction line: feet Comments (on condition of joints, venting, evidence of leakage, etc.): Good condition Septic Tank (locate on site plan): 2.5 feet Material of construction: Good condition 5 feet Good condition 5 feet 5 Good condition fitte plan): 2.5 feet Material of construction: Good condition fitte plan) feet Material of construction: go concrete metal fiberglass polyethylene other (explain) ARC type fit tank is metal, list age:	Card States		Amherst, MA					
Comer's Name MA 01002 12.22.2011 Date of Inspection Date of Inspection Date of Inspection D. System Information (cont.) Approximate age of all components, date installed (if known) and source of information: 50+ Were sewage odors detected when arriving at the site? Yes ⊠ No Building Sewer (locate on site plan): Depth below grade: 2.0 Depth below grade: 2.0 feet Material of construction: G cast iron 40 PVC other (explain): Distance from private water supply well or suction line: feet feet Comments (on condition of joints, venting, evidence of leakage, etc.): Good condition Septic Tank (locate on site plan): Depth below grade: 2.5 Good condition feet metail of construction: Septic Tank (locate on site plan): 2.5 feet Material of construction: Sconcrete metail			Cricket Lane Si	msbury Ct 06070	N N			
Mathematical CityTown Mate UTUD2 12.22.2011 Improvementation State Zip Code Date of Inspection D. System Information (cont.) Approximate age of all components, date installed (if known) and source of information: Sol+ Were sewage odors detected when arriving at the site? Improvementation: Vere Sole Vere Sole Depth below grade: 2.0 feet feet Material of construction: Improvementation (continue) feet Obstance from private water supply well or suction line: feet Comments (on condition of joints, venting, evidence of leakage, etc.): Good condition Septic Tank (locate on site plan): 2.5 Depth below grade: 2.5 Freet material of construction: G concrete metal fiberglass polyethylene other (explain) ARC type if tank is metal, list age: years years is age confirmed by a Certificate of Compliance? (attach a copy of certificate) Yes No Dimensions: 9.5 x 4.0' x 3.8' -78''	wner							
city/Town State Zip Code Date of Inspection D. System Information (cont.) Approximate age of all components, date installed (if known) and source of information: 50+ Were sewage odors detected when arriving at the site? Yes 🛛 No Building Sewer (locate on site plan): Depth below grade: 2.0 freet Material of construction: 2.0 Go cast iron Distance from private water supply well or suction line: feet Comments (on condition of joints, venting, evidence of leakage, etc.): Good condition Septic Tank (locate on site plan): 2.5 feet Depth below grade: 2.5 feet Material of construction: 2.5 feet Material of construction: 2.5 feet Material of construction: 90/94thylene If tank is metal, list age: years Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) Yes No Dimensions: 9.5 x 4.0' x 3.8'		Amherst		MA	01002	12.22.20	11	
Approximate age of all components, date installed (if known) and source of information: 50+ Were sewage odors detected when arriving at the site? □ Yes ☑ No Building Sewer (locate on site plan): □ 2.0 Depth below grade: 2.0 Material of construction: □ du PVC □ cast iron □ 40 PVC □ bistance from private water supply well or suction line: rest Comments (on condition of joints, venting, evidence of leakage, etc.): Good condition Good condition	ery page.	City/Town		State	Zip Code	Date of Ins	pection	
50+ Were sewage odors detected when arriving at the site? Yes No Building Sewer (locate on site plan): Depth below grade: Depth below grade: 2.0 feet Material of construction: C cast iron 40 PVC other (explain): Distance from private water supply well or suction line: feet Comments (on condition of joints, venting, evidence of leakage, etc.): Good condition Septic Tank (locate on site plan): Septic Tank (locate on site plan): Depth below grade: 2.5 Material of construction: Septic Tank (locate on site plan): Depth below grade: 2.5 Material of construction: Septic Tank (locate on site plan): Material of construction: gens Material of construction: Septic Tank (locate on grade): If tank is metal, list age: years If tank is metal, list age: years Is age confirmed by a Certificate of Compliance? (attach a copy of certificate)		D. System Inform	mation (cont.)				
Were sewage odors detected when arriving at the site? □ Yes ⊠ No Building Sewer (locate on site plan): 2.0 Depth below grade: 2.0 Material of construction: □ Yes ⊠ No Distance from private water supply well or suction line: reet Comments (on condition of joints, venting, evidence of leakage, etc.): Good condition Septic Tank (locate on site plan):		Approximate age of	all components, o	date installed (if kr	nown) and so	urce of inform	mation:	
Building Sewer (locate on site plan): 2.0 Depth below grade: 2.0 Material of construction: ifeet Distance from private water supply well or suction line: feet Comments (on condition of joints, venting, evidence of leakage, etc.): Good condition Septic Tank (locate on site plan):		50+						
Building Sewer (locate on site plan): 2.0 Depth below grade: 2.0 Material of construction:								
Depth below grade: 2.0 feet Material of construction:		Were sewage odors	detected when a	rriving at the site?] Yes 🛛 No	
Depth below grade: feet Material of construction: cast iron Distance from private water supply well or suction line: Distance from private water supply well or suction line: Distance from private water supply well or suction line: Comments (on condition of joints, venting, evidence of leakage, etc.): Good condition \hline \hline \hline \hline \hline \hline \hline <		Building Sewer (loo	cate on site plan):					
Material of construction: Material of construction: Distance from private water supply well or suction line: feet Comments (on condition of joints, venting, evidence of leakage, etc.): Good condition Septic Tank (locate on site plan): Depth below grade: % Material of construction: % % If tank is metal, list age: years Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) %		Depth below grade:			the second se			
⊠ cast iron 40 PVC other (explain): Distance from private water supply well or suction line: feet Comments (on condition of joints, venting, evidence of leakage, etc.): Good condition Good condition					feet			
Distance from private water supply well or suction line: feet Comments (on condition of joints, venting, evidence of leakage, etc.): Good condition Septic Tank (locate on site plan): Depth below grade: Material of construction: Concrete metal fiberglass polyethylene other (explain) ARC type If tank is metal, list age: years Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) Yes No Dimensions:		Material of construct	tion:					
Comments (on condition of joints, venting, evidence of leakage, etc.): Good condition Septic Tank (locate on site plan): Depth below grade: Material of construction: Concrete metal fiberglass polyethylene other (explain) ARC type If tank is metal, list age: Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) Yes No Dimensions:		🛛 cast iron	40 PVC	other (exp	olain):			
Good condition Septic Tank (locate on site plan): Depth below grade: 1 Material of construction: Image:		Distance from privat	e water supply w	ell or suction line:	feet			
Good condition Septic Tank (locate on site plan): Depth below grade: 1 Material of construction: Image:		Comments (on cond	lition of joints, ver	nting, evidence of	leakage, etc.)):		
Septic Tank (locate on site plan): Depth below grade: Material of construction: Image:				0.				
Depth below grade: 2.5 feet Material of construction:		Good condition						
Depth below grade: 2.5 Material of construction: Concrete metal fiberglass polyethylene other (explain) ARC type If tank is metal, list age: years Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) Dimensions: St x 4.0' x 3.8'								
Depth below grade: 2.5 feet Material of construction:								
Depth below grade: 2.5 feet Material of construction:						<u>)</u>		
Depth below grade: 2.5 feet Material of construction:		×.						
Depth below grade: feet Material of construction: ARC type If tank is metal, list age: years Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) Dimensions: AR''		Septic Tank (locate	on site plan):					
Material of construction: Mater		Death below and a			2.5			
M concrete metal fiberglass polyethylene other (explain ARC type If tank is metal, list age: Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) Dimensions: Yes No 9.5 × 4.0' × 3.8'		Depth below grade:						
⊠ concrete ☐ metal ☐ fiberglass ☐ polyethylene ☐ other (explain) ARC type If tank is metal, list age:		Material of construct	tion					
ARC type If tank is metal, list age: years Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) Dimensions: <8"								
If tank is metal, list age: years Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) \Box Yes \Box No Dimensions: $9.5 \times 4.0' \times 3.8'$		🖾 concrete	🗌 metal	fiberglass	poly	ethylene	other (explain	
If tank is metal, list age: years Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) \Box Yes \Box No Dimensions: $9.5 \times 4.0' \times 3.8'$		ARC type						
Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) \Box Yes \Box No Dimensions: $\frac{9.5 \times 4.0' \times 3.8'}{< 8''}$		1410 ()00					1 ·	
Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) \Box Yes \Box No Dimensions:								
Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) \Box Yes \Box No Dimensions:		+						
Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) \Box Yes \Box No Dimensions:							1	
Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) \Box Yes \Box No Dimensions:								
Is age confirmed by a Certificate of Compliance? (attach a copy of certificate) \Box Yes \Box No Dimensions: $9.5 \times 4.0' \times 3.8'$		If tank is metal, list a	ige:		Vea	rs		
Dimensions: 9.5 x 4.0' x 3.8'			-					
Dimensions.		Is age confirmed by	a Certificate of C	ompliance? (attac	h a copy of ce	ertificate)	🗌 Yes 🗌 No	
Dimensions.								
Sludge depth:		Dimension	1		9.	5 x 4.0' x 3.8	3'	
		Dimensions:			9.	5 x 4.0' x 3.8	3'	

Title 5 Official Inspection Form: Subsurface Sewage Disposal System • Page 9 of 17

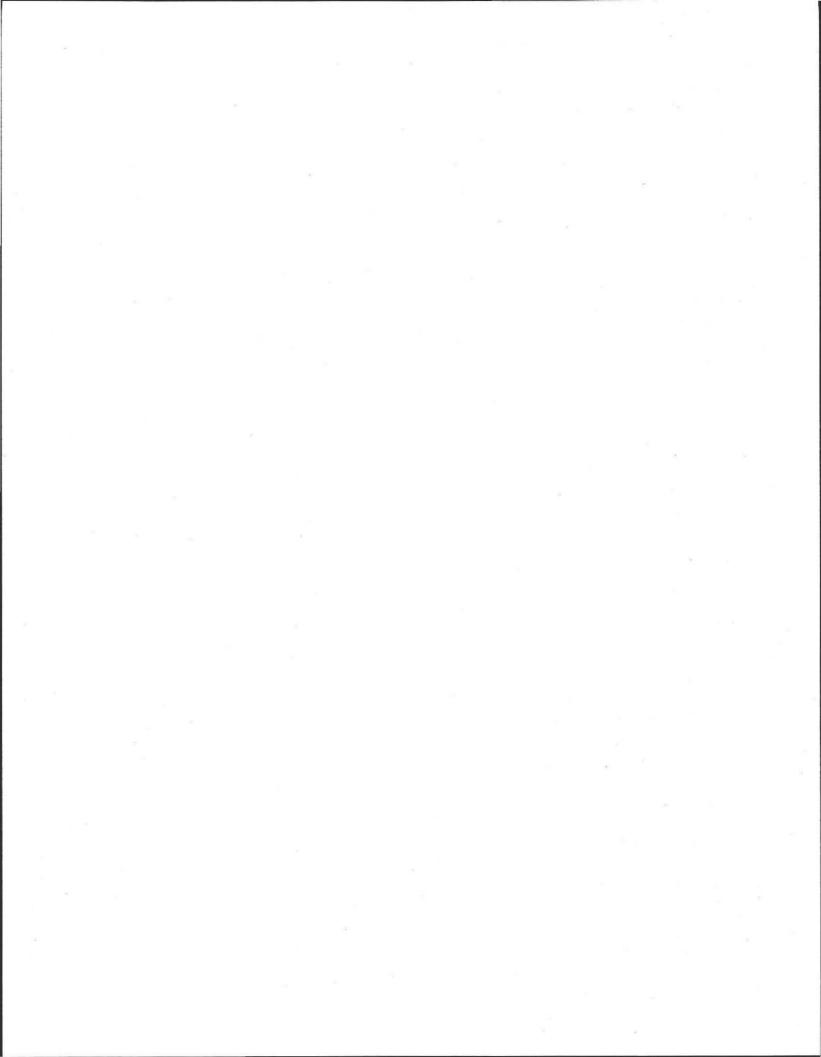




Commonwealth of Massachusetts Title 5 Official Inspection Form Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

	Karen Zwinakis: (Ma	ail: 9 Cricket Lane, Si	msbury Ct. 0607	(0)		
is	Owner's Name					
	Amherst	17. 	MA	01002 Zin Code	12.22.20	
	City/Town	ormation (ant	State	Zip Code	Date of Ins	pection
	D. System Infe	ormation (cont	.)			
	Septic Tank (co	ont.)				
	Distance from to	p of sludge to botton	n of outlet tee or	baffle	40"	10.
	Course this langes				6"	*
	Scum thickness					
	Distance from to	p of scum to top of c	outlet tee or baffle	е		
	Distance from bo	ottom of scum to bott	tom of outlet tee	or baffle	-	
	How were dimon	sions determined?			Obs	
				0.11		
	Comments (on p	oumping recommend elated to outlet invert	ations, inlet and	outlet tee o	or baffle condition	n, structural integri
		evel and had no baff				*
					Υ	
					Υ	
			2. ¹⁷			
	Grease Trap (loo	cate on site plan):	2 2 3			
			2 2 ³			
	Depth below grad	de:	2 2 2		feet	
		de:	2 ⁹		feet	
	Depth below grad	de:	☐ fibergla	ss	feet	☐ other (explai
	Depth below grad	de: ruction:	☐ fibergla	ss		☐ other (explai
	Depth below grad Material of const	de: ruction:	☐ fibergla	SS		☐ other (explai
	Depth below grad	de: ruction:	☐ fibergla	ss		☐ other (explai
	Depth below grad Material of const	de: ruction:	☐ fibergla	ss		☐ other (explai
	Depth below grad Material of const Concrete Dimensions: Scum thickness	de: ruction: metal				☐ other (explai
	Depth below grad Material of const Concrete Dimensions: Scum thickness Distance from top	de: ruction:	utlet tee or baffle	2		☐ other (explai
	Depth below grad Material of const Concrete Dimensions: Scum thickness Distance from top	de: ruction: metal	utlet tee or baffle	2		☐ other (explai

Title 5 Official Inspection Form: Subsurface Sewage Disposal System - Page 10 of 17





Commonwealth of Massachusetts Title 5 Official Inspection Form Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

A CONTRACTOR	456 Sunderland Road, Amherst	, MA			
	Property Address				
	Karen Zwinakis: (Mail: 9 Cricke	Lane, Simsbury Ct. 060	70)		
wner	Owner's Name				
information is required for every page.	Amherst	MA	01002	12.22.2011	
	City/Town	State	Zip Code	Date of Inspection	

D. System Information (cont.)

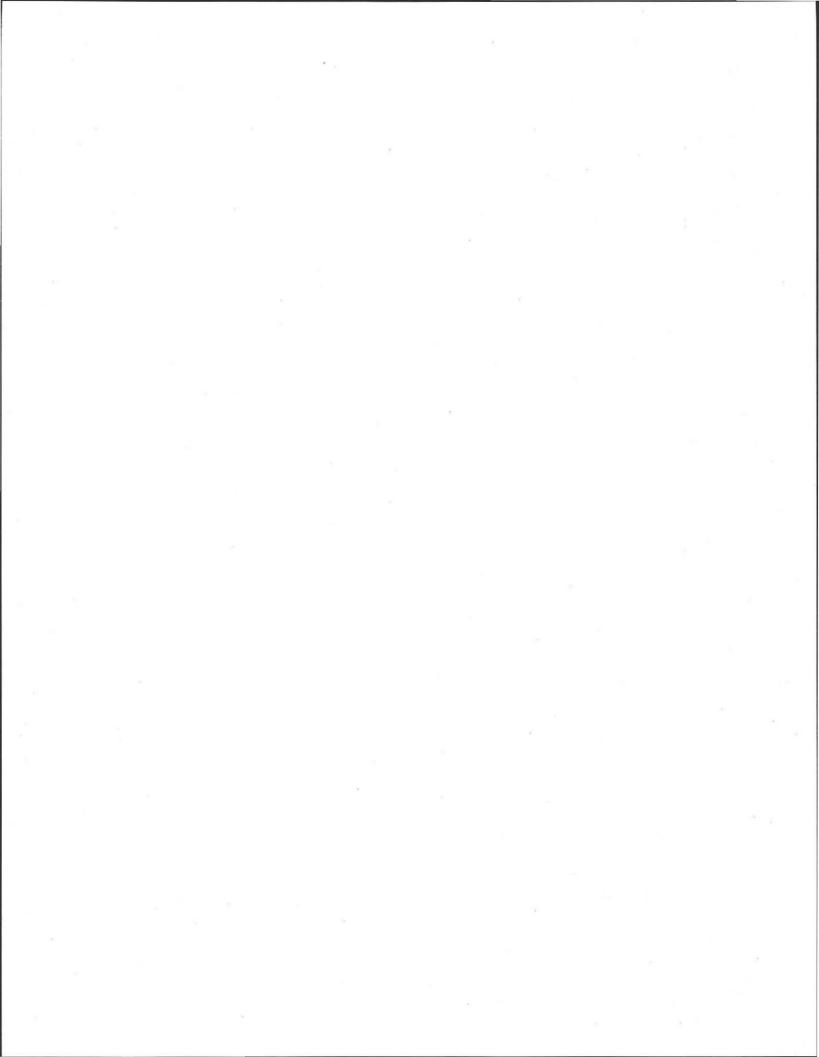
Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural integrity, liquid levels as related to outlet invert, evidence of leakage, etc.):

Fight or Holding Tank	(tank must be pump	ed at time of inspection)	(locate on site plan):
------------------------------	--------------------	---------------------------	------------------------

Depth below grade:

Material of construction:

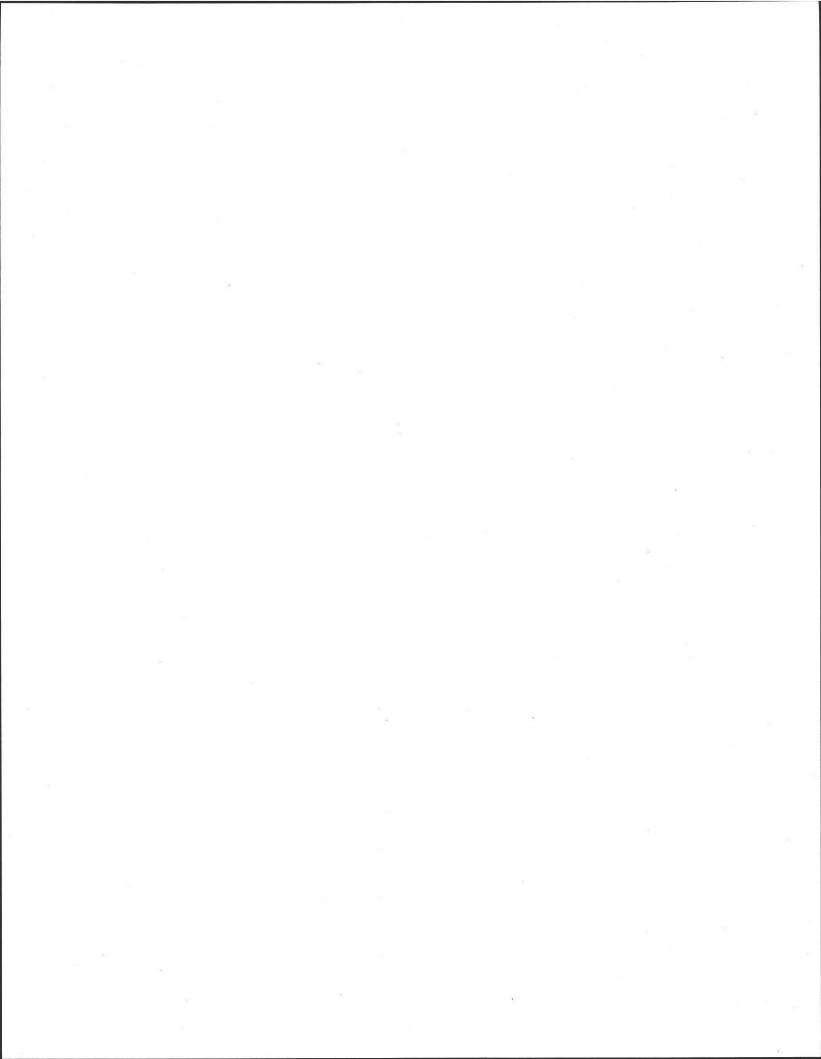
concrete	metal	☐ fiberglass	polyethylen	ie 🗌 oth	er (explain):
Dimensions:					
Dimensions.		a			
Capacity:		gallons			
Design Flow:		gallons p	er day		
Alarm present:		🗌 Ye	s 🗌 No		
Alarm level:		Alarm ir	working order:	🗌 Yes	🗌 No
Date of last pumpi	ing:	Date			
Comments (condit	tion of alarm and fl	loat switches, etc.):		1	
8	R.				10
	5		y.	,	-
				×	П
* Attach copy of c	urrent pumping cor	ntract (required). Is copy	attached?	🗌 Yes	🗌 No





Commonwealth of Massachusetts Title 5 Official Inspection Form

	Subsurface Sewage Disposal System Form - Not for Voluntary Assessments					
	456 Sunderland Road, Amherst, MA					
	Property Address				1	
2	Karen Zwinakis: (Mail: 9 Cricket Lane, Simsbury	Ct. 0607	70)		16	
Owner information is	Owner's Name					
required for		MA	01002	12.22.2011		
every page.	City/Town	State	Zip Code	Date of Inspection		
	D. System Information (cont.) Distribution Box (if present must be opened	1) (locate	on site plan):			
	Depth of liquid level above outlet invert	1) (1000110	-			
2	Depth of liquid level above outlet livert				1	
	Comments (note if box is level and distribution evidence of leakage into or out of box, etc.):	on to out	ets equal, any e	evidence of solids carryover,	any	
		2	×.			
				a		
а ж	s					
			2 8			
	Pump Chamber (locate on site plan):					
	Pumps in working order:			🗌 Yes 🗌 No		
	Alarms in working order:		24 32	🗌 Yes 🗌 No		
	Comments (note condition of pump chamber	, conditio	on of pumps and	d appurtenances, etc.):		
			7			
	· · · · · · · · · · · · · · · · · · ·			1		
	Soil Absorption System (SAS) (locate on s	ite plan,	excavation not	required):		
	If SAS not located, explain why:					
		1				
				12 1		
				4		
		81				





Commonwealth of Massachusetts Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

456 Sunderland Road, Amherst,	MA			
Property Address				
Karen Zwinakis: (Mail: 9 Cricket l	ane, Simsbury Ct. 060	70)		
Owner's Name	1			
Amherst	MA	01002	12.22.2011	
City/Town	State	Zip Code	Date of Inspection	
	Property Address Karen Zwinakis: (Mail: 9 Cricket L Owner's Name Amherst	Karen Zwinakis: (Mail: 9 Cricket Lane, Simsbury Ct. 060 Owner's Name Amherst MA	Property Address Karen Zwinakis: (Mail: 9 Cricket Lane, Simsbury Ct. 06070) Owner's Name Amherst MA 01002	Property Address Karen Zwinakis: (Mail: 9 Cricket Lane, Simsbury Ct. 06070) Owner's Name Amherst MA 01002 12.22.2011

D. System Information (cont.)

Туре:			
	leaching pits	number:	
	leaching chambers	number:	ж
	leaching galleries	number:	
	leaching trenches	number, length:	1
\boxtimes	leaching fields	number, dimensions:	3 lines in failure
	overflow cesspool	number:	
	innovative/alternative system		
	Type/name of technology:	 	

Comments (note condition of soil, signs of hydraulic failure, level of ponding, damp soil, condition of vegetation, etc.): Stone in failure

Cesspools (cesspool must be pumped as part of inspection) (locate on site plan):

Number and configuration Depth – top of liquid to inlet invert

Depth of solids layer

Depth of scum layer

Dimensions of cesspool

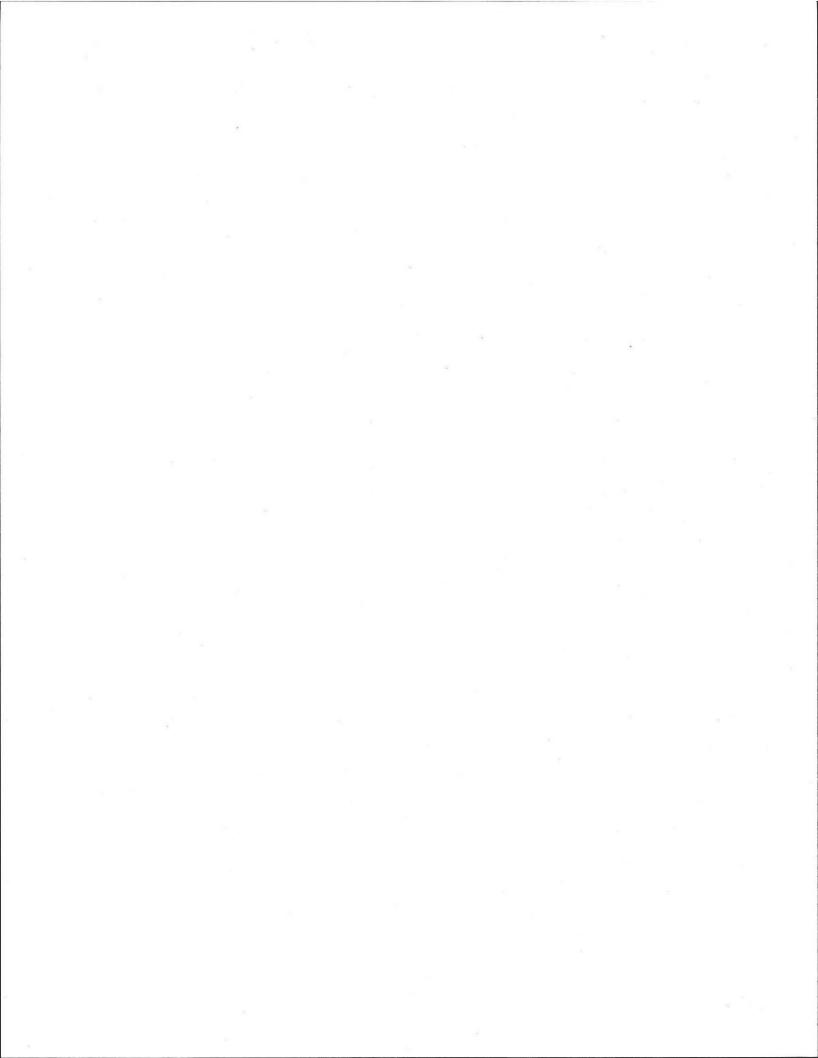
Materials of construction

Indication of groundwater inflow

Title 5 Official Inspection Form: Subsurface Sewage Disposal System • Page 13 of 17

Yes

No No





Owner information is required for every page.

Commonwealth of Massachusetts Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

Property Address				
Karen Zwinakis: (Mail: 9 Cricke	t Lane, Simsbury Ct. 060	70)		
Owner's Name	1			
Amherst	MA	01002	12.22.2011	
City/Town	State	Zip Code	Date of Inspection	

D. System Information (cont.)

Comments (note condition of soil, signs of hydraulic failure, level of ponding, condition of vegetation, etc.):

Privy (locate on site plan):

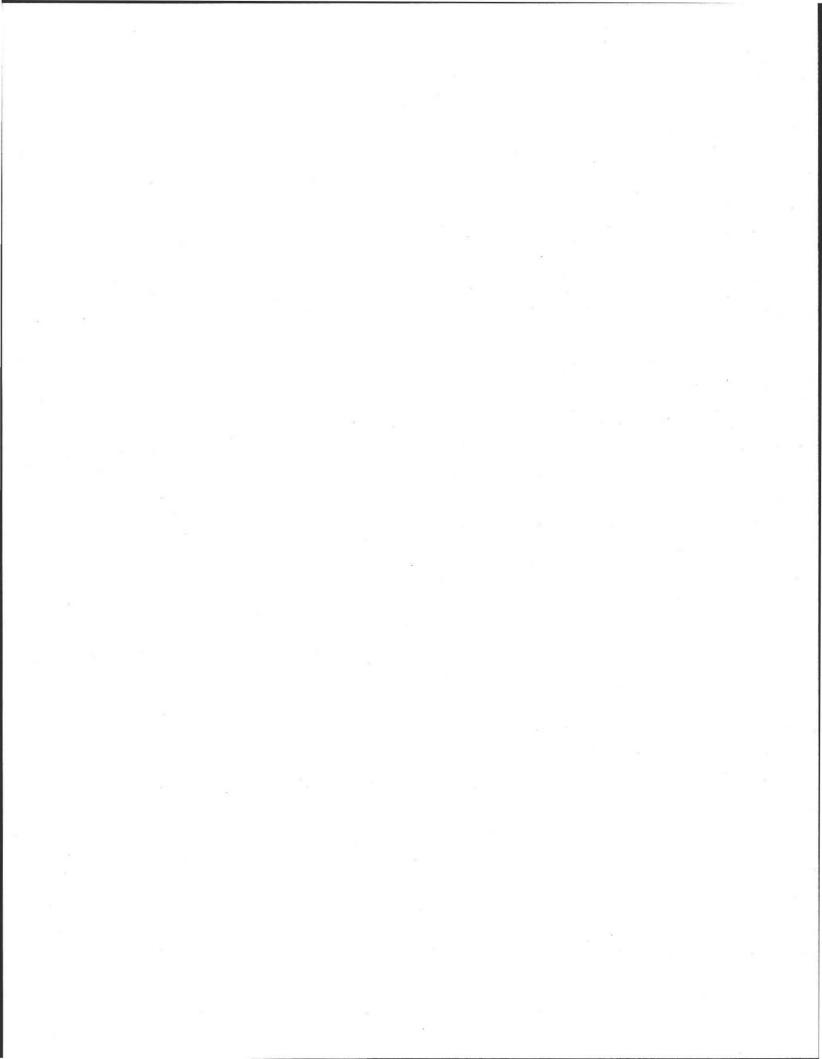
Materials of construction:

Dimensions

Depth of solids

Comments (note condition of soil, signs of hydraulic failure, level of ponding, condition of vegetation, etc.):

1





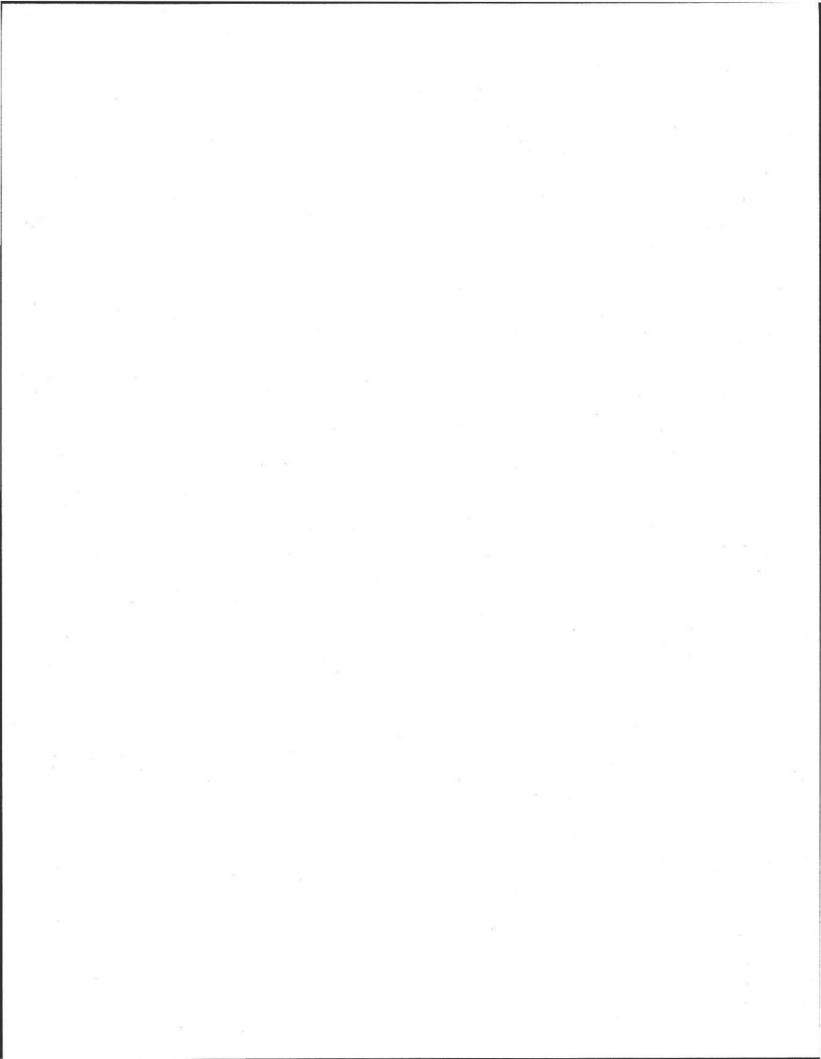
Commonwealth of Massachusetts Title 5 Official Inspection Form Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

-	Karen Zwinakis: (Mail: 9 Cricket La	ne, Simsbury Ct. 060	70)		
Owner information is	Owner's Name				
intormation is			01000	12 22 2011	
required for	Amherst	MA	01002	12.22.2011	

D. System Information (cont.)

Sketch Of Sewage Disposal System: Provide a view of the sewage disposal system, including ties to at least two permanent reference landmarks or benchmarks. Locate all wells within 100 feet. Locate where public water supply enters the building. Check one of the boxes below:

hand-sketch in the area below drawing attached separately \boxtimes





information is

required for

every page.

 456 Sunderland Road, Amherst, MA

 Property Address

 Karen Zwinakis: (Mail: 9 Cricket Lane, Simsbury Ct. 06070)

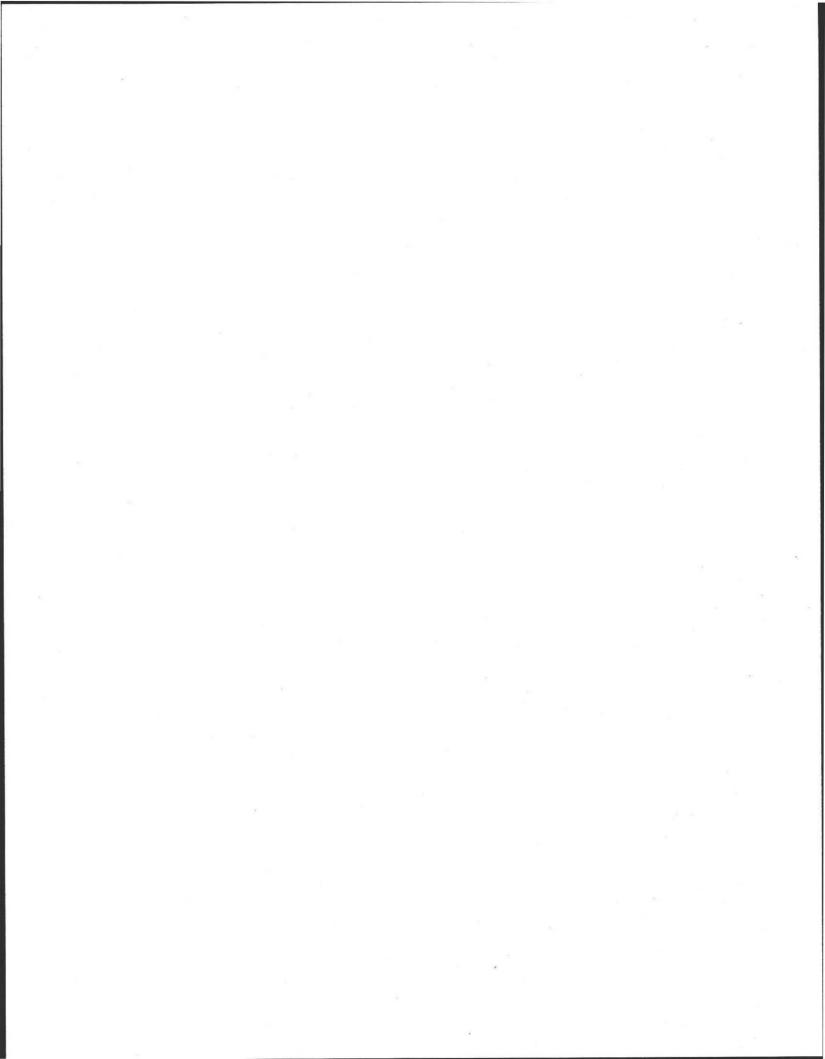
 Owner's Name

 Amherst
 MA

 01002
 12.22.2011

ty/Town		State	Zip Code	Date of Inspection
. Syster	n Information (cont.)			
Site Exa	m :			
🛛 Chec	k Slope			
Surfa	ice water			
Chec	k cellar			
	ow wells			
			5-6' to	oo of terrace.
Estimated	d depth to high ground water:	120	feet	
Please in	dicate all methods used to deter	mine the hi	gh ground wate	er elevation:
	Obtained from system design	plans on re	ecord	
	If checked, date of design pla	n reviewed	Date	
	Observed site (abutting prope	erty/observa	ation hole within	150 feet of SAS)
\boxtimes	Checked with local Board of H	Health - exp	lain:	
	Work at site across st.			
	Checked with local excavator	s, installers	- (attach docur	mentation)
	Accessed USGS database - e	explain:		
	t describe how you established t levation of terrace to wetland an		und water elev	ation:

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





Commonwealth of Massachusetts Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

456 Sunderland Road, Amherst	, MA			
Property Address				
Karen Zwinakis: (Mail: 9 Cricket	Lane, Simsbury Ct. 060	70)		
Owner's Name				
Amherst	MA	01002	12.22.2011	
City/Town	State	Zip Code	Date of Inspection	
	Property Address Karen Zwinakis: (Mail: 9 Cricket Owner's Name Amherst	Karen Zwinakis: (Mail: 9 Cricket Lane, Simsbury Ct. 060 Owner's Name Amherst MA	Property Address Karen Zwinakis: (Mail: 9 Cricket Lane, Simsbury Ct. 06070) Owner's Name Amherst MA 01002	Property Address Karen Zwinakis: (Mail: 9 Cricket Lane, Simsbury Ct. 06070) Owner's Name Amherst MA 01002 12.22.2011

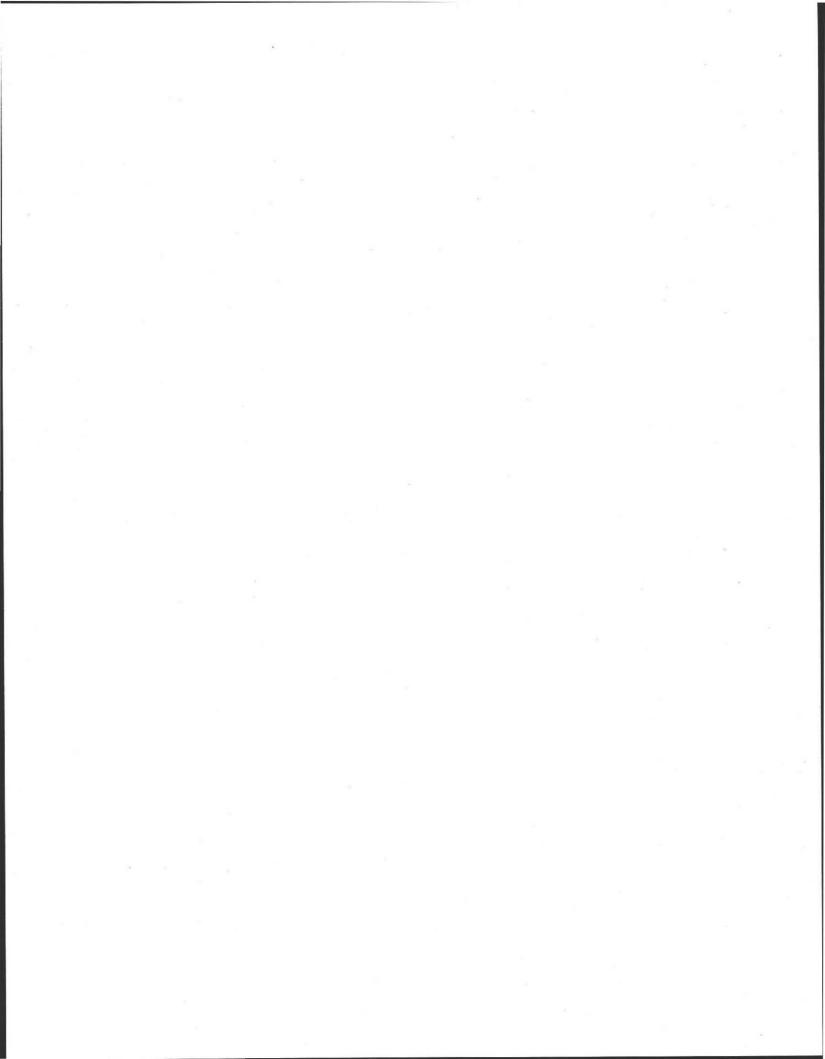
E. Report Completeness Checklist

Inspection Summary: A, B, C, D, or E checked

Inspection Summary D (System Failure Criteria Applicable to All Systems) completed

System Information – Estimated depth to high groundwater

Sketch of Sewage Disposal System either drawn on page 15 or attached in separate file





Owner information is required for every page.

Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

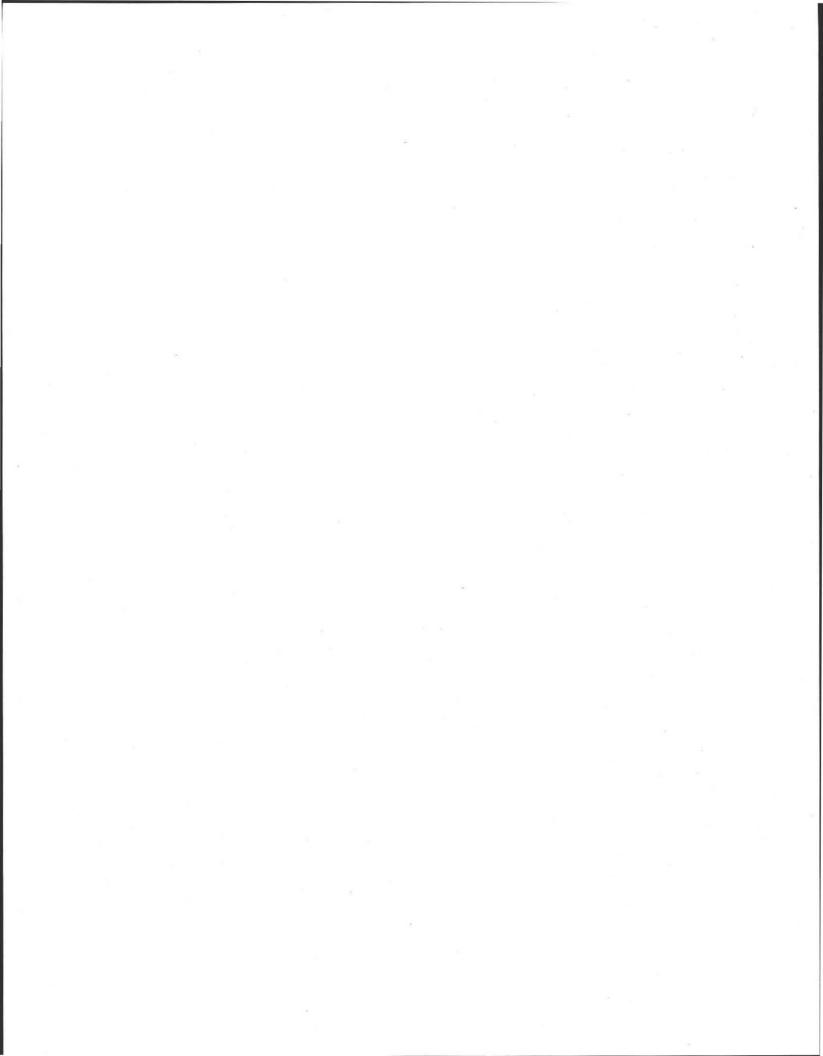
456 Sunderland Road, Amherst, Property Address	MU Y	and the forther years	
Karen Zwinakis: (Mail: 9 Cricket I	Lane, Simsbury Ct. 060	70)	
Owner's Name			
Amherst	MA	01002	12.22.2011
City/Town	State	Zip Code	Date of Inspection

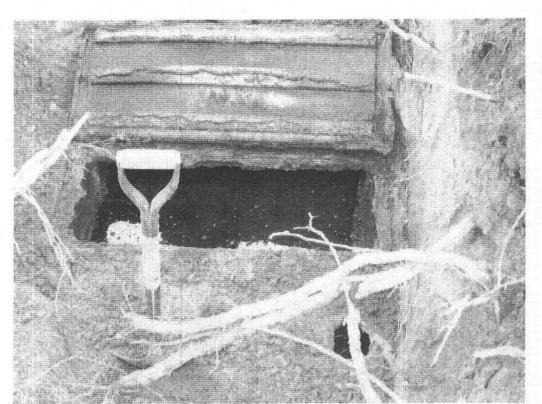
D. System Information (cont.)

Sketch Of Sewage Disposal System: Provide a view of the sewage disposal system, including ties to at least two permanent reference landmarks or benchmarks. Locate all wells within 100 feet. Locate where public water supply enters the building. Check one of the boxes below:

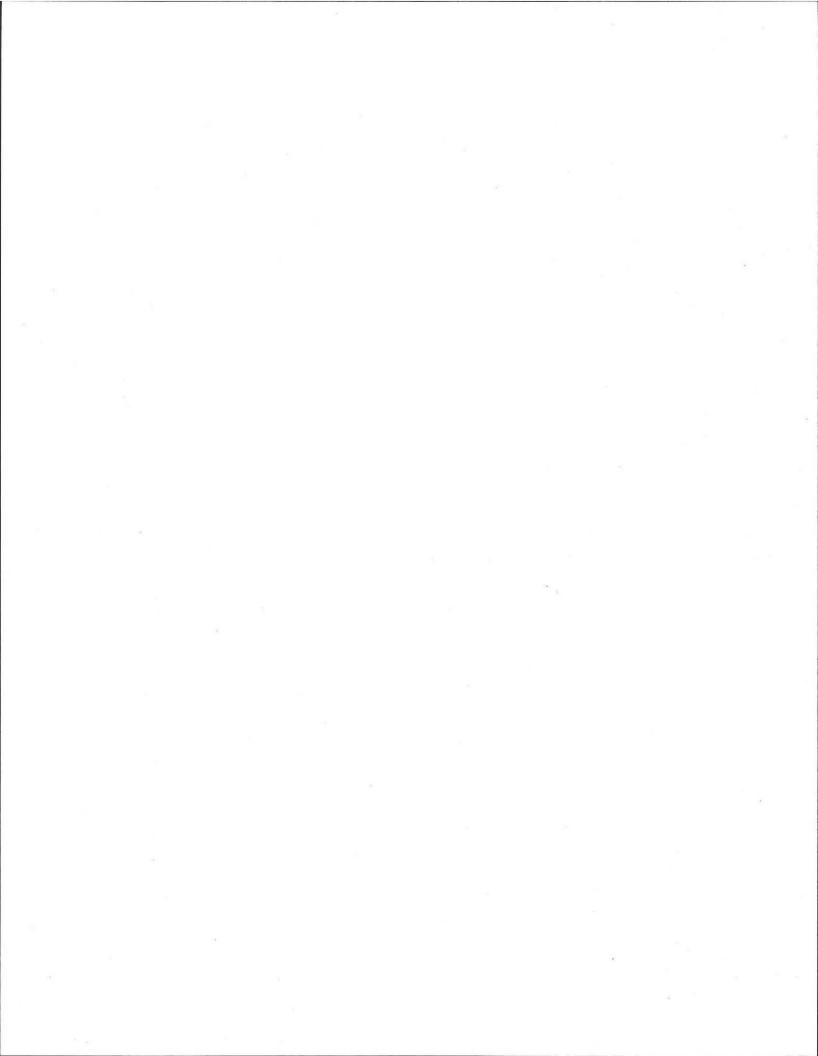
☐ hand-sketch in the area below
 ☑ drawing attached separately

(Rte 116) 1) \$ ١ V C \$2 Lesch Area Slope Pond





Arc Type Septic Tank 456 Sunderland Road Amherst, MA 12.22.2011





Failed Leach Area (Ponding in Stone) 456 Sunderland Road Amherst, MA 12.22.2011

