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TITLE 5

OFFICIAL INSPECTION FOR` - NOT FOR VOLUNTARY ASSESSMENTS SUBSURFACE SEWAGE DISPOSAL SYSTEM FORM PART' A CERTIFICATION

Property Address: 75 Woodlot Road, Amherst, MA

Owner's Name: Catherine Hegepath (C/O Karls Excavating, River Road, Hadey)

Owner's Address: 75 Woodlot Road

Amherst, MA 01007

Date of Inspection: May 02, 2001

Name of Inspector: <u>Alan E. Weiss, R.S # 933</u> Company Name: <u>Cold Spring Environmental Inc.</u>

Mailing Address: 350 Old Enfield Road

Belchertown, Massachusetts 01007

Telephone Number: (413) 323-5957 fax: 413-323-4916

CERTIFICATION STATEMENT

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:

XX Passes

Conditionally Passes

Needs Further Evaluation by the Local Approving Authority

Fails

Inspector's Signature:

Date: May 2, 2001

The system inspector shall submit a copy of this inspection report to the Approving Authority (Board of Hear 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.

Notes and Comments

System is in Good Condition Levels are ok, Pump is working fine and and system is only approximately 6 years old.

****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.

OFFICIAL INSPECTION FORM – NOT FOR VOLUNTARY ASSESSMENTS SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM PART A

CERTIFICATION (continued)

Property Address: _	75 WOODLOT	·*	
Owner:	HEDGEPETH Slozloi		
Inspection Summary	y: Check A,B,C,D or E / ALWA)	<u>'S</u> complete all of Section	D
A. System Passes:			
I have not four 15.303 or in 310 CM	nd any information which indicates R 15.304 exist. Any failure criteria r	that any of the failure crite not evaluated are indicated	ria described in 310 CMR below.
Comments:	sa *		
B. System Condition	onally Passes:		
One or more s repaired. The system,	system components as described in t , upon completion of the replacemen	the "Conditional Pass" sect at or repair, as approved by	tion need to be replaced or the Board of Health, will pass.
Answer yes, no or no explain.	of determined (Y,N,ND) in the	for the following statemen	us. If "not determined" please
unsound, exhibits sub existing tank is replace *A metal septic tank	k is metal and over 20 years old* or bstantial infiltration or exfiltration o ced with a complying septic tank as will pass inspection if it is structura nk is less than 20 years old is availa	r tank failure is imminent. approved by the Board of	System will pass inspection if the Health.
ND explain:			¥
Observation of obstructed pipe(s) or approval of Board of	broken pipe(s) are i	distribution box. System w replaced wed	distribution box due to broken or ill pass inspection if (with
ND explain:	distribution box is l	leveled or replaced	
The system r pass inspection if (w	required pumping more than 4 times with approval of the Board of Health	a year due to broken or of	ostructed pipe(s). The system will
	broken pipe(s) are re obstruction is remov		
ND explain:			

OFFICIAL INSPECTION FORM - NOT FOR VOLUNTARY ASSESSMENTS SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM PART A CERTIFICATION (continued)

Toperty Address: 45 Wasta
wher: Herefeth
ate of Inspection: 5 or o
. Further Evaluation is Required by the Board of Health:
Conditions exist which require further evaluation by the Board of Health in order to determine if the system stalling to protect public health, safety or the environment.
 System will pass unless Board of Health determines in accordance with 310 CMR 15.303(1)(b) that the system is not functioning in a manner which will protect public health, safety and the environment:
 Cesspool or privy is within 50 feet of a surface water Cesspool or privy is within 50 feet of a bordering vegetated wetland or a salt marsh
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 coliform bacteria and volatile organic compounds indicates that the well is free from pollution from that facility 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:

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OFFICIAL INSPECTION FORM - NOT FOR VOLUNTARY ASSESSMENTS SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM PART A CERTIFICATION (cominued)

Property Address:	75 WOODLOT		
Owner:	HEDGE PETH		v
Date of Inspection:	5/02/01	-	
D. System Failure Cri You <u>must</u> indicate "yes'	iteria applicable to all sy "or "no" to each of the fo	stems: llowing for <u>all</u> inspections:	
Yes No			
	r ponding of effluent to the S or cesspool	em component due to overloaded or clogged SAS of e surface of the ground or surface waters due to an	overloaded or
cesspool	i icvei in die distribution e	oox above outlet invert due to an overloaded or clog	ged SAS of
Liquid depth Required pu of times pur	imping more than 4 times	" below invert or available volume is less than ½ do in the last year NOT due to clogged or obstructed p	ay flow pipe(s). Number
Any portion	of the SAS, cesspool or p of cesspool or privy is wi	privy is below high ground water elevation. Ithin 100 feet of a surface water supply or tributary.	to a surface
Any portion Any portion Any portion Supply well performed indicates the nitrogen are are trigger	of a cesspool or privy is a with no acceptable water at a DEP certified labor that the well is free from an anitrate nitrogen is equeed. A copy of the analysis	within a Zone 1 of a public well. within 50 feet of a private water supply well. less than 100 feet but greater than 50 feet from a pri quality analysis. [This system passes if the well we atory, for coliform bacteria and volatile organic pollution from that facility and the presence of a must be attacked to this form.]	ater analysis, compounds mmonia failure criteria
described i	n 310 CMK 15.303, theret	nined that one or more of the above failure criteria a fore the system fails. The system owner should cont essary to correct the failure.	exist as fact the Board of
E. Large Systems: To be considered a lar	ge system the system mi	ast serve a facility with a design flow of 10,000 gr	od to 15.000
You must indicate either	er "yes" or "no" to each of		
yes no		,	
ule system is	within 400 feet of a surface	ce drinking water supply	
the system is	within 200 feet of a tribut	tary to a surface drinking water supply	
the system is Zone II of a p	located in a nitrogen sens public water supply well	itive area (Interim Wellhead Protection Area – IWI	A) or a mapped
yes in Section D abo	r Section E or failed under	ection E the system is considered a significant threat iled. The owner or operator of any large system con Section D shall upgrade the system in accordance	isidered a

15.304. The system owner should contact the appropriate regional office of the Department.

OFFICIAL INSPECTION FORM – NOT FOR VOLUNTARY ASSESSMENTS SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM PART B CHECKLIST

Property Address: 75 Wood Lot 20
Owner: Hepte Petri
Date of Inspection: 5/02/0/
Check if the following have been done. You must indicate "yes" or "no" as to each of the following:
Yes No Pumping information was provided by the owner, occupant, or Board of Health
Were any of the system components pumped out in the previous two weeks?
Has the system received normal flows in the previous two week period?
— Have large volumes of water been introduced to the system recently or as part of this inspection?
N/A Were as built plans of the system obtained and examined? (If they were not available note as N/A)
Was the facility or dwelling inspected for signs of sewage back up?
Was the site inspected for signs of break out?
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:
Yes no 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(3)(b)]

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OFFICIAL INSPECTION FORM - NOT FOR VOLUNTARY ASSESSMENTS SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM PART C SYSTEM INFORMATION

SISIEM INFORMATION
Property Address: 75 words
Owner: HEDGERETH Date of Inspection: 5locks
RESIDENTIAL Number of bedrooms (design): Number of bedrooms (actual): DESIGN flow based on 310 CMR 15.203 (for example: 110 gpd x # of bedrooms): Number of current residents: Does residence have a garbage grinder (yes or no): Is laundry on a separate sewage system (yes or no): Laundry system inspected (yes or no): Seasonal use: (yes or no): Water meter readings, if available (last 2 years usage (gpd)): Water meter readings, if available (last 2 years usage (gpd)): Last date of occupancy: CULRENT
COMMERCIAL/INDUSTRIAL Type of establishment:
OTHER (describe):
Pumping Records Source of information: 345. Was system pumped as part of the inspection (Coor no): Yes If yes, volume pumped: 1500 gallons — How was quantity pumped determined? MEASWRED Reason for pumping: PEOUEST
TYPE OF SYSTEM ✓ Septic tank, distribution box, soil absorption system Single cesspool Overflow cesspool Privy Shared system (yes or no) (if yes, attach previous inspection records, if any) Innovative/Alternative technology. Attach a copy of the current operation and maintenance contract (to be obtained from system owner) Tight tank Attach a copy of the DEP approval Other (describe):
Approximate age of all components, date installed (if known) and source of information:
Were sewage odors detected when arriving at the site (yes or no): N

OFFICIAL INSPECTION FORM – NOT FOR VOLUNTARY ASSESSMENTS SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM PART C

SYSTEM INFORMATION (continued)

Owner: HEDGEFETH Date of Inspection: 5 02 01	
Date of Inspection: 5/02/01	
BUILDING SEWER (locate on site plan)	
~	
Depth below grade: 12 11 Materials of construction:cast iron40 PVCother (explain):	
Distance from private water supply well or suction line:	
Comments (on condition of joints, venting, evidence of leakage, etc.):	
OIL	
<i>I</i>	
SEPTIC TANK: \(\square \) (locate on site plan)	
Depth below grade: 24"	
Material of construction: concrete metal fiberglass polyethylene	
other(explain)	
If tank is metal list age: Is age confirmed by a Certificate of Compliance (yes or no): (attach a copy	of
certificate)	
Dimensions: 10.5'x 4.5' x 4.5' Sludge depth: 5"	
Sludge depth: 5"	
Distance from top of sludge to bottom of outlet tee or baffle:	
Scum thickness: 3"	
Distance from top of scum to top of outlet tee or baffle: 6	
Distance from bottom of scum to bottom of outlet tee or baffle: 12"	
How were dimensions determined: NEASWED	lovels
Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural integrity, liquid	Jevess
as related to outlet invert, evidence of leakage, etc.):	
GOOD GONDITION	_
	_
GREASE TRAP:(locate on site plan)	
Depth below grade:	
Material of construction:concretemetalfiberglasspolyethyleneother	
(explain):	
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:	
Distance from bottom of scum to bottom of outlet tee or baffle:	
Date of last pumping:	
Comments (on pumping recommendations, inlet and outlet tee or baffle condition, structural integrity, liqui as related to outlet invert, evidence of leakage, etc.):	d levels

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OFFICIAL INSPECTION FORM -NOT FOR VOLUNTARY ASSESSMENTS SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM PART C

SYSTEM INFORMATION (continued)

Property Address: _	75 WORDLOT				
Owner:	HENGERETH				
Owner:	5/oz/o/				
TIGHT or HOLDIN	G TANK: (tank mus	t be pumped at time	e of inspection)(loc	cate on site plan)	
Depth below grade: _					
Material of construction	on:concretemeta	alfiberglass _	polyethylene	other(explain):	
Dimensions:					
Capacity:	gallons				
Design Flow:	gallons/day				
Alarm present (yes or	по):	141			
Alarm level:	Alarm in working order (yes or no):			
Date of last pumping:					
	of alarm and float switche	es, etc.):			
Depth of liquid level Comments (note if be leakage into or out or	OX: \(\) (if present must above outlet invert: \(\arthinom{\lambda \} \) ox is level and distribution f box, etc.):	wet.	y evidence of solio		of
PUMP CHAMBER	d: / (locate on site plan))			
Alarms in working o	order (yes or no): order (yes or no): ndition of pump chamber, c	ondition of pumps	and appurtenances	, etc.):	

				S.
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OFFICIAL INSPECTION FORM – NOT FOR VOLUNTARY ASSESSMENTS SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM PART C

SYSTEM INFORMATION (continued)

Property Address: 75 Wooder	
Owner: Hedberett	
Date of Inspection: 5/c2/c1	
Jeples	
SOIL ABSORPTION SYSTEM (SAS): \(\square\) (locate on	site plan, excavation not required)
If SAS not located explain why: No S(GN OF/CAICULE	
Туре	
leaching pits, number:	
leaching chambers, number:	
leaching galleries, number:	
. leaching trenches number length.	
(1) leaching fields, number, dimensions: SEE OTA	clock Elic
o . or in o w cesspool, intilinger.	
innovative/alternative system Type/name of technology	Ogy
Comments (note condition of soil, signs of hydraulic fail)	e level of ponding damp soil condition of vegetation
etc.):	o, sever or ponding, damp son, condition or vegetation,
CESSPOOLS: (cosspee)	
CESSPOOLS: (cesspool must be pumped as part of	inspection)(locate on site plan)
Number and configuration:	
Number and configuration: Depth – top of liquid to inlet invert: Depth of solids leaves	
Depth of solids layer:	
Deput of scum tayer:	
Dimensions of cesspool:	
Materials of construction:	
Indication of groundwater inflow (yes or no):	
Comments (note condition of soil, signs of hydraulic failur	e, 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 failur	e, level of ponding, condition of vegetation, etc.):

OFFICIAL INSPECTION FORM – NOT FOR VOLUNTARY ASSESSMENTS SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM PART C

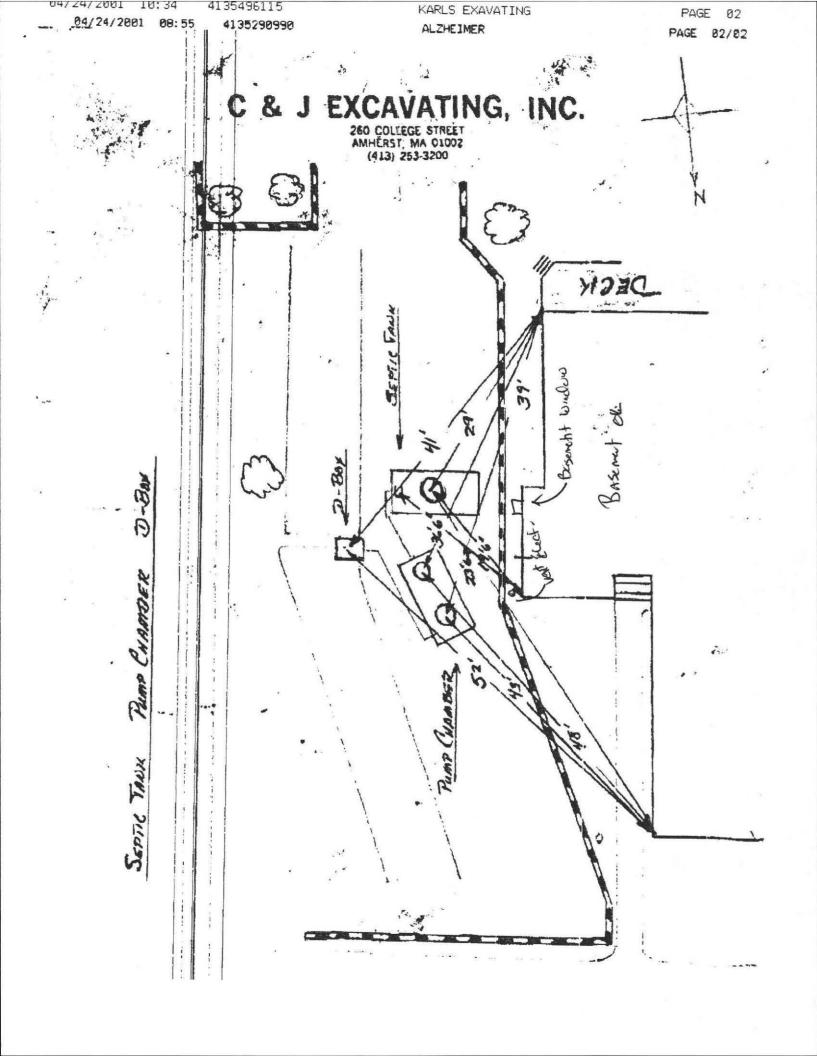
SYSTEM INFORMATION (continued)

75 WOODLOT	
HEXCEP ETH	
5/02/01	
	HEDGET'ETH

SKETCH OF SEWAGE DISPOSAL SYSTEM

Provide a sketch 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.

(SEE ATTACHED)



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OFFICIAL INSPECTION FORM – NOT FOR VOLUNTARY ASSESSMENTS SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM PART C SYSTEM INFORMATION (continued)

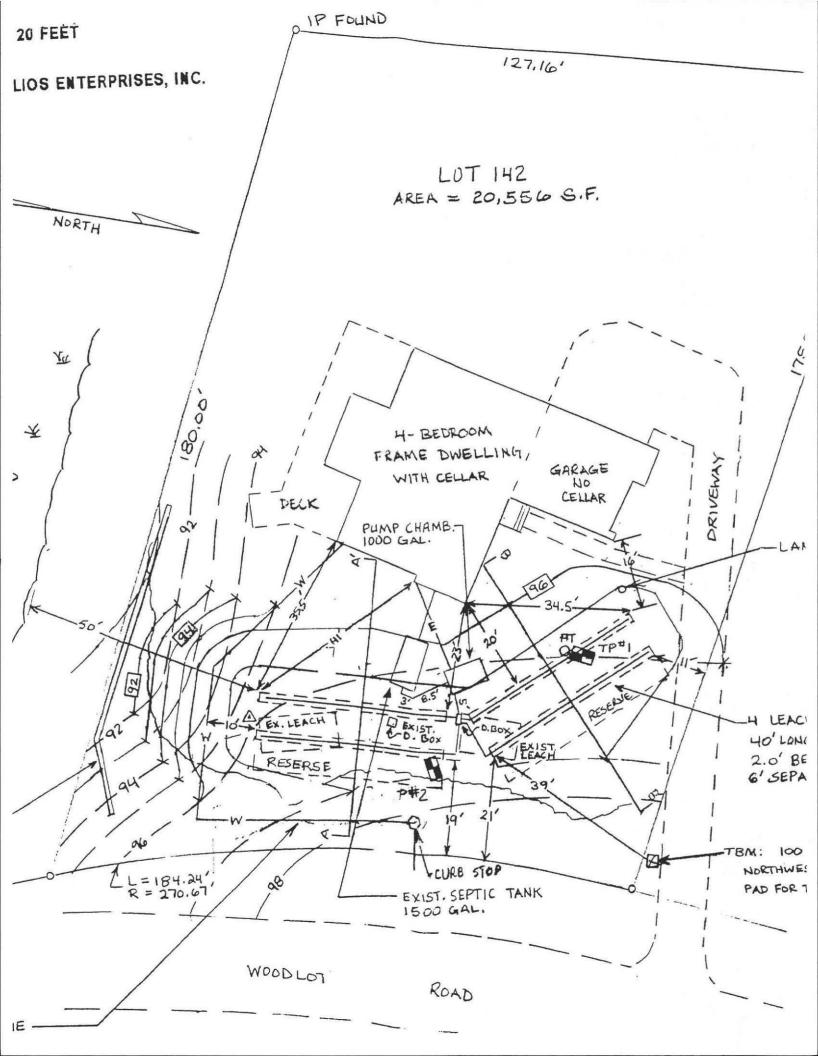
Property Address: 75 Weedlet	
Owner: Hedgerth Date of Inspection: 5/62/61	
SITE EXAM	
Slope Surface water	
Check cellar Shallow wells	
Estimated depth to ground water 6+ feet	
Please indicate (check) all methods used to determine the high ground water elevation:	
Obtained from system design plans on record - If checked, date of design plan reviewed: Observed site (abutting property/observation hole within 150 feet of SAS) Checked with local Board of Health-explain:	_
Checked with local excavators, installers- (attach documentation) Accessed USGS database-explain:	
You must describe how you established the high ground water elevation: TOPO, VEG. + DESIGN PLANS (1994?)	

75-22 THE COMMONWEALTH OF MASSACHUSETTS WINGE FEE 160.00 Che Figer

	Λ , ,
OWN OF	Amherst

Application for Disposal Works Construction Permit

Application is hereby made for a Permit to Construct () or Repair (X) an Individual Sewage Disposal
System at:
75 Noodlot Road 142
Keith & Gail Hoyle or Lot No.
C+J Excavation % College St. Maddress, Amherst, MA
Installer
Type of Building . Size Lot. 20, 556 Sq. feet
Dwelling — No. of Bedrooms — Expansion Attic () Garbage Grinder ()
Other Type of Building S.F. H. No. of persons Showers () — Cafeteria ()
Other fixtures Garbage grinder to be removed. Design Flow 55 gallons per person per day. Total daily flow 440 gallons,
Septic Tank — Liquid capacity 1500 gallons Length 1015' Width 500' Diameter Depth 4.0'(1)
Disposal Trench — No. 4 Width 2.0 Total Length 100.0 Total leaching area 960 sq. ft. Seepage Pit No. Diameter Depth below inlet 2.0 Total leaching area sq. ft.
Seepage Pit No
Other Distribution box () Dosing tank () Harold Stile, PE 71 21 1995
Percolation Test Results Performed by Amherst Civil Eng. Robert Storr Date July 21, 1995
Test Pit No. 115 minutes per inch Depth of Test Pit132 "Depth to ground water
1 cst 1 it 10. 2
Description of Soil See attached plan
Her Hart Care
Nature of Repairs or Alterations — Answer when applicable
Agreement:
The undersigned agrees to install the aforedescribed Individual Sewage Disposal System in accordance with
the provisions of TITLE 5 of the State Environmental Code — The undersigned further agrees not to place the
system in operation until a Certificate of Compliance has been issued by the board of health.
Signed franch the think 11/95
Application Approved By Jan Benall 9/1/95
Date
Application Disapproved for the following reasons:
Date
Permit No. 95-22 Issued
1 12 (4)
Hawz (E. Ste
THE COMMONWEALTH OF MASSACHUSETTS 1
BOARD OF HEALTH
Town of Amherst
Certificate of Compliance
Town OF Amhers + Certificate of Compliance THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed () or Repaired (X)
Toro of Amhers + Certificate of Compliance THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed () or Repaired (X) by C. + J. Excavating
Town OF Amhers + Certificate of Compliance THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed () or Repaired (X) by C. + J. Excavating at 75 Wood lo + Rd.
Term OF Amhers † Certificate of Compliance THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed () or Repaired (X) by C, + J. Excavating at 75 Wood lo f Rd. has been installed in accordance with the provisions of TITLE 5 of The State Environmental Code as described in
This is to certificate of Compliance This is to certify, That the Individual Sewage Disposal System constructed () or Repaired (X) by C. + J. Excavating at 75 Wood of Rd. has been installed in accordance with the provisions of TITLE 5 of The State Environmental Code as described in the application for Disposal Works Construction Permit No. 55-27 dated
Term OF Amhers † Certificate of Compliance THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed () or Repaired (X) by C, + J. Excavating at 75 Wood lo f Rd. has been installed in accordance with the provisions of TITLE 5 of The State Environmental Code as described in



RAL CONDITIONS

system repair is designed in accordance with 310 CMR 15.00 (Title 5) . ction shall conform to same.

OK

ractor shall notify engineer of any unusual conditions and shall not the plan without the written consent of the engineer. Any debris in the a shall be removed and disposed of in accordance with the law.

e is no guarantee express or implied to any user of a system installed it to this plan.

contractor shall notify the Engineer and the Representative of the t Board of Health when the excavation is complete and prior to covering em. Notification shall be 48 hours prior to the time of inspection.

ISTRUCTION NOTES:

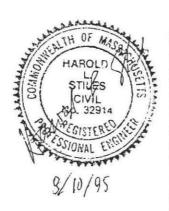
nis area served by town water. No wells within 200 ft. of used leach facility at time of survey.

eptic tank shall be pumped and inspected as necessary and at once every three years.

pes exiting Distribution Box shall have the same invert tion and shall be level for at least the first two feet of length. psoil and subsoil shall be removed for five feet around used leach area and where fill is to be placed. Fill shall be a granular sand and conform to the specifications of Title 5: MR 15.255(3).

cavation and disposal of existing leach facilities shall orm to the requirements of the Amherst Health Department.

Rec 8/30/95



KEITH AND GAIL HOYLE 75 WOODLOT ROAD AMHERST, MASSACHUSETTS

ON-SITE SEWAGE DISPOSAL SYSTEM 75 WOODLOT ROAD AMHERST, MASSACHUSETTS

DATE: JULY 28, 1995

APPROVED BY

Farrel L Gth

DRAWN BY RWS

by: HAROLD L. STILES, P.E.