No. 95-32

#705

FEE 160.00 PL 11-22-95

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town OF Amherst

Application for Disposal Works Construction Permit

Application is hereby made for a Permit to Construct ( ) or Repair (✓) an Individual Sewage Disposal System at:

705 Station Rd. — Location - Address

Lee E. Heller — Owner

705 Station Rd., Amherst, MA 01002 — Address

Installer — Address

Type of Building — Size Lot ..... Sq. feet

Dwelling — No. of Bedrooms 4 Expansion Attic ( ) Garbage Grinder (no)

Other — Type of Building SFH No. of persons ..... Showers ( ) — Cafeteria ( )

Other fixtures Garbage Grinder shall be removed

Design Flow 4L 55 gallons per person per day. Total daily flow 440 gallons.

Septic Tank ✓ Liquid capacity 1500 gallons Length 10.5' Width 5.0' Diameter — Depth 4.0' Liquid

Disposal ~~Trench~~ Bed ✓ No. 1 Width 18.0' Total Length 65.0 Total leaching area ..... sq. ft.

Seepage Pit No. — Diameter — Depth below inlet 0.5' Total leaching area ..... sq. ft.

Other Distribution box (✓) Dosing tank ( )

Percolation Test Results Performed by Robert W. Stover Date Nov. 16, 1995

Test Pit No. 1 26 minutes per inch Depth of Test Pit 98" Depth to ground water 33"

Test Pit No. 2 ..... minutes per inch Depth of Test Pit 90" Depth to ground water 24"

Description of Soil on attached Plan

Nature of Repairs or Alterations — Answer when applicable

COMMONWEALTH OF MASSACHUSETTS HAROLD L. STILES CIVIL No. 32014 REGISTERED PROFESSIONAL ENGINEER

12/7/95

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 Robert Stover (representing Lee Heller) 12/7/95 Date

Application Approved By Carol Zangardi for BOH Dept 12/14/95 Date

Application Disapproved *for the following reasons:* ..... Date

Permit No. 95-32 Issued 12/14/95 Date

CHECK OR FILL IN WHERE APPLICABLE

Alan Konieczny Jr. Karl's Excavating

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town OF Amherst

Certificate of Compliance

THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed ( ) or Repaired (✓)

by Robert W. Stover Installer

at 705 Station 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. 95-32 dated .....

THE ISSUANCE OF THIS CERTIFICATE SHALL NOT BE CONSTRUED AS A GUARANTEE THAT THE SYSTEM WILL FUNCTION SATISFACTORY.

DATE 01/09/96 Inspector Carol Zangardi

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

No. 95-32 Town OF Amherst FEE 160.00 PL 11-22-95

Disposal Works Construction Permit

Permission is hereby granted Lee E. Heller

to Construct ( ) or Repair (✓) an Individual Sewage Disposal System

at No. 705 Station Rd. Street

as shown on the application for Disposal Works Construction Permit No. 95-32 Dated 12/14/95

Carol Zangardi for BOH Dept Board of Health

DATE 12/14/95

FORM 1255 A.M. SULKIN CO.

AMHERST CIVIL ENGINEERING
6 UNIVERSITY DRIVE, BOX 144
AMHERST, MASSACHUSETTS 01004-6000
(413) 256-3400

November 7, 1995

Board of Health
Amherst Town Hall
4 Boltwood Walk
Amherst, MA 01002

Re: Request for two Title 5 local upgrade approvals for Lee E. Heller at 705 Station Rd.

Board Members:

In order to repair the on-site sewage disposal system serving the four bedroom house at the address above, Lee E. Heller hereby requests that the Amherst Board of Health grant two local upgrade approvals. The first local upgrade approval to Title 5, 310 CMR 15.212(a) to allow a vertical separation distance of three feet (3') between the bottom of the proposed leach field and the high ground-water elevation (the soil was found to have a percolation rate of twenty six (26) minutes per inch). The second local upgrade approval to Title 5, 310 CMR 15.211(1) to allow the proposed leach field to be a minimum of five (5) feet from property lines.

At the site and soil evaluation conducted on November 16, 1995 by Robert Stover, Certified Soil Evaluator, and Health Agent David Zarozinski, Certified Soil Evaluator, the high ground-water elevation was determined to be at a depth of thirty three (33) inches below the ground surface (elevation 96.85').

The proposed replacement leach field will be located in the front yard near the easterly side property line. Because the area behind house is within fifty (50) feet of bordering vegetated wetlands and because there is a small brook along the westerly side property line the proposed leach field location offers the best opportunity to achieve maximum feasible compliance with the requirements of Title 5.

The three (3) foot separation to the high ground-water elevation is requested because there is not sufficient area available to accommodate the fill that would be necessitated by a four (4) foot ground-water separation.

The reduction of the minimum property line setback from ten feet to five feet is requested so that the leach field can be large enough to provide the required capacity and so that sufficient fill can be placed to meet the side slope setback requirements. Please note that Ms. Heller has arranged to acquire property from an abutter and has obtained permission from her abutter to allow placement of fill and grading on the abutting property so that the requirements of Title 5 can be met to the extent possible. Please note also that the property lines will be clearly marked by licensed surveyors to ensure that the five foot setback is met.

There is no adjacent property within a practicable distance of this property on which a soil absorption system or shared system could be installed that would comply with the Title 5 requirement to provide a four feet vertical separation distance from the high ground-water elevation requirement.

Because it is not feasible to achieve full compliance with the requirements of Title 5, strict enforcement of 310 CMR 15.212(b) would impose a manifest injustice upon the applicant.

A level of environmental protection equivalent to that provided by the strict application of 310 CMR 15.212(b) is provided by the fact that this area is served by town water supply and no private or public water supply wells are located within two hundred feet (200') of the proposed soil absorption system.

Lee E. Heller also requests that the Board waive the local requirement that the leach field provide a capacity 125% of that required by Title 5.

Thank you for your consideration of these requests. If questions arise please do not hesitate to contact us.

Very truly yours,

Robert W. Stover

Robert Stover

Lee C. Hellen.
705 Station Rd
Amherst MA
01002

C4 = 1309

TOWN OF AMHERST
Health Department

______	Bakery	01-0-501-4433-00	______	Offal/Garbage	01-0-501-4472-00
______	Bed & Breakfast	01-0-501-4474-01	✓	Perc Test 100.00	01-0-501-4344-00
______	Burial Permit	01-0-501-4475-00	______	Retail Permit	01-0-501-4473-00
______	Car Seat Rental	89-0-000-2557-00	______	Sanitary Code Booklet	01-0-501-4380-00
______	Catering	01-0-501-4429-00	______	Septic Installers Permit	01-0-501-4470-01
______	Food Handler	01-0-501-4474-00	✓	Septic Private Applications 60.00	01-0-501-4470-00
______	Housing Inspection	01-0-501-4348-00	______	Septic - Reinspection	01-0-501-4345-00
______	Massage	01-0-501-4425-00	______	Sub-Division Rev.	01-0-501-4460-00
______	Motel License	01-0-501-4428-00	______	T.B. Clinic	01-0-501-4379-00
______	Miscellaneous	01-0-501-______	______	Twenty-one D Tickets	01-0-501-4879-00

PAID
NOV 22 1995
TOWN OF AMHERST
TREASURER

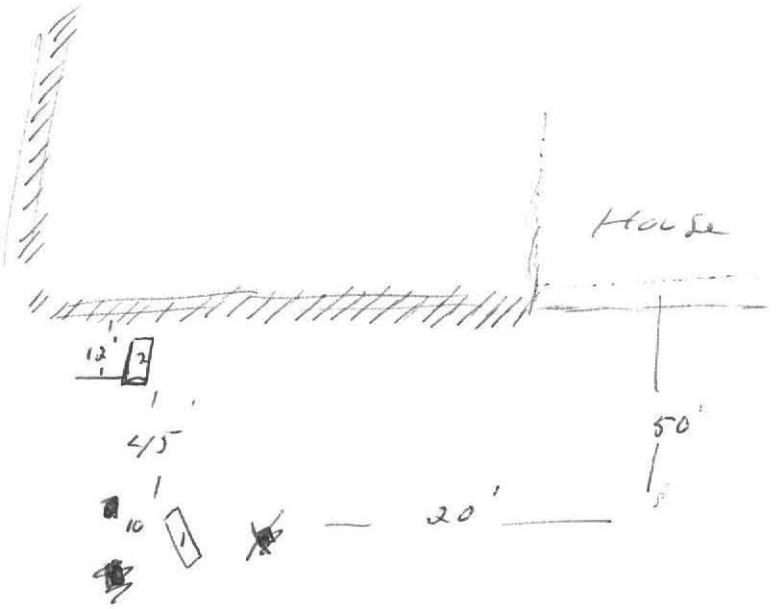
TOTAL FEE 160.00

[signature] 11/22/95 — [signature] 11/22/95

Treasurer/Collector — Date — Health Department — Date

Must have Collector's "PAID STAMP" on receipt to be valid.

White: Applicant — Yellow: Collector — Pink: Accountant — Gold: Health Dept.



STATION Road

No. _____ Date 210 Rd 11/16/98

Commonwealth of Massachusetts

, Massachusetts

Site Suitability Assessment for On-site Sewage Disposal

Performed By: Harold Stein/Bob Stowell Certification Number: _____

Witnessed By: _____

Location Address or Lot No.	Owner's Name, Address and Tel. #
705 STATION Rd Amherst MA.	Lee Heller 705 STATION Rd Amherst 253-0476

New Construction ☐ Repair ☑

Office Review

Published Soil Survey Available: No ☐ Yes ☐

Year Published _____ Publication Scale _____ Soil Map Unit _____

Drainage Class _____ Soil Limitations _____

Surficial Geologic Report Available: No ☐ Yes ☐

Year Published Publication Scale

Geologic Material (Map Unit) _____

Landform _____

Flood Insurance Rate Map:

Above 500 year flood boundary No ☐ Yes ☐

Within 500 year flood boundary No ☐ Yes ☐

Within 100 year flood boundary No ☐ Yes ☐

Wetland Area:

National Wetland Inventory Map (map unit) _____

Wetlands Conservancy Program Map (map unit) _____

Current Water Resource Conditions (USGS): Month _____

Range : Above Normal ☐ Normal ☐ Below Normal ☐

Other References Reviewed: _____

On-site Review

Deep Hole Number 1 Date: 11/16/95 Time: 9:46 Weather Sunny/Cold 35°

Location (identify on site plan) .....

Land Use Residential Slope (%) 10 Surface Stones .....

Vegetation Grass Shrubs

Landform .....

Position on landscape (sketch on the back) .....

Distances from:

Open Water Body ..... feet Drainageway ..... feet

Possible Wet Area ..... feet Property Line ..... feet

Drinking Water Well ..... feet Other .....

DEEP OBSERVATION HOLE LOG

Depth from Surface (inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, Boulders, Consistency, % Gravel)
0 - 4	A	FSL	7.5YR 3/3	None	Friable
4 - 21	BW	FSL	10YR 5/6	None	Friable
21 - 33	C1	Loamy Med + Course Sand	10YR 5/6	None	Slightly Firm Gravelly Some Stones
33 - 98	CG	Very Fine Loamy Sand	10 YR 6/2	Many 5% 5YR 5/8 30% 7.5YR 6/8	Firm well Sorted

Parent Material (geologic) outwash/alluvial Depth to Bedrock: 98"

Depth to Groundwater: Standing Water in the Hole: ..... Weeping from Pit Face: 42"

Estimated Seasonal High Ground Water: 33"

On-site Review

Deep Hole Number #2 Date: ..... Time: ..... Weather .....

Location (identify on site plan) .....

Land Use ..... Slope (%) ..... Surface Stones .....

Vegetation .....

Landform .....

Position on landscape (sketch on the back) .....

Distances from:

Open Water Body ..... feet Drainageway ..... feet

Possible Wet Area ..... feet Property Line ..... feet

Drinking Water Well ..... feet Other .....

DEEP OBSERVATION HOLE LOG

Depth from Surface (Inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Other (Structure, Stones, Boulders, Consistency, % Gravel)
0–7	A	FSL	7.5 YR 3/3	NONE	FRIABLE
7" – 19"	BW	FSL	10 YR 5/6	NONE	FRIABLE
19" 33"	C1	Loamy Med Coarse Sand	10 YR 5/6	NONE	Slightly Firm Gravelly Some Stone
33" – 90"	CG	Very Fine Loamy Sand	10 YR 6/2	MANY 5YR 5/8 30% 7.5YR 4/8	Firm well sorted

Parent Material (geologic) ..... Depth to Bedrock: 90"

Depth to Groundwater: Standing Water in the Hole: ..... Weeping from Pit Face: .....

Estimated Seasonal High Ground Water: .....

Determination for Seasonal High Water Table

Method Used:

- ☐ Depth observed standing in observation hole .... inches
- ☐ Depth weeping from side of observation hole .... inches
- ☐ Depth to soil mottles 33 inches
- ☐ Ground water adjustment ...... feet

Index Well Number .... Reading Date .... Index well level ....

Adjustment factor .... Adjusted ground water level 26"

Percolation Test		
Date: 11/16/95	Time: 9:46	
Observation Hole #	1	
Depth of Perc	42"	
Start Pre-soak	9:46	
End Pre-soak	10:01	
Time at 12"	10:01	10" AT 10:30
Time at 9"	10:31	8 10:56
Time at 6"	11:50	7" 11:20
Time (9"-6")	79 MIN > 26+	
Rate Min./Inch		

Site Suitability Assessment: Site Passed ☐ Site Failed ☐

Additional Testing Needed: ....

Performed By: Robert Stover Certification Number: ....

Witnessed By: David E. Zavorzwitt

....

Comments: ....

SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART A
CERTIFICATION (continued)

Property Address: 705 STATION RD., AMHERST
Owner: LEE HELLER
Date of Inspection: 11/1/95

B] SYSTEM CONDITIONALLY PASSES (continued)

Y Sewage backup or breakout or high static water level observed in the distribution box is due to broken or obstructed pipe(s) or due to a broken, settled or uneven distribution box. The system will pass inspection if (with approval of the Board of Health):

- ✓ broken pipe(s) are replaced
- ___ obstruction is removed
- ✓ distribution box is levelled or replaced

N The system required pumping more than four times a year due to broken or obstructed pipe(s). The system will pass inspection if (with approval of the Board of Health):

- ___ broken pipe(s) are replaced
- ___ obstruction is removed

C] 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 is failing to protect the public health, safety and the environment.

1) **SYSTEM WILL PASS UNLESS BOARD OF HEALTH DETERMINES THAT THE SYSTEM IS NOT FUNCTIONING IN A MANNER WHICH WILL PROTECT THE PUBLIC HEALTH AND 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 APPROPRIATE) DETERMINES THAT THE SYSTEM IS FUNCTIONING IN A MANNER THAT PROTECT THE PUBLIC HEALTH AND SAFETY AND THE ENVIRONMENT:**

- ___ The system has a septic tank and soil absorption system and is within 100 feet to a surface water supply or tributary to a surface water supply.
- ___ The system has a septic tank and soil absorption system and is within a Zone I of a public water supply well.
- ___ The system has a septic tank and soil absorption system and is within 50 feet of a private water supply well.
- ___ The system has a septic tank and soil absorption system and is less than 100 feet but 50 feet or more from a private water supply well, unless a well water analysis 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.

D] SYSTEM FAILS:

N I have determined that the system violates one or more of the following failure criteria as defined in 310 CMR 15.303. The basis for this determination is identified below. The Board of Health should be contacted to determine what will be necessary to correct the failure.

N Backup of sewage into facility or system component due to an overloaded or clogged SAS or cesspool.

N Discharge or ponding of effluent to the surface of the ground or surface waters due to an overloaded or clogged SAS or cesspool.

Commonwealth of Massachusetts
Executive Office of Environmental Affairs

Department of Environmental Protection

William F. Weld
Governor
Trudy Coxe
Secretary, EOEA
David B. Struhs
Commissioner

SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART A
CERTIFICATION

Property Address: 705 STATION RD
Date of Inspection: 11/1/95
Name of Inspector: HAROLD L STILES
Company Name, Address and Telephone Number:

Address of Owner: LEE HELLER
(If different)
AMHERST CIVIL ENGINEERING
6 UNIVERSITY DRIVE #144
AMHERST, MA. 01004-6000
(413) 256-3400

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 inspection. The inspection was performed based on my training and experience in the proper function and maintenance of on-site sewage disposal systems. The system:

___ Passes
_✓_ Conditionally Passes
___ Needs Further Evaluation By the Local Approving Authority
___ Fails

Inspector's Signature: Harold L. Stiles Date: 11/2/95

The System Inspector shall submit a copy of this inspection report to the Approving Authority within thirty (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 Department of Environmental Protection.
The original should be sent to the system owner and copies sent to the buyer, if applicable and the approving authority.

INSPECTION SUMMARY:

Check A, B, C, or D:

A] SYSTEM PASSES:

_____ I have not found any information which indicates that the system violates any of the failure criteria as defined in 310 CMR 15.303. Any failure criteria not evaluated are indicated below.

B] SYSTEM CONDITIONALLY PASSES:

_____ One or more system components need to be replaced or repaired. The system, upon completion of the replacement or repair, passes inspection.

Indicate yes, no, or not determined (Y, N, or ND). Describe basis of determination in all instances. If "not determined", explain why not)

N The septic tank is metal, cracked, structurally unsound, shows substantial infiltration or exfiltration, or tank failure is imminent. The system will pass inspection if the existing septic tank is replaced with a conforming septic tank as approved by the Board of Health.

One Winter Street • Boston, Massachusetts 02108 • FAX (617) 556-1049 • Telephone (617) 292-5500

SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART B
CHECKLIST

Property Address: 705 STATION RD., AMHERST
Owner: LEE HELLEK
Date of Inspection: 11/1/95

Check if the following have been done:

✓ Pumping information was requested of the owner, occupant, and Board of Health.

✓ None of the system components have been pumped for at least two weeks and the system has been receiving normal flow rates during that period. Large volumes of water have not been introduced into the system recently or as part of this inspection.

N/A As built plans have been obtained and examined. Note if they are not available with N/A.

✓ The facility or dwelling was inspected for signs of sewage back-up.

✓ The system does not receive non-sanitary or industrial waste flow

✓ The site was inspected for signs of breakout.

✓ All system components, excluding the Soil Absorption System, have been located on the site.

✓ The septic tank manholes were uncovered, opened, and the interior of the septic tank was inspected for condition of baffles or tees, material of construction, dimensions, depth of liquid, depth of sludge, depth of scum.

✓ The size and location of the Soil Absorption System on the site has been determined based on existing information or approximated by non-intrusive methods.

✓ The facility owner (and occupants, if different from owner) were provided with information on the proper maintenance of Sub-Surface Disposal System.

SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART A
CERTIFICATION (continued)

Property Address: 705 STATION RD., AMHERST
Owner: LEE HELLER
Date of Inspection: 11/1/95

D] SYSTEM FAILS (continued):

N Static liquid level in the distribution box above outlet invert due to an overloaded or clogged SAS or cesspool.

NA Liquid depth in cesspool is less than 6" below invert or available volume is less than 1/2 day flow.

N Required pumping more than 4 times in the last year NOT due to clogged or obstructed pipe(s).
Number of times pumped ____

N Any portion of the Soil Absorption System, cesspool or privy is below the high groundwater elevation.

N Any portion of a cesspool or privy is within 100 feet of a surface water supply or tributary to a surface water supply.

N Any portion of a cesspool or privy is within a Zone I of a public well.

N Any portion of a cesspool or privy is within 50 feet of a private water supply well.

N 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. If the well has been analyzed to be acceptable, attach copy of well water analysis for coliform bacteria, volatile organic compounds, ammonia nitrogen and nitrate nitrogen.

E] LARGE SYSTEM FAILS:

The following criteria apply to large systems in addition to the criteria above:

____ The design flow of system is 10,000 gpd or greater (Large System) and the system is a significant threat to public health and safety and the environment because one or more of the following conditions exist:

__ 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)

The owner or operator of any such system shall bring the system and facility into full compliance with the groundwater treatment program requirements of 314 CMR 5.00 and 6.00. Please consult the local regional office of the Department for further information.

SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART C
SYSTEM INFORMATION (continued)

Property Address: 705 STATION RD., AMHERST
Owner: LEE HELLER
Date of Inspection: 11/1/95

SEPTIC TANK: ✓
(locate on site plan)

Depth below grade: 15"
Material of construction: ✓concrete __metal __FRP __other(explain)

Dimensions: 8' Long x 5' High x 4' WIDE
Sludge depth: 6-8"
Distance from top of sludge to bottom of outlet tee or baffle: 27"
Scum thickness: 3"
Distance from top of scum to top of outlet tee or baffle: 1"
Distance from bottom of scum to bottom of outlet tee or baffle: 18"

Comments:
(recommendation for pumping, condition of inlet and outlet tees or baffles, depth of liquid level in relation to outlet invert, structural integrity, evidence of leakage, etc.) Recommend pumping every 2 years, Replace inlet & outlet baffles Liquid level not above outlet invert. Tank structurally sound., no evidence of leakage.

GREASE TRAP: N/A
(locate on site plan)

Depth below grade: ____
Material of construction: __concrete __metal __FRP __other(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: ____

Comments:
(recommendation for pumping, condition of inlet and outlet tees or baffles, depth of liquid level in relation to outlet invert, structural integrity, evidence of leakage, etc.) ____

SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART C
SYSTEM INFORMATION

Property Address: 705 STATION RD., AMHERST
Owner: LEE HELLER
Date of Inspection: 11/1/95

FLOW CONDITIONS

RESIDENTIAL:
Design flow: 440 gallons
Number of bedrooms: 4
Number of current residents: 2
Garbage grinder (yes or no): TO BE REMOVED
Laundry connected to system (yes or no): Y
Seasonal use (yes or no): N
Water meter readings, if available: 3/21/95 → 8/16/95 2000 C.f. = 15,000 gal / 148 days: 101 gpd.

Last date of occupancy: OCCUPIED

COMMERCIAL/INDUSTRIAL:
Type of establishment: NA
Design flow: _____ gallons/day
Grease trap present: (yes or no) ___
Industrial Waste Holding Tank present: (yes or no) ___
Non-sanitary waste discharged to the Title 5 system: (yes or no) ___
Water meter readings, if available: _____

Last date of occupancy: _____

OTHER: (Describe) _____
Last date of occupancy: _____

GENERAL INFORMATION

PUMPING RECORDS and source of information:
Pumped 2 years by Greg's
System pumped as part of inspection: (yes or no) YES
If yes, volume pumped: _____ gallons
Reason for pumping: Inspection

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)
_____ Other (explain) _____

APPROXIMATE AGE of all components, date installed (if known) and source of information: Field rebuilt in 1970±

Sewage odors detected when arriving at the site: (yes or no) NO

SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART C
SYSTEM INFORMATION (continued)

Property Address: 705 STATION RD., AMHERST
Owner: LEE HELLER
Date of Inspection: 11/1/95

SOIL ABSORPTION SYSTEM (SAS): ✓
(locate on site plan, if possible; excavation not required, but may be approximated by non-intrusive methods)

If not determined to be present, explain:

Type:

leaching pits, number:____
leaching chambers, number:____
leaching galleries, number:____
leaching trenches, number,length:_____
leaching fields, number, dimensions: 1 20x15 ft
overflow cesspool, number:____

Comments: (note condition of soil, signs of hydraulic failure, level of ponding, condition of vegetation,etc.) SAS has not been used for 5 years. A fence post was driven through pipe to D-box and flow was directed into natural area. No hydraulic failure noted. System will be reconnected and put back into service.

CESSPOOLS: NA
(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 (cesspool must be pumped as part of inspection)_____

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

PRIVY: NA
(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.)_____

SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART C
SYSTEM INFORMATION (continued)

Property Address: 705 STATION RD., AMHERST
Owner: LEE HELLER
Date of Inspection: 11/1/95

TIGHT OR HOLDING TANK: N/A
(locate on site plan)

Depth below grade:____
Material of construction: __concrete __metal __FRP __other(explain)

Dimensions:_____
Capacity:_____gallons
Design flow:_____gallons/day
Alarm level:_____

Comments:
(condition of inlet tee, condition of alarm and float switches, etc.)

DISTRIBUTION BOX: ✓
(locate on site plan)

Depth of liquid level above outlet invert: 0"

Comments:
(note if level and distribution is equal, evidence of solids carryover, evidence of leakage into or out of box, etc.) Distribution box to be replaced, no evidence of solids carryover. No evidence of leakage

PUMP CHAMBER: NA
(locate on site plan)

Pumps in working order:(yes or no)____

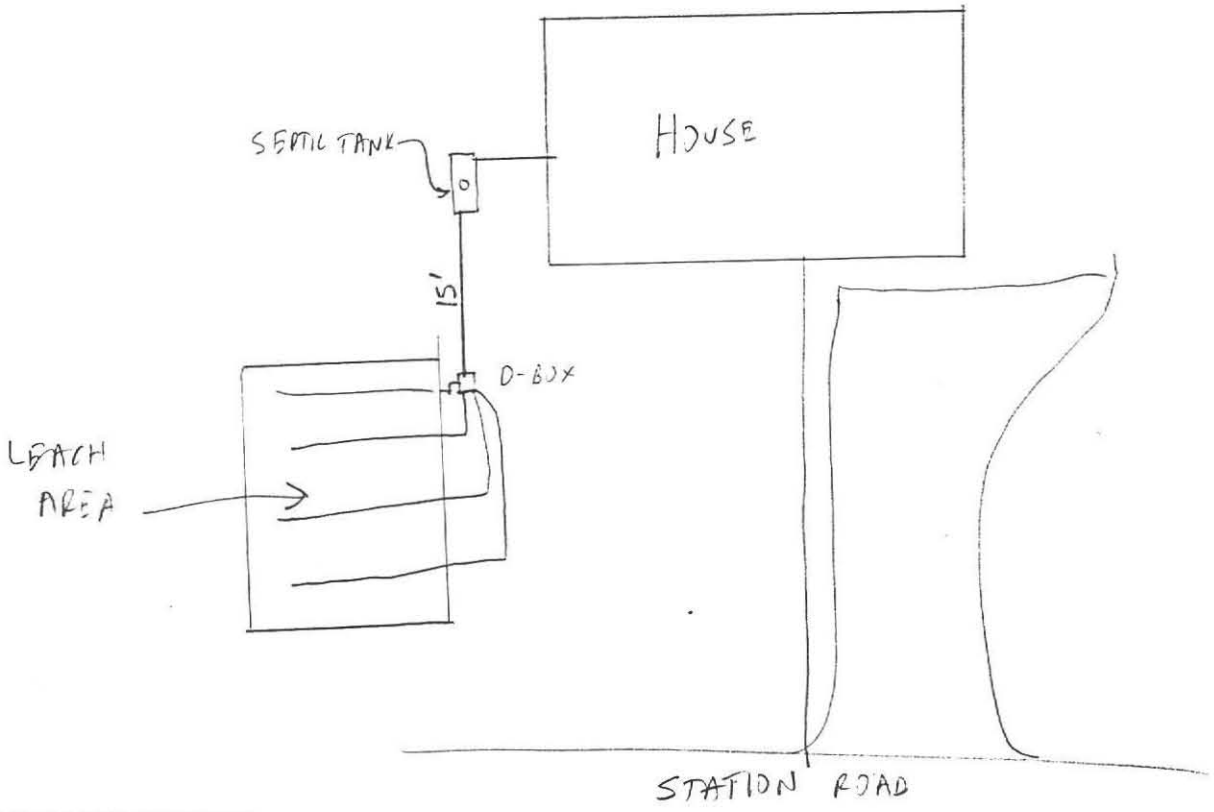
Comments:
(note condition of pump chamber, condition of pumps and appurtenances, etc.) _____

SUBSURFACE SEWAGE DISPOSAL SYSTEM INSPECTION FORM
PART C
SYSTEM INFORMATION (continued)

Property Address: 705 STATION RD., AMHERST
Owner: LEE HELLER
Date of Inspection: 11/1/95

SKETCH OF SEWAGE DISPOSAL SYSTEM:

include ties to at least two permanent references landmarks or benchmarks
locate all wells within 100'



DEPTH TO GROUNDWATER

Depth to groundwater: 3' feet
method of determination or approximation: Nearby test pits, basement sump pump

Town of

AMHERST Massachusetts

TOWN HALL
4 BOLTWOOD AVENUE
AMHERST, MA. 01002-2351

INSPECTION SERVICES DEPARTMENT
Phone (413) 256-4030

December 11, 1995

To: Amherst Board of Health Members

From: David Zarozinski, Sanitarian

re: Local upgrade approval to Title V,
Reduction of property line setback &
Waive 125% larger than Title V capacity at 705 Station Road

1. Local upgrade approval to Title V provision 310 CMR 15.212A to allow a vertical separation distance of three feet (3') between the bottom of the proposed leach field and the high ground-water elevation (copy enclosed).

2. Reduce the property line setback from ten feet (10') to five feet (5') CMR 15.405 1A (copy enclosed).

3. Waive the requirement that the leach field provide a capacity of 125% larger than Title V (copy enclosed).

On November 16, 1995, a percolation test was conducted at 705 Station Road, Amherst, MA for Ms. Lee E. Heller by Mr. Robert Stover of Amherst Civil Engineering and witnessed by Mr. David Zarozinski, Sanitarian for the Amherst Health Dept.

The percolation rate was twenty six (26) minutes per inch with a water table located at 33 inches. The soils were loamy medium and course sand to a very fine loamy sand (firm with depth).

I would recommend approval for these requests for the following reasons:

1. The proposed leach field will be located in the front yard near the easterly side property line away from the wetlands. The three foot (3') separation is needed because there is not sufficient area to accommodate the four foot (4') ground water separation.

2. In order to meet the side slope requirements, the reduction of the property line setback from ten to five feet is necessary. This would allow the leach field to be large enough to provide the required capacity. As noted in Mr. & Mrs. Edward Ladd's letter they are granting an easement to Ms. Heller to begin the process.

3. The septic system is designed for 451.62 gallons per day. Today's Title V requires 440 gallons per day.

4. Town water is available.

WP/DZ/BOH

15.211: continued

[2] The required setback shall be 50 feet where the applicant has provided hydrogeologic data acceptable to the approving authority demonstrating that the location of the soil absorption system is hydraulically downgradient of the vernal pool. Surface topography alone is not determinative.

[3] Surface or subsurface drains which will regularly or periodically intercept the seasonal high groundwater table and carry that groundwater away from an area must meet the specified setbacks.

[4] The setback distance shall be measured from a naturally-occurring downhill slope which is not steeper than 3:1 (horizontal:vertical). A minimum 15 foot horizontal separation distance shall be provided between the top of the peastone in the soil absorption system and the adjacent downhill slope. For a system located in an area with any adjacent naturally occurring downhill slope steeper than 3:1, slope stabilization shall be provided in accordance with best engineering practice which may include construction of a concrete retaining wall constructed in accordance with 310 CMR 15.255(2).

(2) No system shall be constructed within a Zone I of a public water supply well or wellfield. No system shall be upgraded or expanded within a Zone I of a public water supply well or wellfield unless a variance is granted pursuant to 310 CMR 15.410 through 15.415.

(3) All setback distances from water bodies shall be measured from the bank of the water body. All setback distances from wetlands shall be measured in accordance with the criteria of the wetlands protection act and 310 CMR 10.00, from the most landward edge of the following features: bordering vegetated wetland as defined in 310 CMR 10.55(2); salt marsh as defined in 310 CMR 10.32(2); top of inland bank as defined in 310 CMR 10.54(2); or top of coastal bank as defined in 310 CMR 10.30(2). In the event of disputes concerning landward boundary of resources subject to the Wetlands Protection Act, the boundary shall be as delineated by the municipal Conservation Commission or the Department in accordance with 310 CMR 10.00, as amended, and relevant interpretive guidance documents.

15.212: Depth to Ground Water

The minimum vertical separation distance of the bottom of the stone underlying the soil absorption system above the high ground-water elevation shall be

(a) four feet in soils with a recorded percolation rate of more than two minutes per inch;

(b) five feet in soils with a recorded percolation rate of two minutes or less per inch.

15.213: Construction in Velocity Zones and Floodways

(1) No septic tank or humus/composting toilet shall be constructed in a velocity zone on a coastal beach, barrier beach, or dune, or in a regulatory floodway, except a septic tank that replaces a tank in existence on the site as of March 31, 1995 that has been damaged, removed or destroyed, where placement of the tank outside of the velocity zone or regulatory floodway, either horizontally or vertically, is not feasible. Where reconstruction of a system in existence on March 31, 1995 occurs or reconstruction of a building or buildings is allowed in accordance with the wetlands protection act and 310 CMR 10.00, it shall be presumed to be feasible to elevate the tank if the building is elevated above the velocity zone or regulatory floodway.

(2) No soil absorption system shall be constructed in a velocity zone on a coastal beach, barrier beach, or dune, or in a regulatory floodway, unless

(a) the system is to serve a building or buildings that were in existence on March 31, 1995 or reconstruction of such building or buildings where allowed in accordance with the wetlands protection act and 310 CMR 10.00;

(b) there is no increase in design flow from such building or buildings;

(c) no connection to a public sewer or shared system is available;

(d) the owner or applicant cannot site the system elsewhere;

(e) the septic tank or humus/composting toilet is sited outside of the velocity zone or regulatory floodway, either horizontally or vertically;

(f) the system achieves required separation from high groundwater elevation required by 310 CMR 15.212; and

15.404: continued

Where failure of the system is solely due to failure of the septic tank, distribution box, soil absorption system, and/or building sewer, upgrade of that component(s) in full compliance with 310 CMR 15.000 shall be deemed to meet the goal of full compliance; provided that the upgraded component functions properly with the other system components, the system functions properly hydraulically, and the owner obtains a certificate of compliance from the approving authority. If other system failures are discovered during upgrade of that component(s), such other system failures shall be upgraded in accordance with 310 CMR 15.405.

(2) When full compliance pursuant to 310 CMR 15.404(1) is not feasible, the approving authority shall issue a local upgrade approval authorizing upgrade of the system with the goal of maximizing protection of public health and safety and the environment to the maximum extent feasible. The following requirements shall not be varied by the local approving authority except as explicitly set forth in 310 CMR 15.404(2)(b) and (d):

(a) A septic tank with an effective liquid capacity providing no less than 24 hours of retention time or 1000 gallons, whichever is greater, shall be provided unless the septic tank is an elevated tank constructed in accordance with 310 CMR 15.213 (construction in V-zones) in which case the effective liquid capacity may consist of a 500-gallon tank.

(b) A minimum of four feet of separation between the bottom of the soil absorption system and the high ground-water elevation shall be provided, using fill if necessary. The local approving authority may allow a three foot separation only in full compliance with 310 CMR 15.405(1)(i).

(c) A minimum of four feet of naturally occurring pervious soil below the entire area of the soil absorption area and reserve area shall be provided.

(d) The soil absorption system shall be designed to provide as much of the required area as possible on the facility served or, if proposed by the owner or operator, on an abutting facility pursuant to a valid recorded easement. The local approving authority may reduce the required soil absorption system area no more than 25%, as provided in 310 CMR 15.405(1). Reductions in the required subsurface disposal area in excess of 25% may only be varied by the Department, and may require the installation of a Department-approved septic tank effluent tee filter, dosing of portions of the soil absorption system on an alternating basis, and/or other measures to protect the integrity of the soil absorption system; and

(e) the soil absorption system shall not be located within 100 feet of a surface water supply or tributary to a surface water supply, within 50 feet of a private water supply well, or within the Zone I of a public water supply well.

15.405: Contents of Local Upgrade Approval

(1) In granting local upgrade approvals pursuant to 310 CMR 15.404(2) where full compliance as defined in 310 CMR 15.404(1) is not feasible, the local approving authority shall consider the impact of the proposed system and shall vary to the least degree necessary the requirements of 310 CMR 15.100 through 15.293 so as to allow for both the best feasible upgrade within the borders of the lot, and have the least effect on public health, safety and the environment. The local approving authority is allowed to diverge from the goal of full compliance only to the extent necessary. The approving authority should emphasize protection of water resources and treatment of the sanitary sewage. Absent conditions which would result in a different outcome based on best professional judgment, the options set forth below should be considered in the order in which they appear with 310 CMR 15.405(1)(a) being the first option to be considered and rejected or adopted and 310 CMR 15.405(1)(i) being the last option to be considered and rejected or adopted:

(a) Reduction of system location setbacks otherwise established in 310 CMR 15.211 for property lines provided that a survey of the property line shall be required if a component is to be placed within five feet of the property line, and no such reduction shall result in the soil absorption system being located less than ten feet from a soil absorption system on an abutting property;

(b) Reductions of system location setbacks from cellar wall, swimming pool, or slab foundations;

15.405: continued

(c) Placement of the leaching structure within an area where percolation rate is between 30 and 60 minutes per inch, in accordance with 310 CMR 15.242;

(d) Up to a 25% reduction in the required subsurface disposal area design requirements;

(e) Where upgrade is required pursuant to 310 CMR 15.303(1)(j) or (1)(m) (within Zone I of public well or within 100 feet of private well), relocation of the well. Any relocation of a public well shall be performed pursuant to 310 CMR 22.00 (water supply source approval);

(f) Reduction of system location setbacks from bordering vegetated wetlands;

(g) Reduction of system location setbacks from surface waters, salt marshes, inland and coastal banks, certified vernal pools in accordance with 310 CMR 15.211(1)[2], leaching catch basins, dry wells, or surface or subsurface drains other than those which discharge to surface water supplies or tributaries thereto;

(h) Reduction of system location setbacks from water supply lines, private water supply wells (but not within 50 feet of the well), tributaries to surface water supplies, surface water supplies, but not within 100 feet of the surface water supply or tributary thereto or open, surface or subsurface drains which discharge to surface water supplies or tributaries thereto.

(i) the local approving authority may reduce the required four foot separation (in soils with a recorded percolation rate of more than two minutes per inch) or the required five foot separation (in soils with a recorded percolation rate of two minutes or less per inch) between the bottom of the soil absorption system and the high groundwater elevation only if all of the following conditions are met:

1. An approved Soil Evaluator who is a member or agent of the local approving authority determines the high groundwater elevation.
2. A minimum three foot separation (in soils with a recorded percolation rate of more than two minutes per inch) or a minimum four foot separation (in soils with a recorded percolation rate of two minutes or less per inch) between the bottom of the soil absorption system and the high groundwater elevation is maintained.
3. The system is a failed or non-conforming system serving an existing building with a design flow of less than 2,000 gpd
4. No increase in design flow or square footage of the building is allowed.
5. No reduction in required leaching field size or setbacks from public or private wells, bordering vegetated wetlands, surface waters, salt marshes, coastal banks, certified vernal pools, water supply lines, surface water supplies or tributaries to surface water supplies, or drains which discharge to surface water supplies or their tributaries, is allowed.

(2) No application for an upgrade approval in which the setback from property lines or a private water supply well is reduced shall be complete until the applicant has notified all abutters whose property or well is affected by certified mail at his/her own expense at least ten days before the Board of Health meeting at which the upgrade approval will be on the agenda. The notification shall reference the standards set forth in 310 CMR 15.402 through 15.405 and indicate the date, time and place where the upgrade approval will be discussed.

(3) If the nonconforming system cannot be upgraded in accordance with 310 CMR 15.404 and 15.405(1) the owner shall:

(a) obtain a groundwater discharge permit pursuant to 314 CMR 5.00 and 6.00,

(b) apply to the Department to use a tight tank or modified tight tank in accordance with the provisions of 310 CMR 15.260 through 15.262,

(c) apply for a variance pursuant to 310 CMR 15.410 through 15.415, or

(d) abandon the system in compliance with 310 CMR 15.354.

(4) Nothing in 310 CMR 15.405 shall authorize violation of M.G.L. c. 131, § 40 and 310 CMR 10.00, or any other applicable provision of law.

12/2/95

TO WHOM IT MAY CONCERN:

This letter of intent confirms the agreement of the undersigned, Edward R. Ladd and Rae M. Ladd, of 715 Station Rd. in Amherst, Mass., to an equal exchange of land with Lee E. Heller, of 705 Station Rd. in Amherst, Mass., according to plans designed by Amherst Civil Engineering and Harold Eaton Associates and submitted for approval to the undersigned. This letter grants an easement to Lee E. Heller to begin the process of constructing a leach field on property currently in possession of the undersigned, but to be transferred to Lee E. Heller by due legal process, at the earliest possible opportunity, according to said plans.

This letter also grants an easement to Lee E. Heller to place fill on property owned by the undersigned, in order to even out the new boundary between the two properties and to minimize disruptions caused by the construction of said leach field at 705 Station Rd., said filled area to be properly landscaped by Lee E. Heller.

Signed,

Edward R. Ladd

Edward R. Ladd

Rae M. Ladd

Rae M. Ladd

AMHERST CIVIL ENGINEERING
6 UNIVERSITY DRIVE, BOX 144
AMHERST, MASSACHUSETTS 01004-6000
(413) 256-3400

November 7, 1995

Board of Health
Amherst Town Hall
4 Boltwood Walk
Amherst, MA 01002

Re: Request for two Title 5 local upgrade approvals for Lee E. Heller at 705 Station Rd.

Board Members:

In order to repair the on-site sewage disposal system serving the four bedroom house at the address above, Lee E. Heller hereby requests that the Amherst Board of Health grant two local upgrade approvals. The first local upgrade approval to Title 5, 310 CMR 15.212(a) to allow a vertical separation distance of three feet (3') between the bottom of the proposed leach field and the high ground-water elevation (the soil was found to have a percolation rate of twenty six (26) minutes per inch). The second local upgrade approval to Title 5, 310 CMR 15.211(1) to allow the proposed leach field to be a minimum of five (5) feet from property lines.

At the site and soil evaluation conducted on November 16, 1995 by Robert Stover, Certified Soil Evaluator, and Health Agent David Zarozinski, Certified Soil Evaluator, the high ground-water elevation was determined to be at a depth of thirty three (33) inches below the ground surface (elevation 96.85').

The proposed replacement leach field will be located in the front yard near the easterly side property line. Because the area behind house is within fifty (50) feet of bordering vegetated wetlands and because there is a small brook along the westerly side property line the proposed leach field location offers the best opportunity to achieve maximum feasible compliance with the requirements of Title 5.

The three (3) foot separation to the high ground-water elevation is requested because there is not sufficient area available to accommodate the fill that would be necessitated by a four (4) foot ground-water separation.

The reduction of the minimum property line setback from ten feet to five feet is requested so that the leach field can be large enough to provide the required capacity and so that sufficient fill can be placed to meet the side slope setback requirements. Please note that Ms. Heller has arranged to acquire property from an abutter and has obtained permission from her abutter to allow placement of fill and grading on the abutting property so that the requirements of Title 5 can be met to the extent possible. Please note also that the property lines will be clearly marked by licensed surveyors to ensure that the five foot setback is met.

There is no adjacent property within a practicable distance of this property on which a soil absorption system or shared system could be installed that would comply with the Title 5 requirement to provide a four feet vertical separation distance from the high ground-water elevation requirement.

Because it is not feasible to achieve full compliance with the requirements of Title 5, strict enforcement of 310 CMR 15.212(b) would impose a manifest injustice upon the applicant.

A level of environmental protection equivalent to that provided by the strict application of 310 CMR 15.212(b) is provided by the fact that this area is served by town water supply and no private or public water supply wells are located within two hundred feet (200') of the proposed soil absorption system.

Lee E. Heller also requests that the Board waive the local requirement that the leach field provide a capacity 125% of that required by Title 5.

Thank you for your consideration of these requests. If questions arise please do not hesitate to contact us.

Very truly yours,

Robert W. Stover

Robert Stover

No..... Fee.....

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town of Amherst

Application for Disposal Works Construction Permit

CHECK OR FILL IN WHERE APPLICABLE

Application is hereby made for a Permit to Construct ( ) or Repair (✓) an Individual Sewage Disposal System at:

705 Station Rd.
Location - Address

Lee E. Heller
Owner

705 Station Rd, Amherst, MA 01002
Lot No. Address

Installer Address

Type of Building Size Lot.....Sq. feet

Dwelling — No. of Bedrooms 4 Expansion Attic ( ) Garbage Grinder (no)

Other — Type of Building SFH No. of persons..... Showers ( ) — Cafeteria ( )

Other fixtures Garbage Grinder shall be removed

Design Flow 44 55 gallons per person per day. Total daily flow 440 gallons.

Septic Tank ✓ Liquid capacity 1500 gallons Length 10.5' Width 5.0' Diameter — Depth 4.0' Liquid

Disposal ~~Trench~~ Bed ✓ No. 1 Width 18.0' Total Length 65.0 Total leaching area.....sq. ft.

Seepage Pit No..... Diameter — Depth below inlet 0.5' Total leaching area.....sq. ft.

Other Distribution box (✓) Dosing tank ( )

Percolation Test Results Performed by Robert W. Stover Date Nov. 16, 1995

Test Pit No. 1 20e minutes per inch Depth of Test Pit 98" Depth to ground water 33"

Test Pit No. 2 minutes per inch Depth of Test Pit 90" Depth to ground water 24"

Description of Soil on attached Plan

Nature of Repairs or Alterations — Answer when applicable

COMMONWEALTH OF MASSACHUSETTS HAROLD [illegible] CIVIL No. 32514 REGISTERED PROFESSIONAL ENGINEER

12/7/95

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 Robert Stover (representing Lee Heller) 12/7/95
Date

Application Approved By ..... Date

Application Disapproved *for the following reasons:* ..... Date

Permit No. ..... Issued ..... Date

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town of Amherst

Certificate of Compliance

THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed ( ) or Repaired (✓)

by ..... Installer

at 705 Station 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. ..... dated .....

THE ISSUANCE OF THIS CERTIFICATE SHALL NOT BE CONSTRUED AS A GUARANTEE THAT THE SYSTEM WILL FUNCTION SATISFACTORY.

DATE ..... Inspector .....

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town of Amherst

No..... Fee.....

Disposal Works Construction Permit

Permission is hereby granted Lee E. Heller

to Construct ( ) or Repair (✓) an Individual Sewage Disposal System

at No. 705 Station Rd.
Street

as shown on the application for Disposal Works Construction Permit No..... Dated.....

Board of Health

DATE.....

FORM 1255 A.M. SULKIN CO.

No..... Fee.....

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town of Amherst

Application for Disposal Works Construction Permit

CHECK OR FILL IN WHERE APPLICABLE

Application is hereby made for a Permit to Construct ( ) or Repair (✓) an Individual Sewage Disposal System at:

705 Station Rd. — on Lot No. .....
Location - Address

Lee E. Heller — 705 Station Rd., Amherst, MA 01002
Owner — Address

..... — .....
Installer — Address

Type of Building — Size Lot.....Sq. feet

Dwelling — No. of Bedrooms 4 Expansion Attic ( ) Garbage Grinder (no)

Other — Type of Building SFH No. of persons..... Showers ( ) — Cafeteria ( )

Other fixtures Garbage Grinder shall be removed

Design Flow 44 55 gallons per person per day. Total daily flow 440 gallons.

Septic Tank ✓ Liquid capacity 1500 gallons Length 10.5' Width 5.0' Diameter — Depth 4.0' Liquid

Disposal ~~Trench~~ Bed ✓ No. 1 Width 18.0' Total Length 65.0 Total leaching area.....sq. ft.

Seepage Pit No..... Diameter — Depth below inlet 0.5' Total leaching area.....sq. ft.

Other Distribution box (✓) Dosing tank ( )

Percolation Test Results Performed by Robert W. Stover Date Nov. 16, 1995

Test Pit No. 1 26 minutes per inch Depth of Test Pit 98" Depth to ground water 33"

Test Pit No. 2 ..... minutes per inch Depth of Test Pit 90" Depth to ground water 24"

Description of Soil on attached Plan

Nature of Repairs or Alterations — Answer when applicable.....

COMMONWEALTH OF MASSACHUSETTS HAROLD STEVENS CIVIL No. 32514 REGISTERED PROFESSIONAL ENGINEER

12/7/95

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Signed Robert Stover (representing Lee Heller) 12/7/95
Date

Application Approved By ..... Date

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Permit No. ..... Issued ..... Date

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town of Amherst

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at 705 Station Rd.

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DATE ..... Inspector .....

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town of Amherst

No..... Fee.....

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to Construct ( ) or Repair (✓) an Individual Sewage Disposal System

at No. 705 Station Rd.
Street

as shown on the application for Disposal Works Construction Permit No..... Dated.....

..... Board of Health

DATE.....

FORM 1255 A.M. SULKIN CO.

No..... Fee.....

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town of Amherst

Application for Disposal Works Construction Permit

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705 Station Rd.
Location - Address

Lee E. Heller
Owner

705 Station Rd., Amherst, MA 01002
Address of Lot No.

Installer

Address

CHECK OR FILL IN WHERE APPLICABLE

Type of Building — Size Lot.....Sq. feet

Dwelling — No. of Bedrooms 4 Expansion Attic ( ) Garbage Grinder (no)

Other — Type of Building SFH No. of persons..... Showers ( ) — Cafeteria ( )

Other fixtures Garbage Grinder shall be removed

Design Flow 4 x 55 gallons per person per day. Total daily flow 440 gallons.

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Nature of Repairs or Alterations — Answer when applicable

COMMONWEALTH OF MASSACHUSETTS HAROLD STEEG CIVIL No. 32514 REGISTERED PROFESSIONAL ENGINEER 12/7/95

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Signed Robert Stover (representing Lee Heller) 12/7/95
Date

Application Approved By ..... Date

Application Disapproved *for the following reasons:* ..... Date

Permit No. ..... Issued ..... Date

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town of Amherst

Certificate of Compliance

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at 705 Station Rd.

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DATE ..... Inspector .....

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town of Amherst

No..... Fee.....

Disposal Works Construction Permit

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to Construct ( ) or Repair (✓) an Individual Sewage Disposal System

at No. 705 Station Rd.
Street

as shown on the application for Disposal Works Construction Permit No..... Dated.....

Board of Health

DATE.....

FORM 1255 A.M. SULKIN CO.

12/2/95

TO WHOM IT MAY CONCERN:

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This letter also grants an easement to Lee E. Heller to place fill on property owned by the undersigned, in order to even out the new boundary between the two properties and to minimize disruptions caused by the construction of said leach field at 705 Station Rd., said filled area to be properly landscaped by Lee E. Heller.

Signed,

Edward R. Ladd

Edward R. Ladd

Rae M. Ladd

Rae M. Ladd

12/2/95

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Signed,

Edward R. Ladd

Edward R Ladd

Rae M. Ladd

Rae M. Ladd