

No. 94-13

#143



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 (X) an Individual Sewage Disposal System at:

143 MECHANIC ST Location - Address or Lot No.

A. FRENCH Owner Address

KARL'S SITE WORK Robert Adair Installer Address

Type of Building Size Lot 1+1/2 Sq. feet

Dwelling - No. of Bedrooms 3 Expansion Attic (N) Garbage Grinder (N)

Other - Type of Building RES. No. of persons Showers () - Cafeteria ()

Design Flow 55 gallons per person per day. Total daily flow 412.8 gallons.

Septic Tank - Liquid capacity 1000 gallons Length 102" Width 58" Diameter 55"

Disposal Trench - No. 1 Width 24" Total Length 40' Total leaching area 960 sq. ft.

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

Other Distribution box (4) Dosing tank (N) A. WEISS Date 6/9/94

Percolation Test Results Test Pit No. 1 15 minutes per inch Depth of Test Pit 10' Depth to ground water 3'

Test Pit No. 2 9' minutes per inch Depth of Test Pit 9' Depth to ground water "

Description of Soil BRN. F - COARSE SAND AND GRAVEL SOME COBBLES + SILT

Nature of Repairs or Alterations - Answer when applicable NEW SITANK + L. FIELD

Agreement: The undersigned agrees to install the aforescribed 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 Andrew French Date 8-10-94

Application Approved By Date

Application Disapproved for the following reasons: Date

Permit No. 94-13 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 (X) by Robert Adair

at 143 Mechanic St. Installer Robert Adair 9/9/94

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. 94-13 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. 94-13

Disposal Works Construction Permit

FEE 160.00 6/10/94

Permission is hereby granted Andrew French

to Construct () or Repair (X) an Individual Sewage Disposal System at No. 143 Mechanic St.

as shown on the application for Disposal Works Construction Permit No. 94-13 Dated

DATE Aug 11, 1994 Board of Health

VARIANCE GRANTED ON AUGUST 10, 1994

CHECK OR FILL IN WHERE APPLICABLE



1749

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COLD SPRING ENVIRONMENTAL
CONSULTANTS, INC.

- 21E Site Investigations
- Subsurface Investigations
- Pollution Remediation
- LSP on Staff

- Percolation Tests and Septic Designs
- Regulatory Compliance
- Recycling and Solid Waste

July 26, 1994

Mr. David Zarzinski
Amherst Health Dept.
Town Hall
Amherst, Ma. 01002

RE: Septic System Repair Proposal & Local Variance Request
French Property (Residence)
143 Mechanic Street., Amherst, Ma.

Dear David:

A variance from the Amherst Amendments to Title V is requested for the construction of the system at the above mentioned property. The variance is based on:

1. A variance from the 100' separation requirement to the the boundary of the bordering wetland is requested. 50'+ separation is provided from the edge of the leach bed to the bordering wetland and 30' from the necessary fill to the Bordering Vegetated Wetland exists (Ref: Section 3d.).

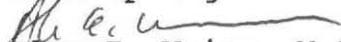
A Wetlands Determination of Applicability is concurrently being sent to the Amherst Conservation Commission and DEP, Wetlands Division in Springfield. Please note that the site is served by town water. In addition, the poorly sorted nature of the strata that underlies the site would prevent this area as acting as a primary recharge area to nearby public water supplies. As such, it is our opinion that the variance request satisfies the intent of your policy to not adversely affect surface or subsurface public or private water resources and also afford the maximum amount of environmental protection and conformance given the sites logistics and current circumstances.

Please see the proposed plan attached. Other portions of the lot were not potential sites for the new system because of soil & slope considerations as well as wetland setback requirements.

As always, feel free to contact me should you have any questions and to confirm your soonest hearing date with me.

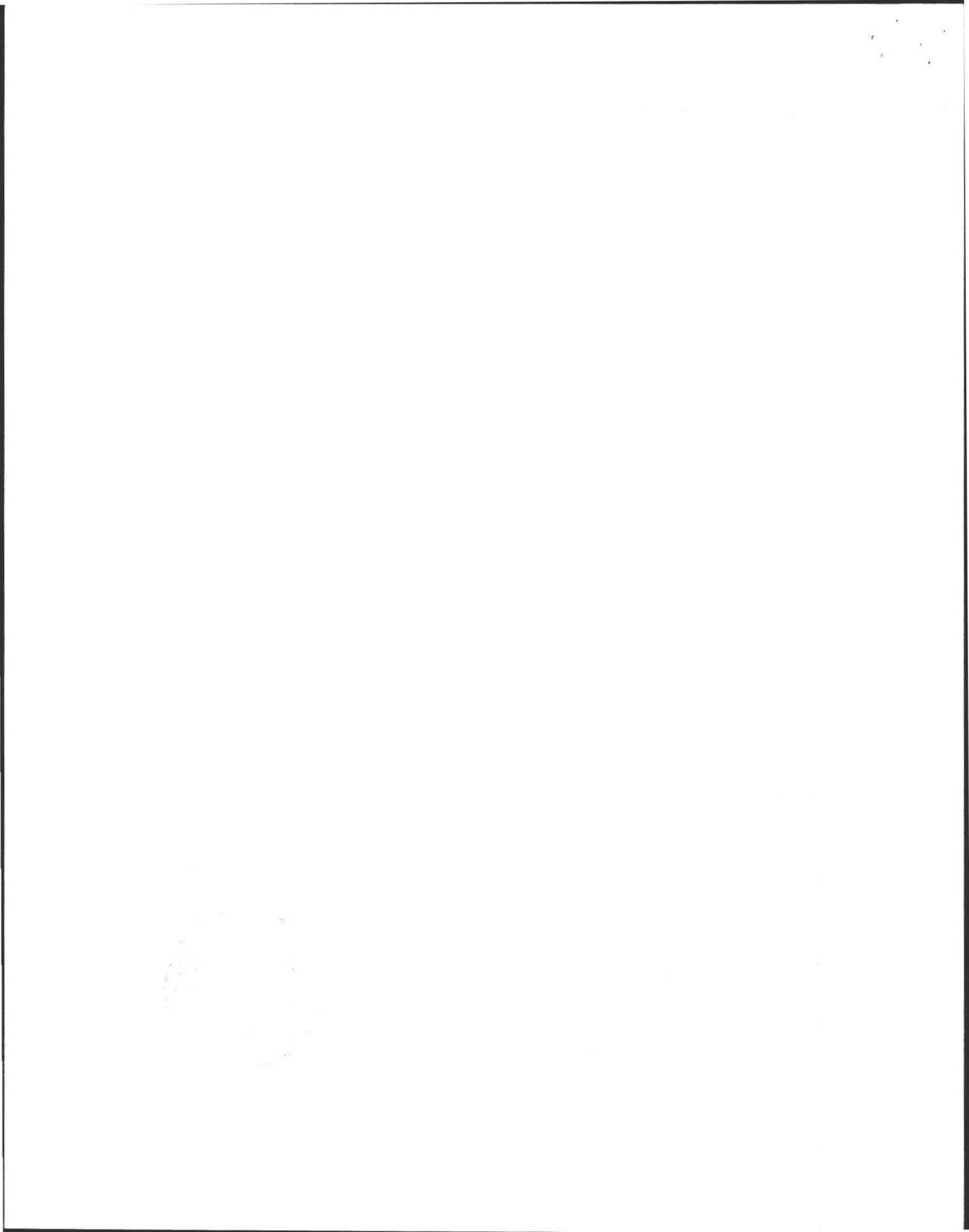
Sincerely,

Cold Spring Environmental Consultants, Inc.


Alan E. Weiss, M.S.
President
Principal Hydrogeologist
Registered Sanitarian Lic. #933



cc: Mr. Andy French



Town of



AMHERST

Massachusetts

Bettye Anderson Frederic, Director
August 1, 1994

AMHERST HEALTH DEPARTMENT
70 BOLTWOOD WALK
AMHERST, MA 01002-2128
(413) 256-4077

To: Bettye Anderson Frederic, Health Director

From: David Zarozinski, Sanitarian 

Re: Variance Request to the Town of Amherst Regulation, Section 3
- Location (d) Distance [Reference 15.03 (7)] Private sewer
disposal systems shall not be located nearer than 100 ft. from
any watercourse, stream or pond.

Mr. Andrew French who resides at 146 Mechanic Street, Amherst, MA
has a failed septic system which is approximately 40 years old.

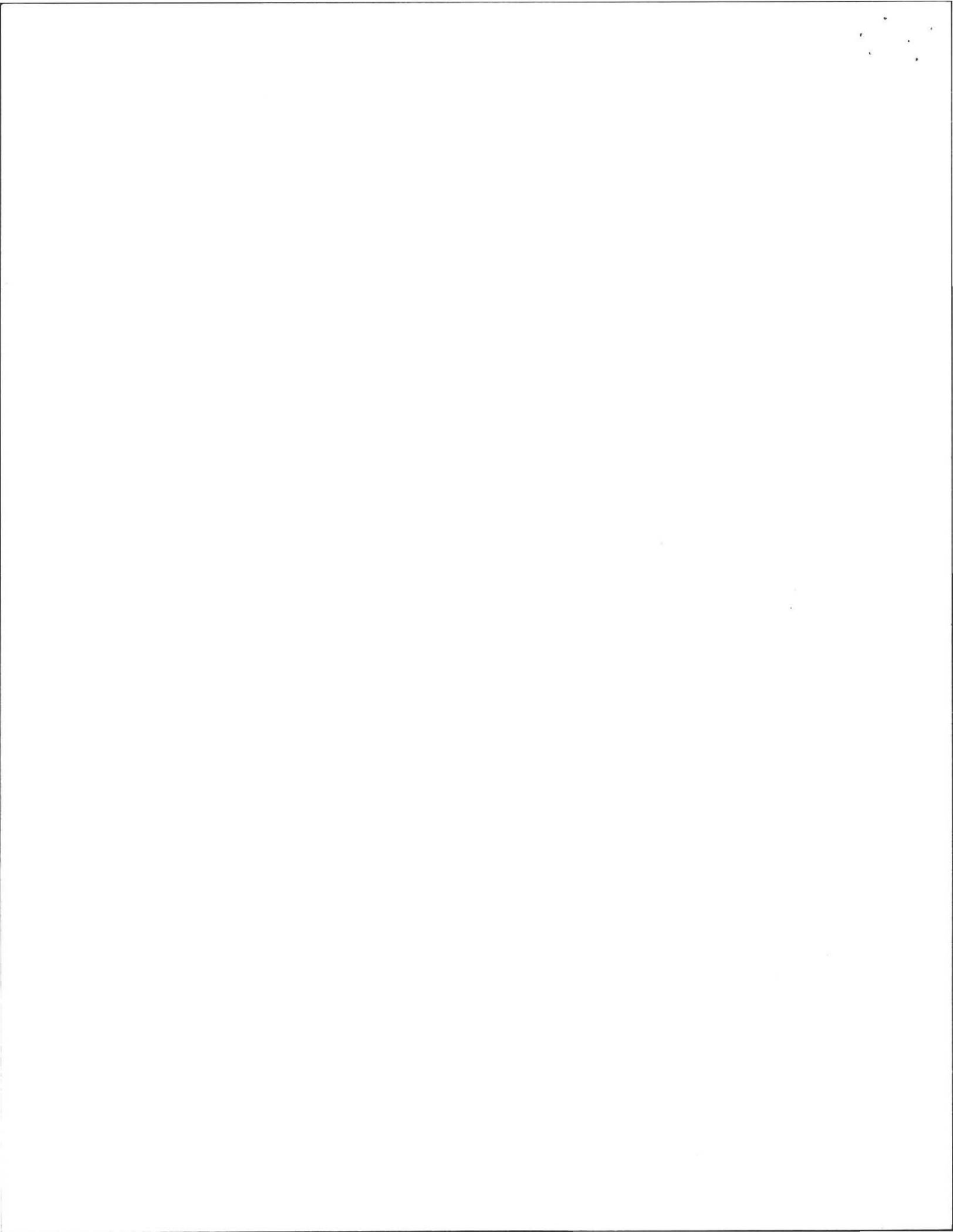
On June 9, 1994, a percolation Test was conducted by Mr. Alan
Weiss, M.S. R.S. of Cold Spring Environmental and witnessed by me
for the Amherst Health Department. The perc rate was fifteen (15)
minutes per inch with the water table at 8 ft.

Mr. French is requesting a variance to the Town of Amherst
Regulation requiring that a private sewer system shall not be
located nearer than 100 ft. from a watercourse.

The new septic system plan places the system 55 ft. from the
bordering wetland.

I would recommend this variance to the Town of Amherst Regulations
because:

1. This home is served by town water (Plan design states no
wells within 100 ft. of new the system).
2. The current septic system is in the wetlands.
3. Septic system design and installation will meet all other
Town and State Regulations.
4. It is my opinion that if the system is maintained properly
it will not cause a public health nuisance.



Town of



AMHERST

Massachusetts

TOWN HALL
4 BOLTWOOD AVENUE
AMHERST, MA 01002-2351

CONSERVATION COMMISSION
AND
CONSERVATION DIRECTOR
(413) 256-4045

August 3, 1994

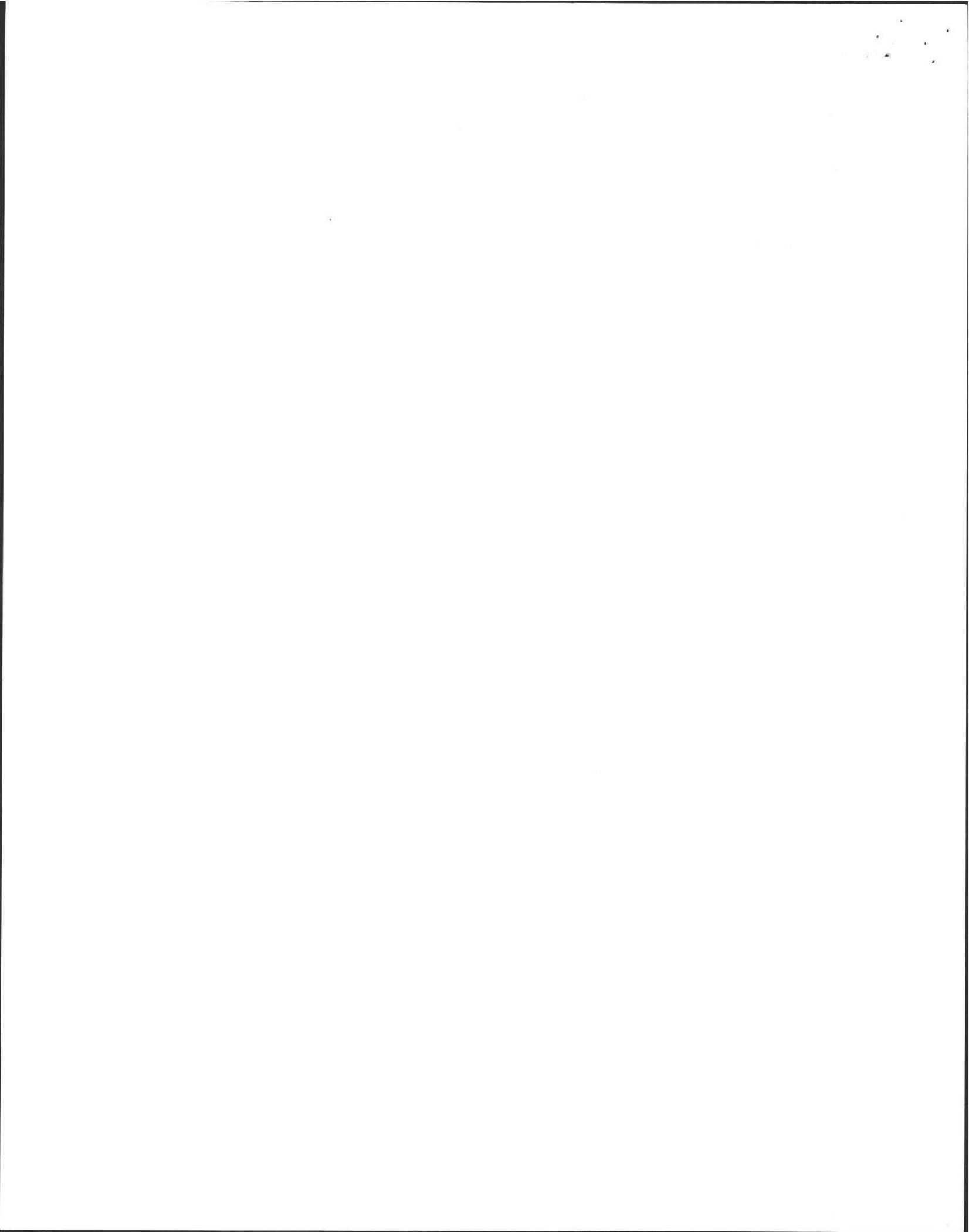
TO: Bettye A. Frederic

FROM: Pete Westover *PW*

RE: Andy French application, 143 Mechanic Street

The Conservation Commission will hold a hearing at 7:40 pm on Wed., Aug.10, 1994, on Andy French's application to repair a septic system at 143 Mechanic Street.

There will be a site inspection there that same morning at approximately 8:30 am.



Request By Andy French

TOWN OF AMHERST

CK #1379

LOT Pd AS OF 6/19/54

PERC TEST DATA SHEET

pd 6/10 \$160 by Andy French LOT SIZE

DATE 6/9/54 LOCATION 143 Mechanic St

OWNER Sherwin D King ADDRESS 143 Mechanic St TELE # 2-2-2-2-4

P.E./RS Al Weiss FIRM Cold Spring Fen. Observed by David Zimney

BACK HOE OPERATOR Harl's TELE 549 5396 BENCH MARK

PERC DEPTH 36" PRE SOAK TIME 9:02 PERC DEPTH PRE SOAK TIME

TEST	<u>9:15</u>	<u>12"</u>	<u>9:50</u>	<u>8</u>		
	<u>9:23</u>	<u>11"</u>	<u>10:03</u>	<u>7</u>		
	<u>9:30</u>	<u>10"</u>	<u>10:18</u>	<u>6</u>		
	<u>9:40</u>	<u>9"</u>				

RATE (15) RATE

#1	#2
TOP 7	TOP 7"
NO SUB	NO SUB
Brown Coarse Sand Fine Cubbles 60"	Same with seepage 8'
Red Brown Dense Silt 1	
fine sand gravel till 10'	9'

TOP	TOP
SUB	SUB

TOP	TOP
SUB	SUB

