

PL BY ELLEN STUTSMAN  
FOR DONALD ALLISON  
c/n# 3320 FOR 160 <sup>00</sup>  
8-25-99

No. \_\_\_\_\_

Date: 8-25-99

Commonwealth of Massachusetts  
, Massachusetts  
Soil Suitability Assessment for On-site Sewage Disposal

Performed By: AL Weiss  
Witnessed By: David Zarnowski

Date: 8-25-99

Location Address or Lot # <u>689 N. EAST ST</u>	Owner's Name, Address, and Telephone # <u>Donald Allison</u> <u>689 NORTH EAST ST</u> <u>256-8118</u>
New Construction <input type="checkbox"/> Repair <input checked="" type="checkbox"/>	

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) \_\_\_\_\_

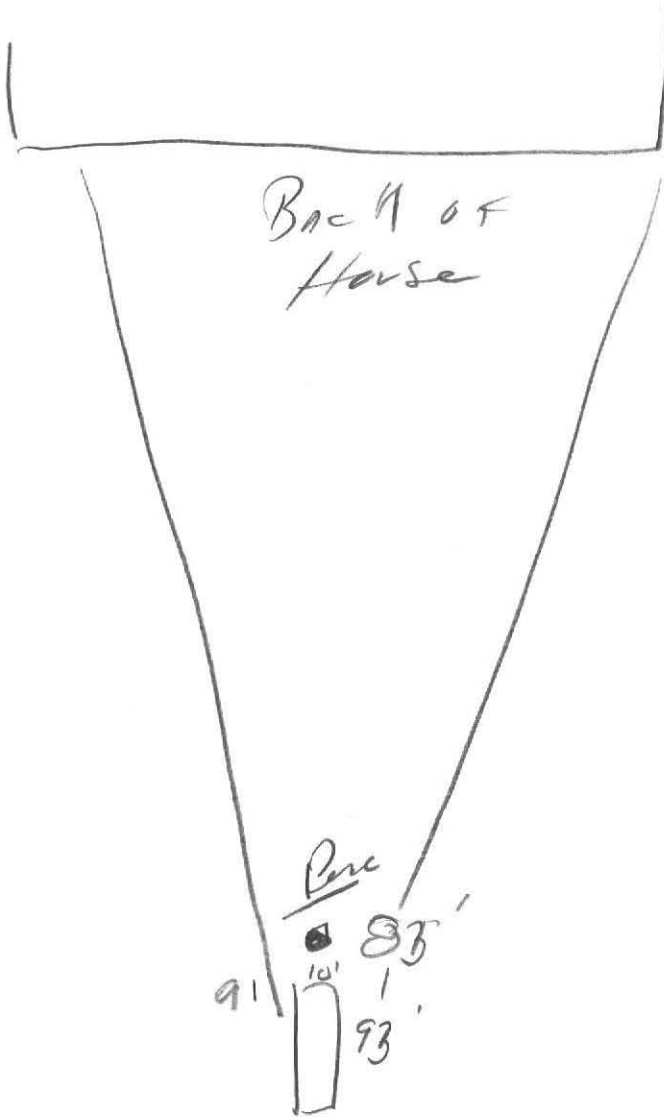
Current Water Resource Conditions (USGS): Month \_\_\_\_\_

Range :Above Normal  Normal  Below Normal

Other References Reviewed: \_\_\_\_\_



Street



5 Bedrooms  
No G/C.

Location Address or Lot No. 689 N. East St

On-site Review

Deep Hole Number 1 Date: 8-25 Time: 10:30 Weather SUNNY

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	Drainage way	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)
30	A+B	2.5Y3			
	C			2.5YR 2.5/1 46"	1590 Coarse Sand Cobbles INTAKE LINE - med Sand OUT WASH
104		2.5Y5/1			

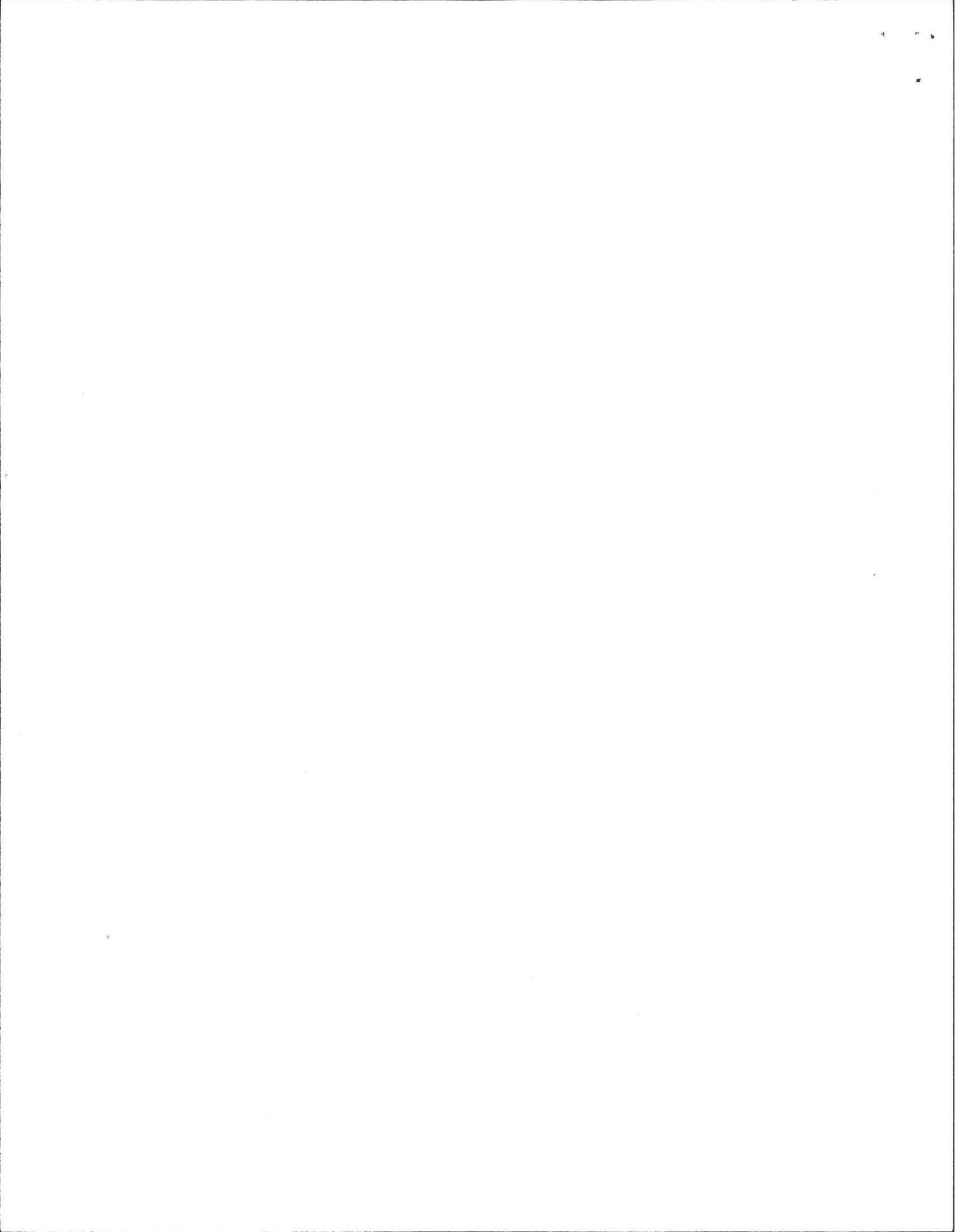
\* MINIMUM OF 2 HOLES REQUIRED AT EVERY PROPOSED DISPOSAL AREA

Parent Material (geologic): \_\_\_\_\_ Depth to Bedrock: \_\_\_\_\_

Depth to Groundwater: Standing Water in the Hole: 46" Weeping from Pit Face: None

Estimated Seasonal High Ground Water: 46"





FORM 12 - PERCOLATION TEST

Location Address or Lot No. 689 N. EAST ST

COMMONWEALTH OF MASSACHUSETTS  
 , Massachusetts

Percolation Test*		
Date:		Time:
Observation Hole #	1	
Depth of Perc	48	10:29
Start Pre-soak		
End Pre-soak		
Time at 12"	<del>COPY HOLD WATER</del>	
Time at 9"		
Time at 6"		
Time (9"-6")		
Rate Min./Inch	-2	

\* Minimum of 1 percolation test must be performed in both the primary area AND reserve area.

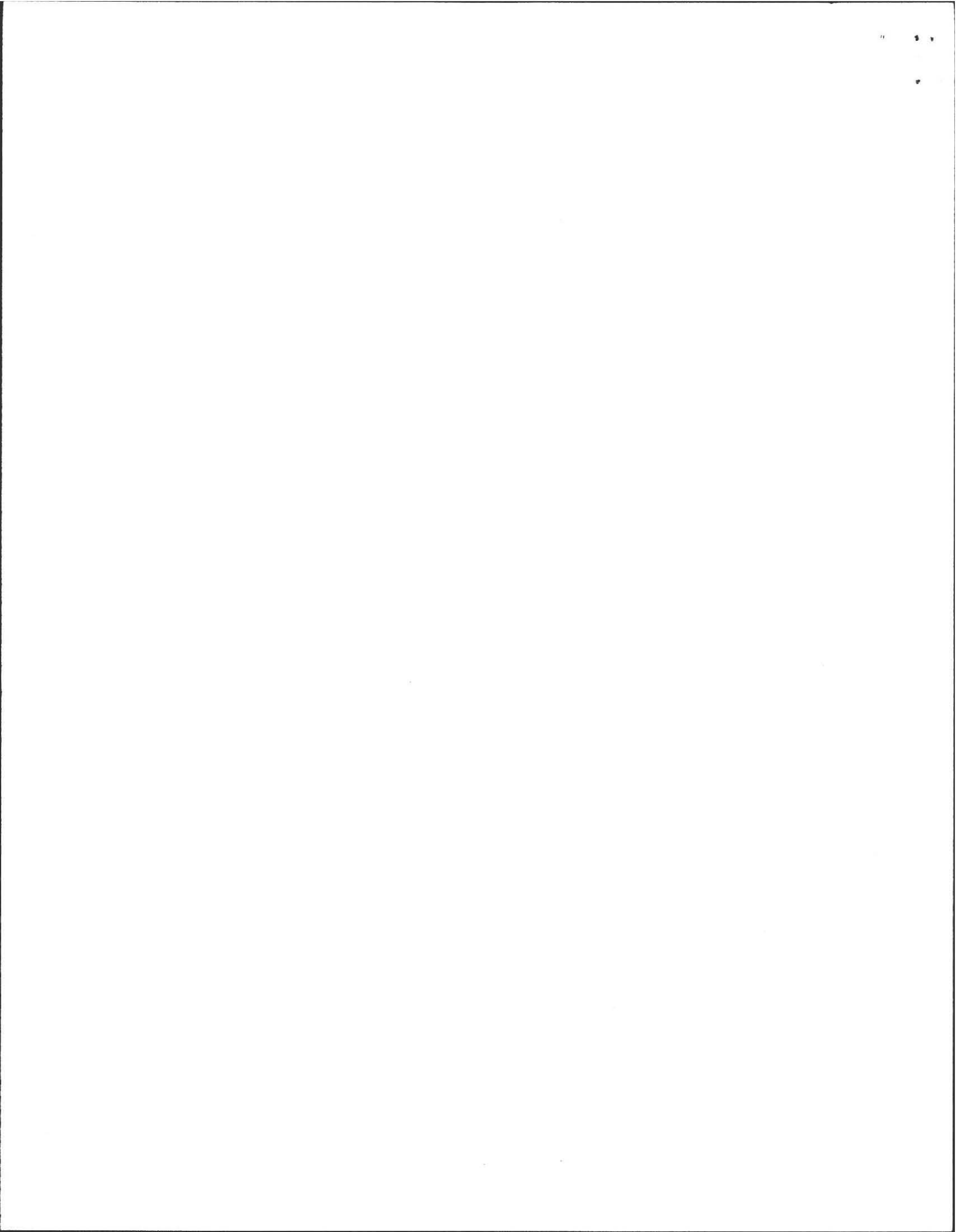
Site Passed  Site Failed

Performed By: AL Weiss

Witnessed By: David Zorawski

Comments: \_\_\_\_\_





ELLEN A. STUTSMAN  
LEVERETT RD. PH. 413-259-1217  
SHUTESBURY, MA 01072

3320

53-717712118  
0520108138

Date 8-25-99

Pay to the order of Town of Amherst \$ 160.00

One hundred sixty and no/100s Dollars



314 High St. Holyoke, MA 01040 (413) 538-8500

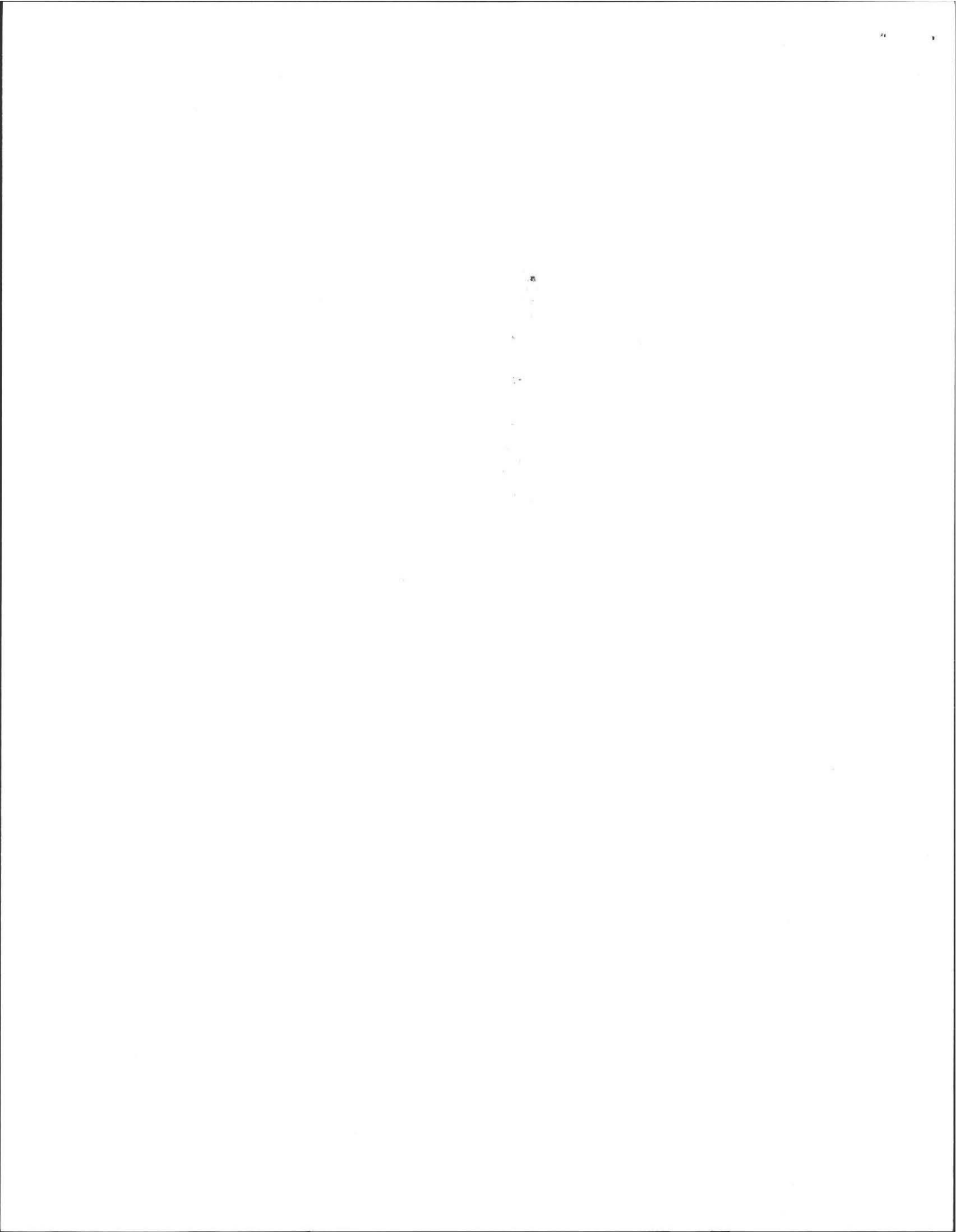
MEMO

Ellen A. Stutsman PAY TO THE ORDER OF

⑆ 2 1 8 7 7 7 2 ⑆ 0 5 2 0 1 0 8 1 3 8 ⑆ 3 3 2 0

RECEIVED AUG 27 1999

*Handwritten signature and number*  
026 # 20







ALAN E. WEISS, M.S., L.S.P.

Licensed Site Professional

Registered Sanitarian

Hydrogeologist

President

•Subsurface Investigations

•21E Site Investigations

•Pollution Remediation

•Percolation Tests and

Septic Designs

350 Old Enfield Rd.  
Belchertown, MA 01007  
(413) 323-5957 & 323-4916 (FAX)

Date: 8/25/99

Commonwealth of Massachusetts  
Amherst, Massachusetts

Soil Suitability Assessment for On-site Sewage Disposal

Performed By: A. Weiss

Date: 8/25/99

Witnessed By: D. ZAROZINSKI

Location Address or Lot # 689 Northeast Street	Owner's Name, Address, and Telephone # Dw + Edith Allison 59 Bay Road Amherst, MA. 01002
New Construction <input type="checkbox"/> Repair <input checked="" type="checkbox"/>	

Office Review

Published Soil Survey Available: No  Yes

Year Published 1981 Publication Scale 1:15,840 Soil Map Unit McB

Drainage Class Excessively Drained Soil Limitations nil

Surficial Geologic Report Available: No  Yes

Year Published Publication Scale

Geologic Material (Map Unit)

Landform KAME DELTA TERRACE

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)

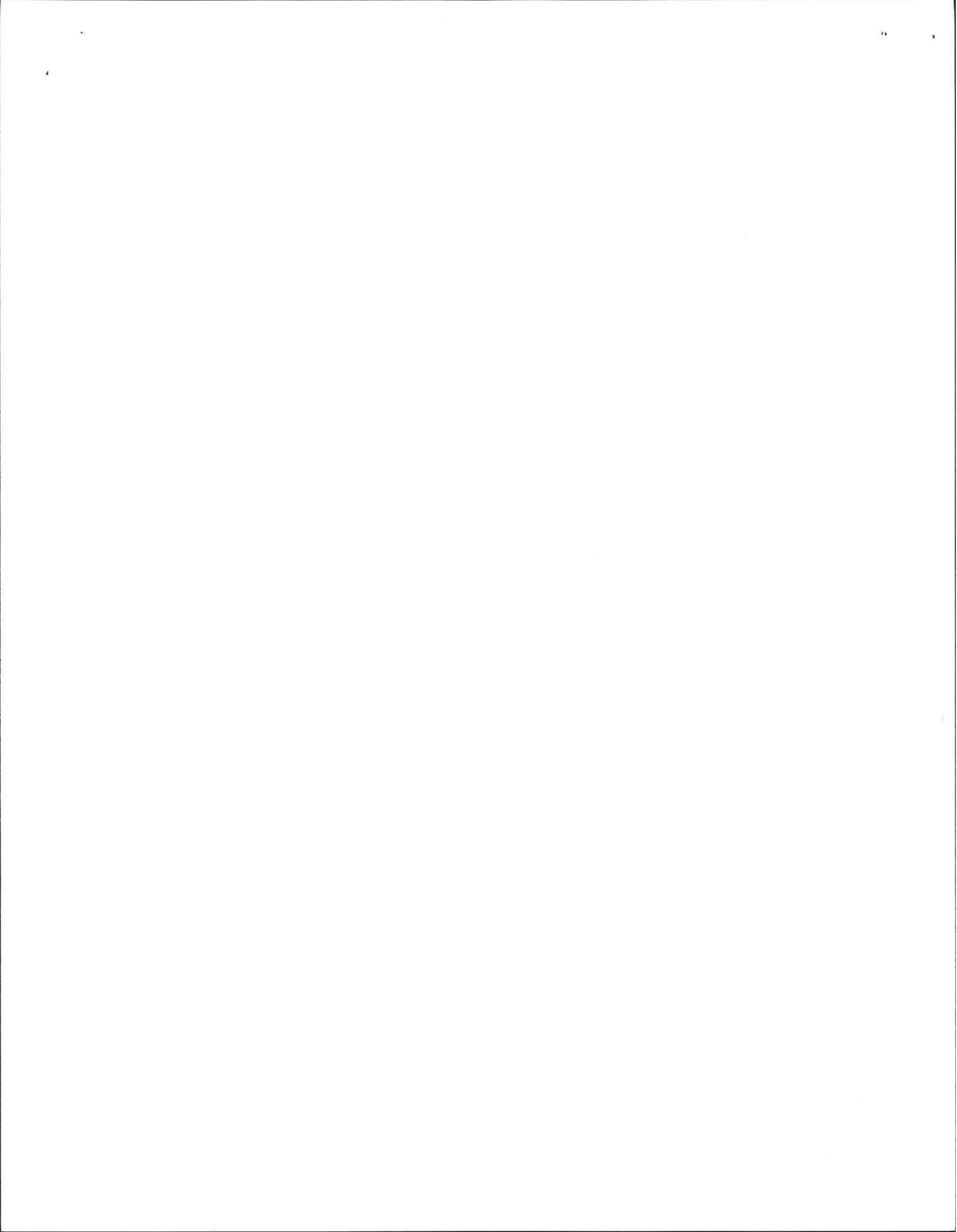
Wetlands Conservancy Program Map (map unit)

Current Water Resource Conditions (USGS): Month

Range :Above Normal  Normal  Below Normal

Other References Reviewed:





Location Address or Lot No. 689 NORTHEAST ST

On-site Review

Deep Hole Number TP-1 Date: 8/25/99 Time: 10:00 Weather SUN 80°F

Location (identify on site plan) \_\_\_\_\_

Land Use Rural Resid. Slope (%) 2 Surface Stones Few

Vegetation grasses

Landform Terrace

Position on landscape (sketch on the back)

Distances from:

Open Water Body 100'+ feet      Drainage way 100'+ feet  
 Possible Wet Area 100'+ feet      Property Line 30' feet  
 Drinking Water Well 100'+ 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)
0-30"	A+B mixed	FSL	2.5Y 3/2		Loose. Friable
30"-104"	C <sub>1</sub>	S	2.5Y 5/4	STRONG e 46" 2.5YR 2.5/1	C. SAND w / 15% Cabbles Loose. Some med. sand.

\* MINIMUM OF 2 HOLES REQUIRED AT EVERY PROPOSED DISPOSAL AREA

Parent Material (geologic) OUTWASH      Depth to Bedrock: 104"

Depth to Groundwater: Standing Water in the Hole: 30"      Weeping from Pit Face: 80"

Estimated Seasonal High Ground Water: 46"





FORM 12 - PERCOLATION TEST

Location Address or Lot No. 689 Northeast St.

COMMONWEALTH OF MASSACHUSETTS

Amherst, Massachusetts

Percolation Test*		
Date:	<u>8/25/99</u>	Time: <u>10:00</u>
Observation Hole #		
Depth of Perc	<u>48"</u>	
Start Pre-soak	<u>10:24</u>	
End Pre-soak	<u>10:26</u>	
Time at 12"	↓	
Time at 9"		
Time at 6"		<u>10:28</u>
Time (9"-6")	<u>&lt; 2 min</u>	
Rate Min./Inch	<u>&lt; 2 min/in.</u>	

\* Minimum of 1 percolation test must be performed in both the primary area AND reserve area.

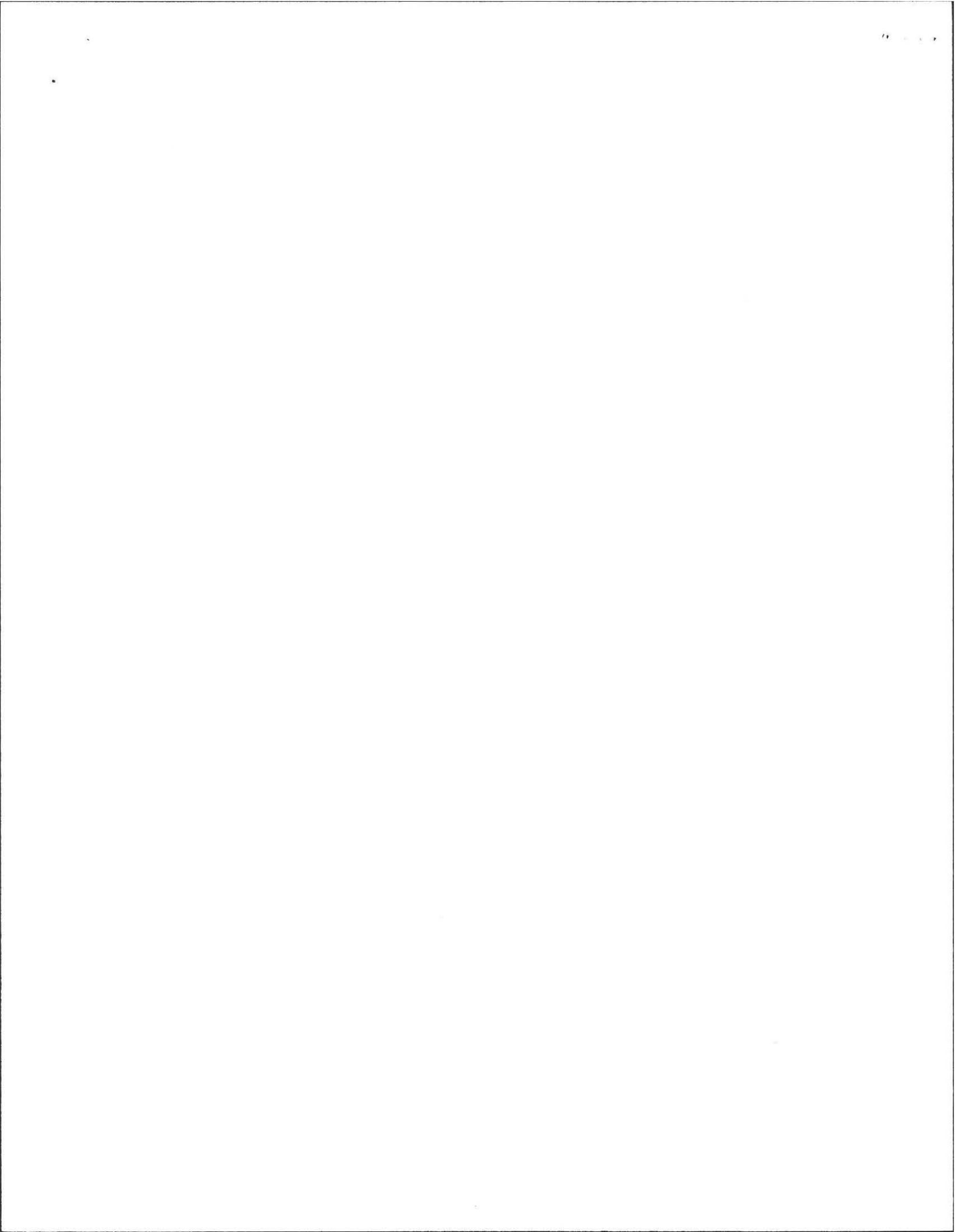
Site Passed  Site Failed

Performed By: A. Weiss

Witnessed By: D. ZAROZINSKI

Comments:





Location Address or Lot No. 689 Northeast St.

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 46" inches
- Ground water adjustment \_\_\_\_\_ feet

Index Well Number \_\_\_\_\_ Reading Date \_\_\_\_\_ Index well level \_\_\_\_\_

Adjustment factor \_\_\_\_\_ Adjusted ground water level \_\_\_\_\_

Depth of Naturally Occurring Pervious Material

Does at least four feet of naturally occurring pervious material exist in all areas observed throughout the area proposed for the soil absorption system? Yes

If not, what is the depth of naturally occurring pervious material? \_\_\_\_\_

Certification

I certify that on June (date) I have passed the soil evaluator examination approved by the Department of Environmental Protection and that the above analysis was performed by me consistent with the required training, expertise and experience described in 310 CMR 15.017.

Signature Alc Date 8/25/99







