

367 FLAT HILLS



**TITLE 5  
OFFICIAL INSPECTION FOR - NOT FOR VOLUNTARY ASSESSMENTS  
SUBSURFACE SEWAGE DISPOSAL SYSTEM FORM  
PART A  
CERTIFICATION**

**Property Address:** 367 Flat Hills Road, Amhrest , MA

**Owner's Name:** Christine Manter and Cheryl Hall

**Owner's Address:** 367 Flat Hills Road  
Amherst, MA 01002

**Date of Inspection:** May 18, 2001

**Name of Inspector:** Alan E. Weiss, R.S # 933

**Company Name:** Cold Spring Environmental Inc.

**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

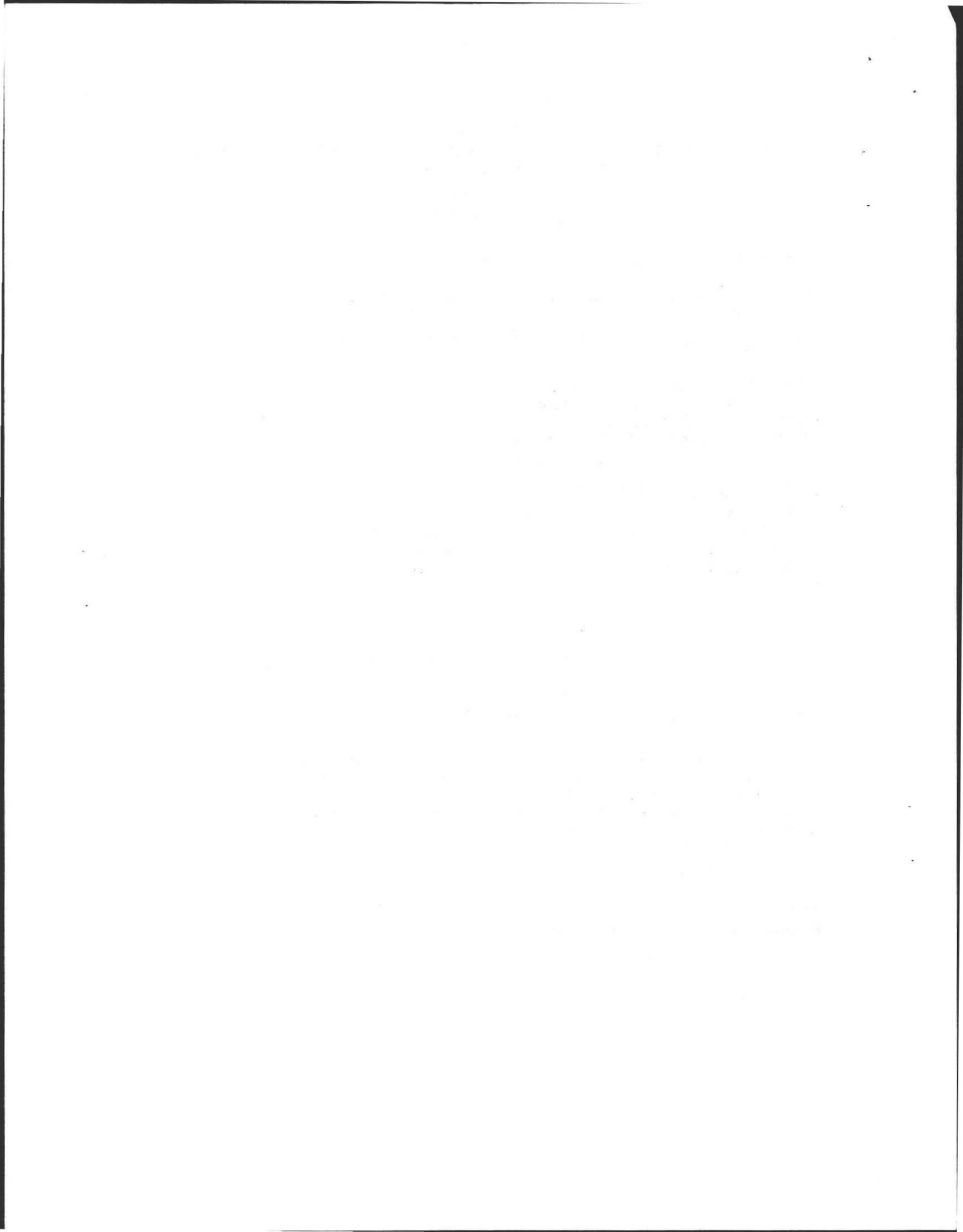
**Inspector's Signature:**  **Date:** May 18, 2001

The system inspector shall submit a copy of this inspection report to the Approving Authority (Board of Health or DEP) within 30 days of completing this inspection. If the system is a shared system or has a design flow of 10,000 gpd or greater, the inspector and the system owner shall submit the report to the appropriate regional office of the DEP. The original should be sent to the system owner and copies sent to the buyer, if applicable, and the approving authority.

Notes and Comments

**System is functioning fine. New Septic system Installed in 1994  
Pumping every two years is recommended.**

**\*\*\*\*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: 367 Flat Hills

Owner: Master / Hall

Date of Inspection: 5/14/01

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

A. System Passes:

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

Comments:

Good Dist. Good levels

B. System Conditionally Passes:

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

Answer yes, no or not determined (Y,N,ND) in the \_\_\_\_\_ for the following statements. If "not determined" please explain.

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

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

ND explain:

\_\_\_\_\_ Observation of sewage backup or break out or high static water level in the distribution box due to broken or obstructed pipe(s) or due to a broken, settled or uneven distribution box. System will pass inspection if (with approval of Board of Health):

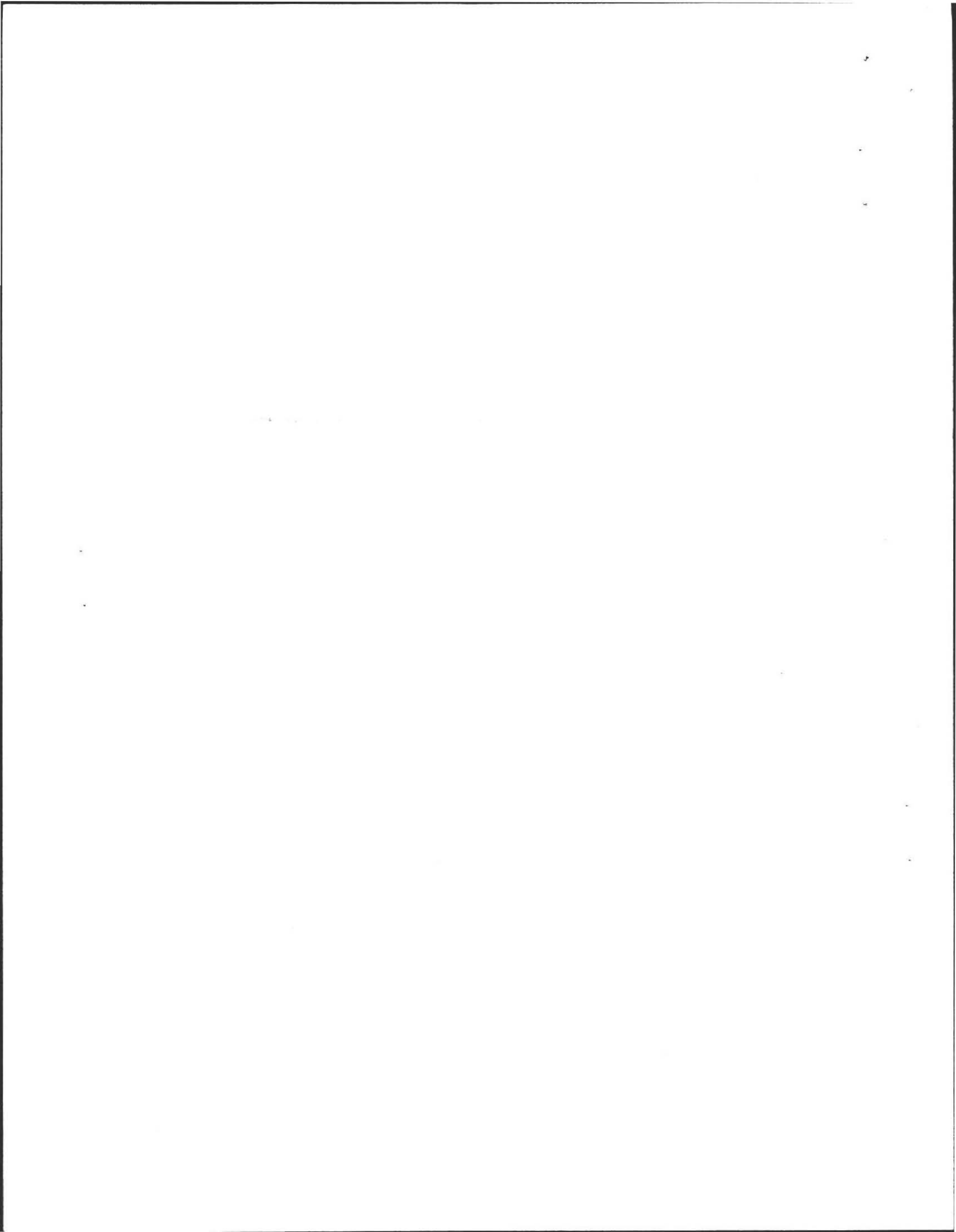
- \_\_\_\_\_ broken pipe(s) are replaced
- \_\_\_\_\_ obstruction is removed
- \_\_\_\_\_ distribution box is leveled or replaced

ND explain:

\_\_\_\_\_ The system required pumping more than 4 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

ND explain:



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

Property Address: 367 Flat Hills

Owner: Manter/Hall

Date of Inspection: 5/18/01

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 public health, safety or the environment.

1. 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

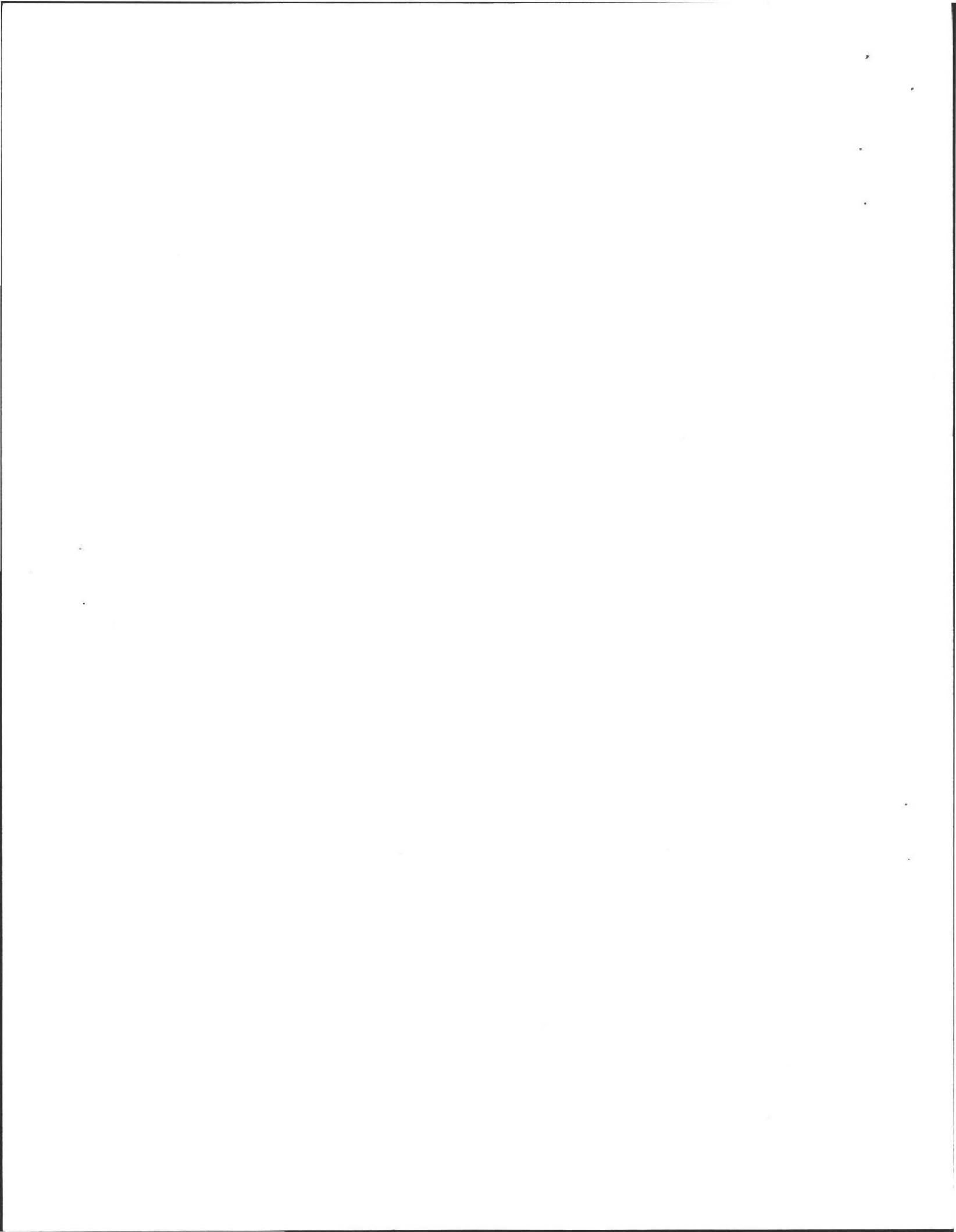
2. System will fail unless the Board of Health (and Public Water Supplier, if any) determines that the system is functioning in a manner that protects the public health, safety and environment:

- 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:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_





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

Property Address: 367 Flat HillsOwner: Manter HallDate of Inspection: 5/15/01**D. System Failure Criteria applicable to all systems:**You must indicate "yes" or "no" to each of the following for all inspections:

- |                          |                                     |   |
|--------------------------|-------------------------------------|---|
| Yes                      | No                                  |   |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Backup of sewage into facility or system component due to overloaded or clogged SAS or cesspool   |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Discharge or ponding of effluent to the surface of the ground or surface waters due to an overloaded or clogged SAS or cesspool   |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Static liquid level in the distribution box above outlet invert due to an overloaded or clogged SAS or cesspool   |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Liquid depth in cesspool is less than 6" below invert or available volume is less than ½ day flow   |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Required pumping more than 4 times in the last year <u>NOT</u> due to clogged or obstructed pipe(s). Number of times pumped _____   |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Any portion of the SAS, cesspool or privy is below high ground water elevation.   |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Any portion of cesspool or privy is within 100 feet of a surface water supply or tributary to a surface water supply.   |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Any portion of a cesspool or privy is within a Zone 1 of a public well.   |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Any portion of a cesspool or privy is within 50 feet of a private water supply well.  |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Any portion of a cesspool or privy is less than 100 feet but greater than 50 feet from a private water supply well with no acceptable water quality analysis. [This system passes <del>if the well water analysis</del> , 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.] |

No (Yes/No) The system fails. I have determined that one or more of the above failure criteria exist as described in 310 CMR 15.303, therefore the system fails. The system owner should contact the Board of Health to determine what will be necessary to correct the failure.

**E. Large Systems:**

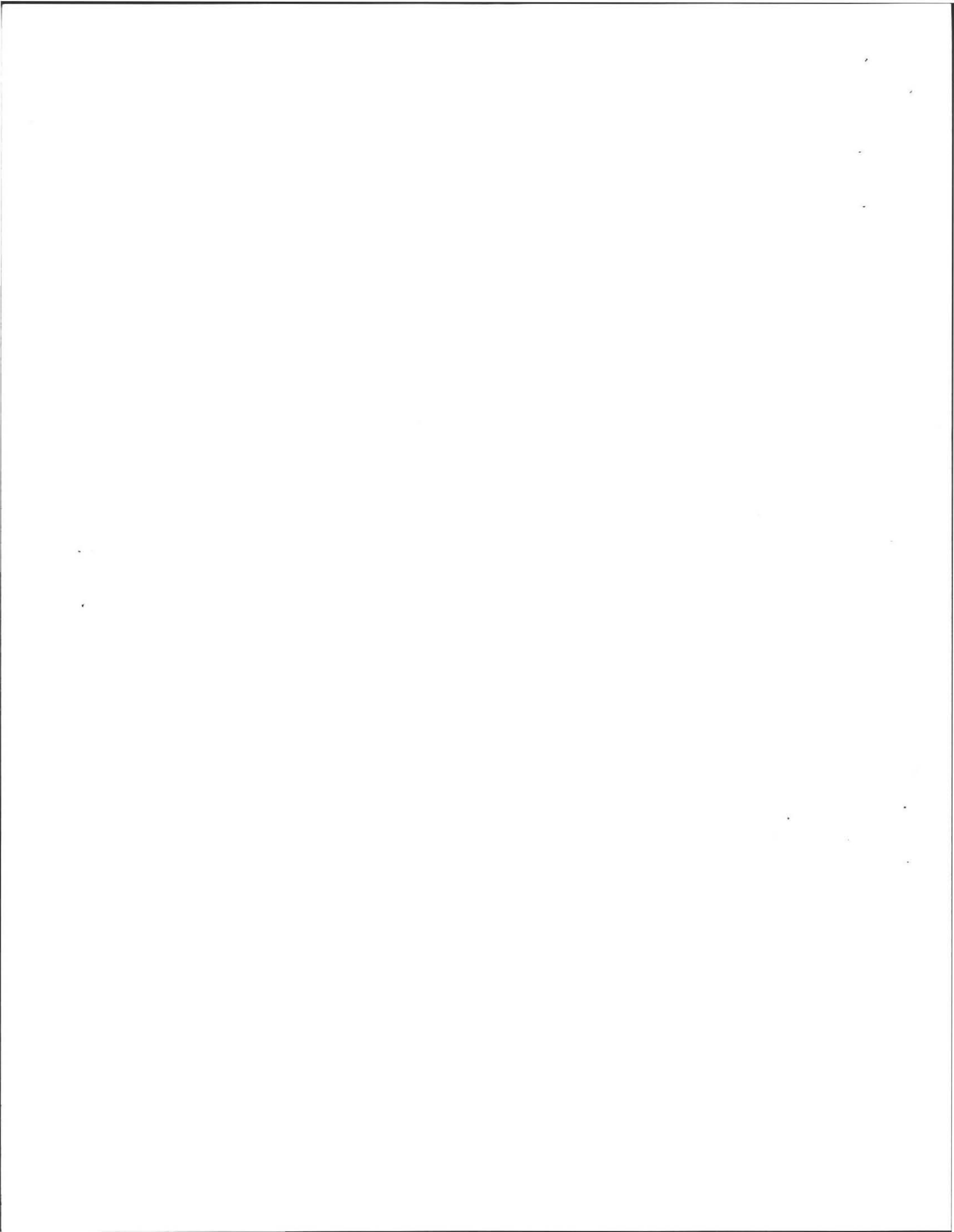
To be considered a large system the system must serve a facility with a design flow of 10,000 gpd to 15,000 gpd.

You must indicate either "yes" or "no" to each of the following:

(The following criteria apply to large systems in addition to the criteria above)

- |                          |                          |  |
|--------------------------|--------------------------|--|
| yes                      | no                       |  |
| <input type="checkbox"/> | <input type="checkbox"/> | the system is within 400 feet of a surface drinking water supply   |
| <input type="checkbox"/> | <input type="checkbox"/> | the system is within 200 feet of a tributary to a surface drinking water supply  |
| <input type="checkbox"/> | <input type="checkbox"/> | the system is located in a nitrogen sensitive area (Interim Wellhead Protection Area – IWPA) or a mapped Zone II of a public water supply well |

If you have answered "yes" to any question in Section E the system is considered a significant threat, or answered "yes" in Section D above the large system has failed. The owner or operator of any large system considered a significant threat under Section E or failed under Section D shall upgrade the system in accordance with 310 CMR 15.304. The system owner should contact the appropriate regional office of the Department.



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

Property Address: 367 Flat Hills

Owner: Manter/Hall

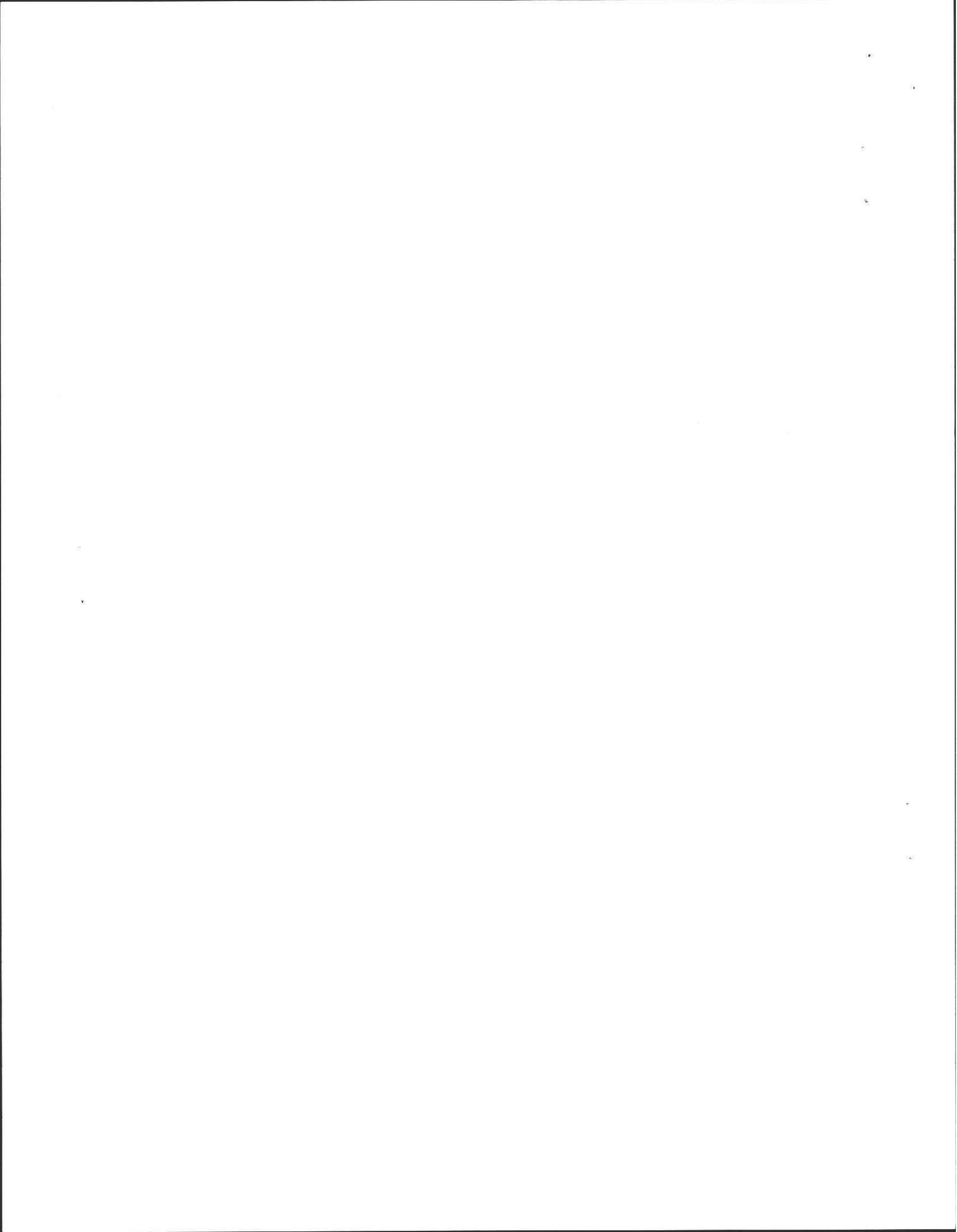
Date of Inspection: \_\_\_\_\_

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

- | Yes                                 | No                                  |   |
|-------------------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Pumping information was provided by the owner, occupant, or Board of Health   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Were any of the system components pumped out in the previous two weeks?   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Has the system received normal flows in the previous two week period?   |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Have large volumes of water been introduced to the system recently or as part of this inspection?   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Were as built plans of the system obtained and examined? (If they were not available note as N/A)   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Was the facility or dwelling inspected for signs of sewage back up?   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Was the site inspected for signs of break out?  |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Were all system components, excluding the SAS, located on site?   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 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? |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 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                       |   |
|-------------------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Existing information. For example, a plan at the Board of Health.   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 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)] |



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

Property Address: 367 Flat Hills

Owner: Master Hall

Date of Inspection: 5/18/01

FLOW CONDITIONS

RESIDENTIAL

Number of bedrooms (design): 4 Number of bedrooms (actual): 4  
DESIGN flow based on 310 CMR 15.203 (for example: 110 gpd x # of bedrooms): 440 / 594

Number of current residents: 3  
Does residence have a garbage grinder (yes or no): No  
Is laundry on a separate sewage system (yes or no): No [if yes separate inspection required]

Laundry system inspected (yes or no): -  
Seasonal use: (yes or no): No  
Water meter readings, if available (last 2 years usage (gpd)): N/A

Sump pump (yes or no): Yes  
Last date of occupancy: current

COMMERCIAL/INDUSTRIAL

Type of establishment: N/A  
Design flow (based on 310 CMR 15.203): \_\_\_\_\_ gpd  
Basis of design flow (seats/persons/sqft, etc.): \_\_\_\_\_  
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/use: \_\_\_\_\_

OTHER (describe): \_\_\_\_\_

GENERAL INFORMATION

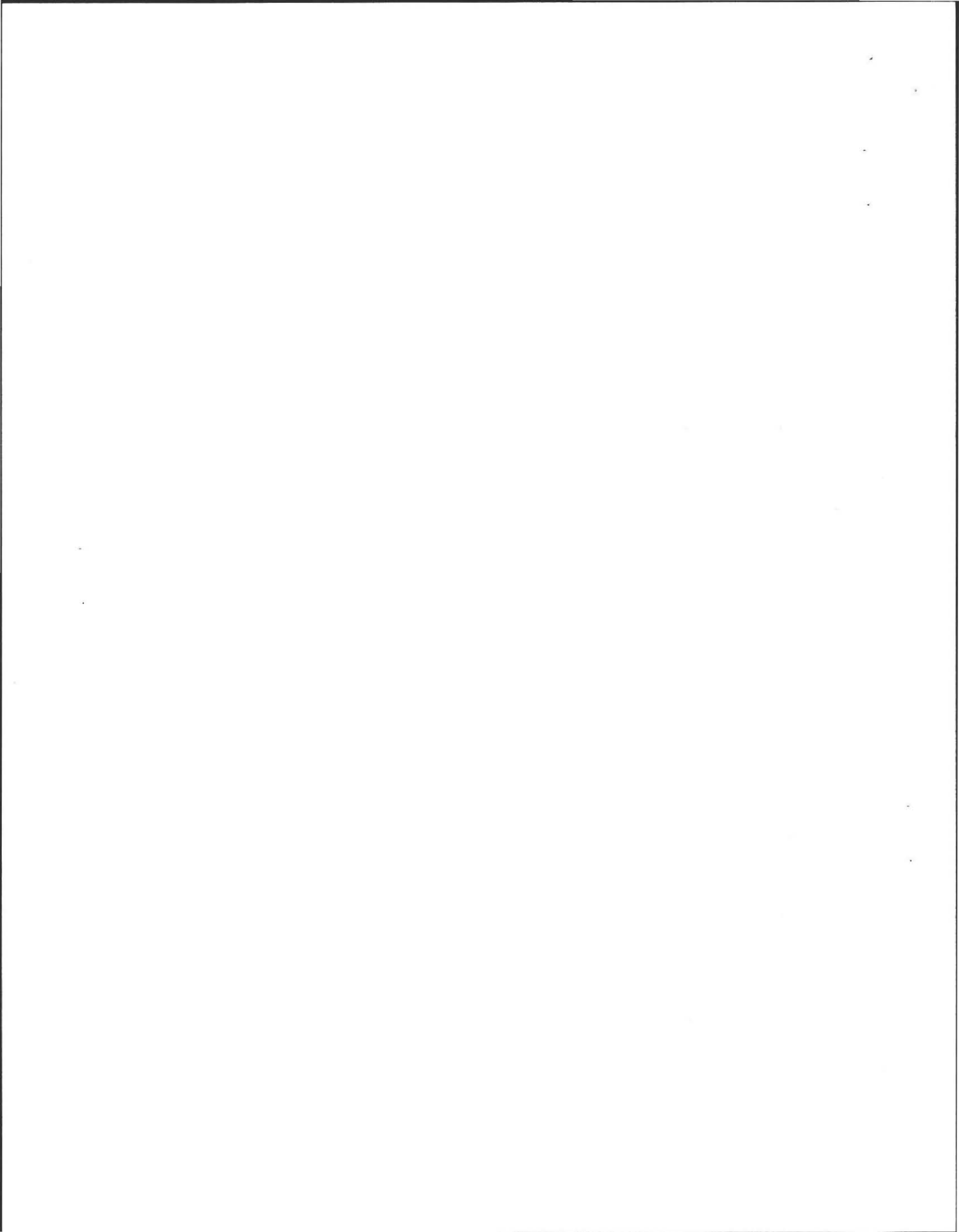
Pumping Records  
Source of information: Owner 1-2 yrs  
Was system pumped as part of the inspection (yes or no): Yes  
If yes, volume pumped: 1000 gallons -- How was quantity pumped determined? \_\_\_\_\_  
Reason for pumping: Request

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:  
7 years

Were sewage odors detected when arriving at the site (yes or no): No



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

Property Address: 367 Flat Hills

Owner: Manter Hall

Date of Inspection: 5/18/01

BUILDING SEWER (locate on site plan)

Depth below grade: 10"

Materials of construction: cast iron  40 PVC  other (explain): \_\_\_\_\_

Distance from private water supply well or suction line: 10'

Comments (on condition of joints, venting, evidence of leakage, etc.):  
\_\_\_\_\_

SEPTIC TANK: Ys (locate on site plan)

Depth below grade: 10"

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: 8.5' x 4.5' x 4.5'

Sludge depth: 6"

Distance from top of sludge to bottom of outlet tee or baffle: 34"

Scum thickness: 4"

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: 10"

How were dimensions determined: MEASURED

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

GREASE TRAP: \_\_\_\_ (locate on site plan)

Depth below grade: \_\_\_\_

Material of construction:  concrete  metal  fiberglass  polyethylene  other (explain): \_\_\_\_\_

Dimensions: \_\_\_\_\_

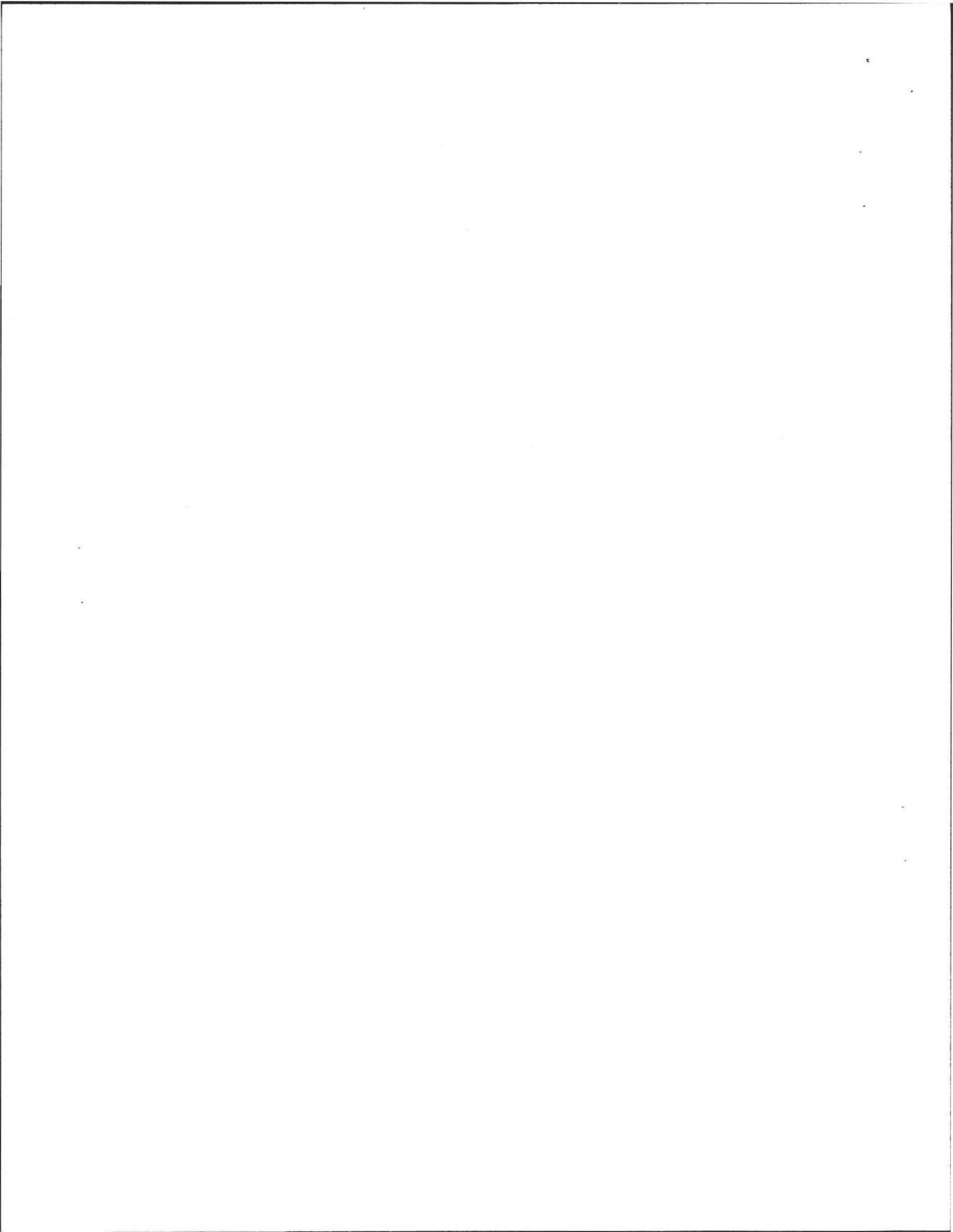
Scum thickness: \_\_\_\_\_

Distance from top of scum to top of outlet tee or baffle: \_\_\_\_\_

Distance from bottom of scum to bottom of outlet tee or baffle: \_\_\_\_\_

Date of last pumping: \_\_\_\_\_

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





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

Property Address: 367 Flat Hills

Owner: Master Hall

Date of Inspection: 5/12/01

TIGHT or HOLDING TANK: N (tank must be pumped at time of inspection)(locate on site plan)

Depth below grade: \_\_\_\_\_

Material of construction: \_\_\_ concrete \_\_\_ metal \_\_\_ fiberglass \_\_\_ polyethylene \_\_\_ other(explain):

Dimensions: \_\_\_\_\_

Capacity: \_\_\_\_\_ gallons

Design Flow: \_\_\_\_\_ gallons/day

Alarm present (yes or no): \_\_\_\_\_

Alarm level: \_\_\_\_\_ Alarm in working order (yes or no): \_\_\_\_\_

Date of last pumping: \_\_\_\_\_

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

\_\_\_\_\_  
\_\_\_\_\_

DISTRIBUTION BOX: Y (if present must be opened)(locate on site plan)

Depth of liquid level above outlet invert: at invert

Comments (note if box is level and distribution to outlets equal, any evidence of solids carryover, any evidence of leakage into or out of box, etc.):

Good Distribution - No Carry over

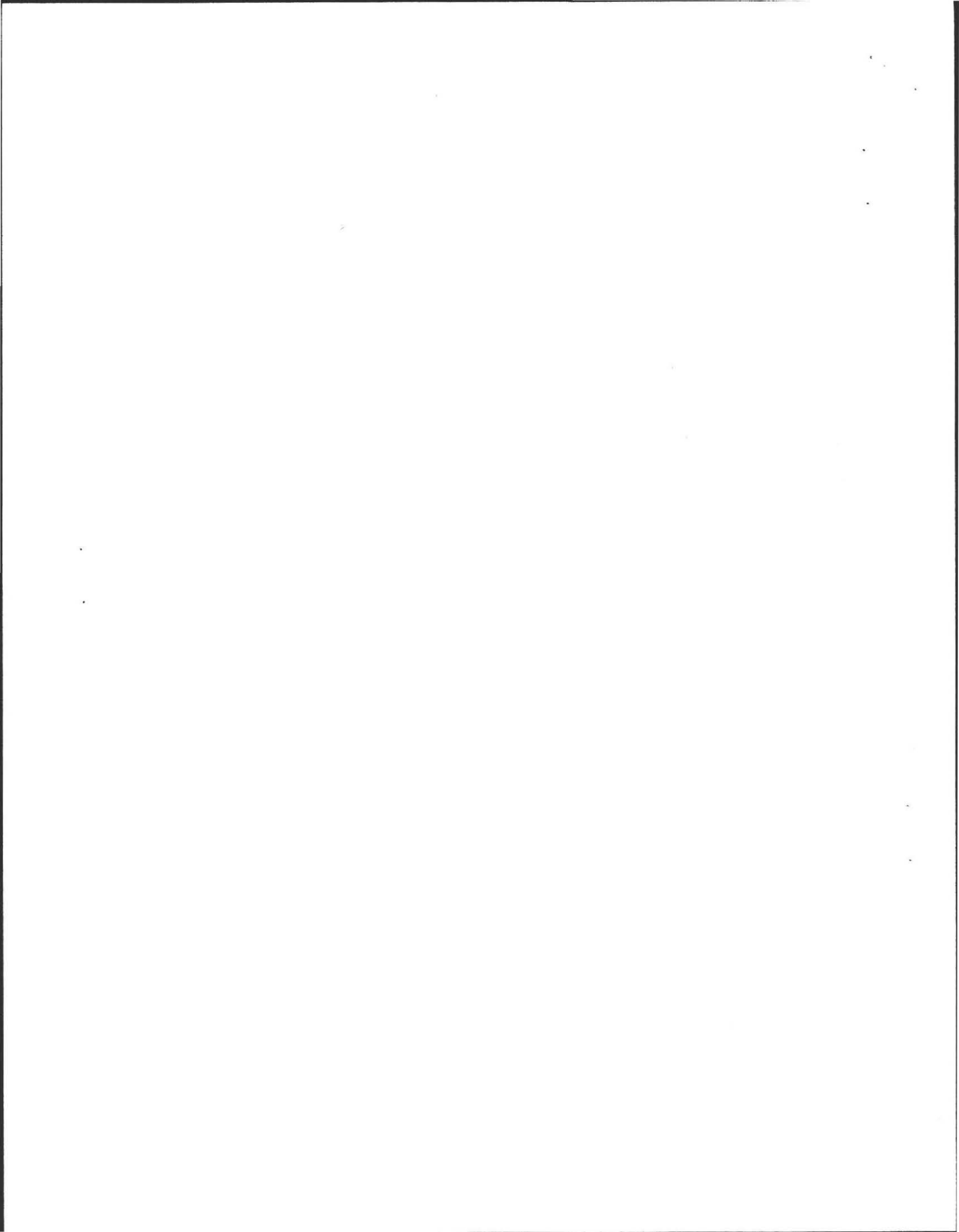
PUMP CHAMBER: N (locate on site plan)

Pumps in working order (yes or no): \_\_\_\_\_

Alarms in working order (yes or no): \_\_\_\_\_

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

\_\_\_\_\_  
\_\_\_\_\_



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

Property Address: 367 First Hills

Owner: Master/Hall

Date of Inspection: 5/18/01

SOIL ABSORPTION SYSTEM (SAS): Y (locate on site plan, excavation not required)

If SAS not located explain why:  
No Sign of Failure

Type

- leaching pits, number: \_\_\_\_\_
- leaching chambers, number: \_\_\_\_\_
- leaching galleries, number: \_\_\_\_\_
- leaching trenches, number, length: \_\_\_\_\_
- leaching fields, number, dimensions: 36' x 50'
- overflow cesspool, number: \_\_\_\_\_
- innovative/alternative system Type/name of technology: \_\_\_\_\_

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

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

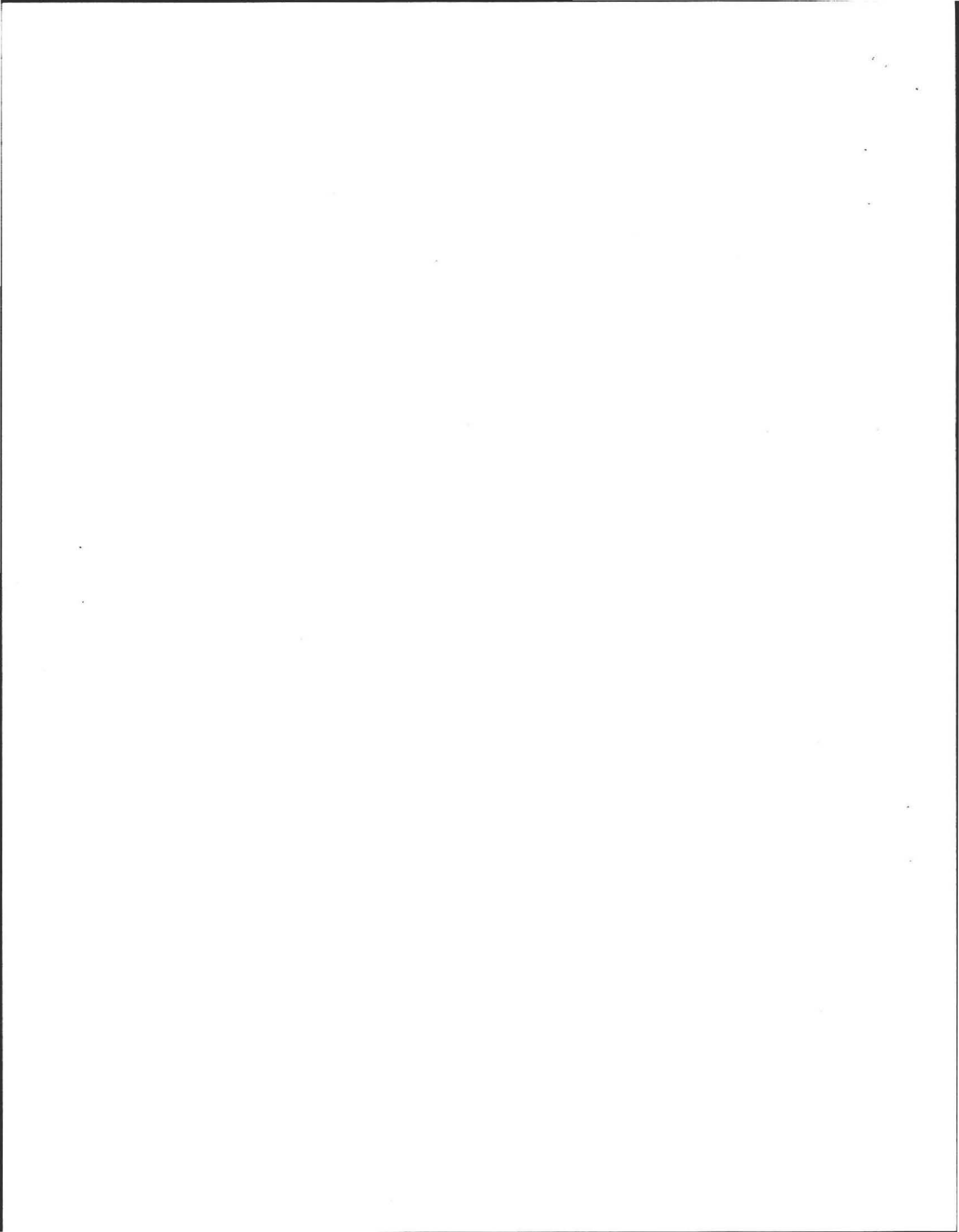
- Number and configuration: \_\_\_\_\_
- Depth - top of liquid to inlet invert: \_\_\_\_\_
- Depth of solids layer: \_\_\_\_\_
- Depth of scum layer: \_\_\_\_\_
- Dimensions of cesspool: \_\_\_\_\_
- Materials of construction: \_\_\_\_\_
- Indication of groundwater inflow (yes or no): \_\_\_\_\_

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

PRIVY: N (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.):



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

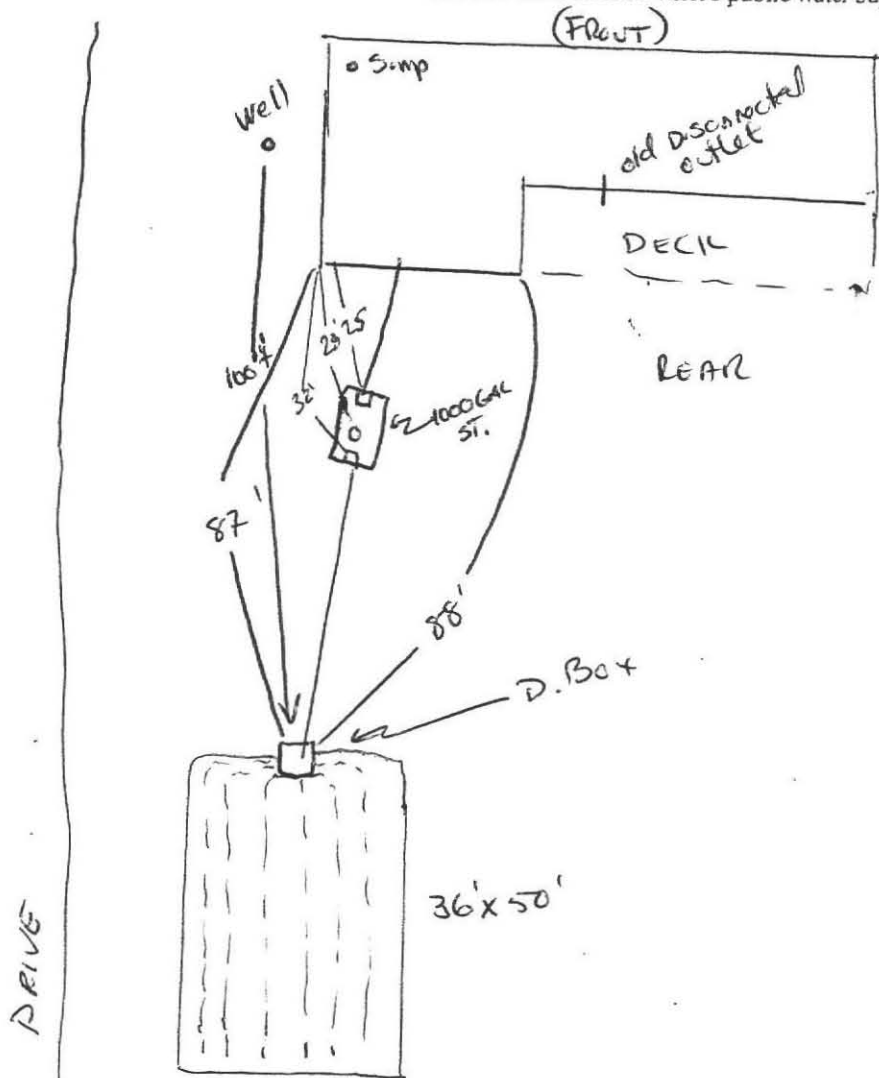
Property Address: 367 Flat Hills

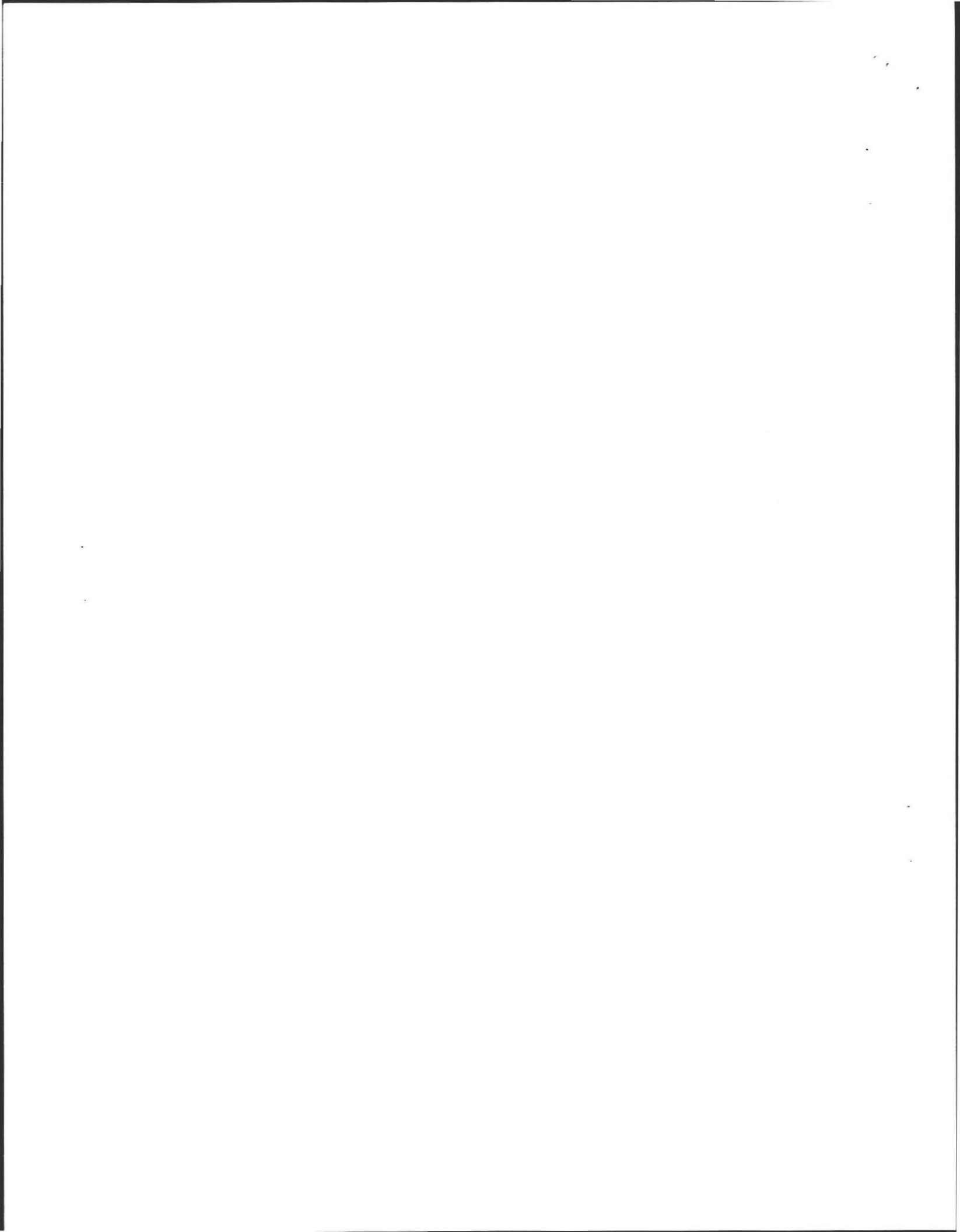
Owner: Monter Hall

Date of Inspection: 5/19/01

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.





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

SYSTEM INFORMATION (continued)

Property Address: 367 Flat Hills

Owner: Master/Hall

Date of Inspection: 5/18/01

SITE EXAM

- Slope
- Surface water
- Check cellar
- Shallow wells

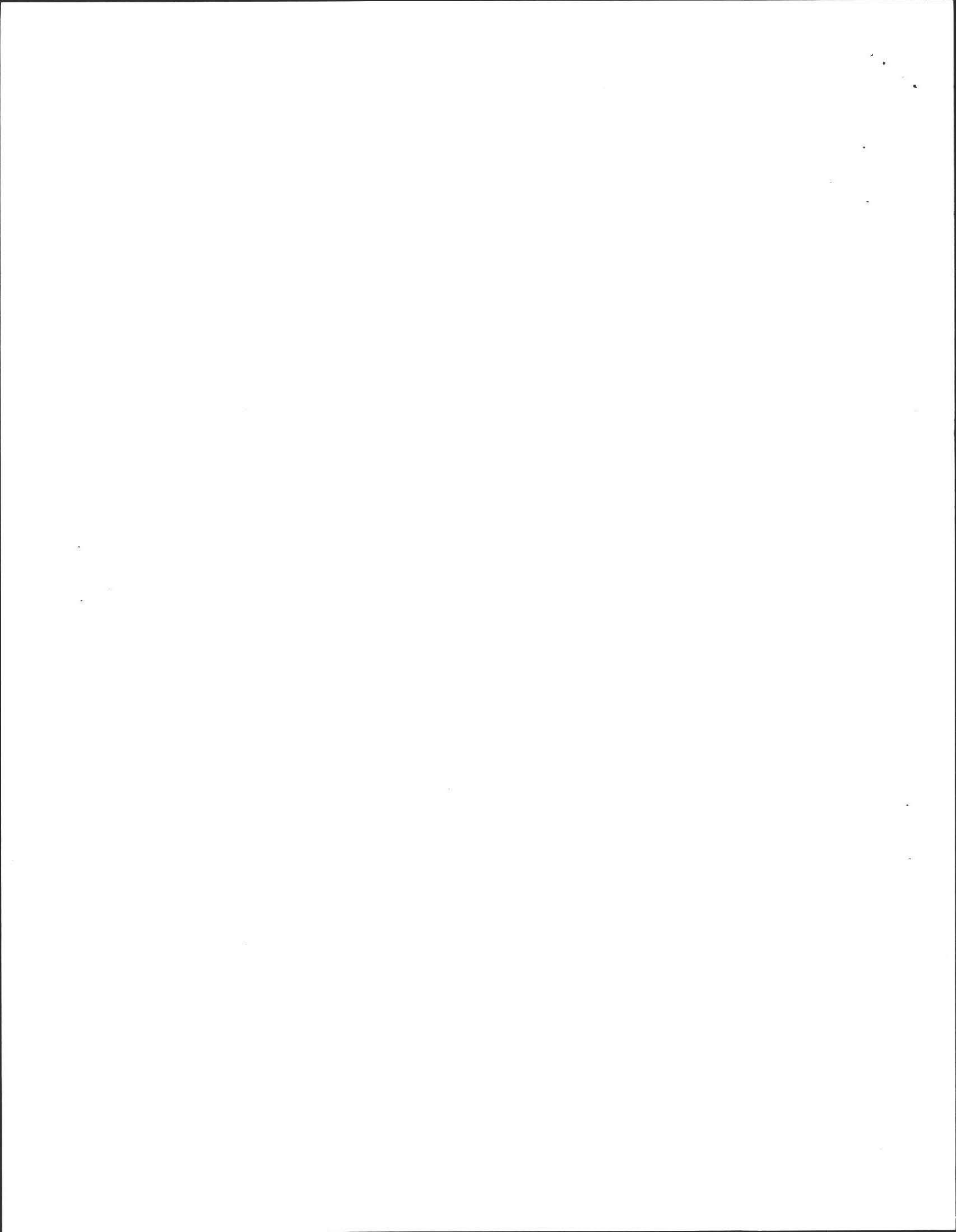
Estimated depth to ground water 5' ± feet

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:

1994 perc / Deep hole, Veg. + Tolo, water in cellar on worst conditions.

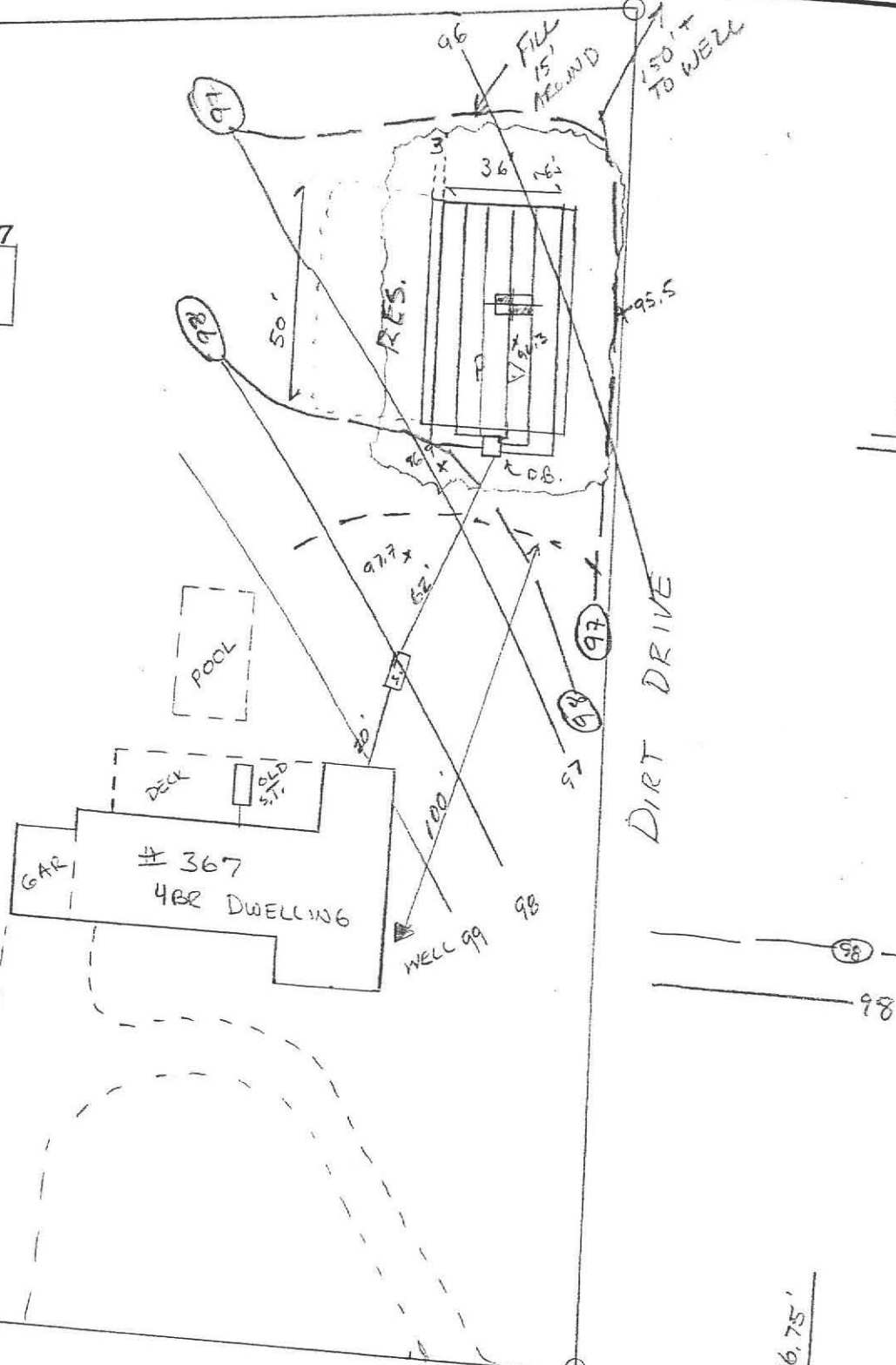




COLD SPRING  
 ENVIRONMENTAL, INC.  
 350 OLD ENFIELD RD.  
 BELCHERTOWN, MA 01007

EARN

PLAN



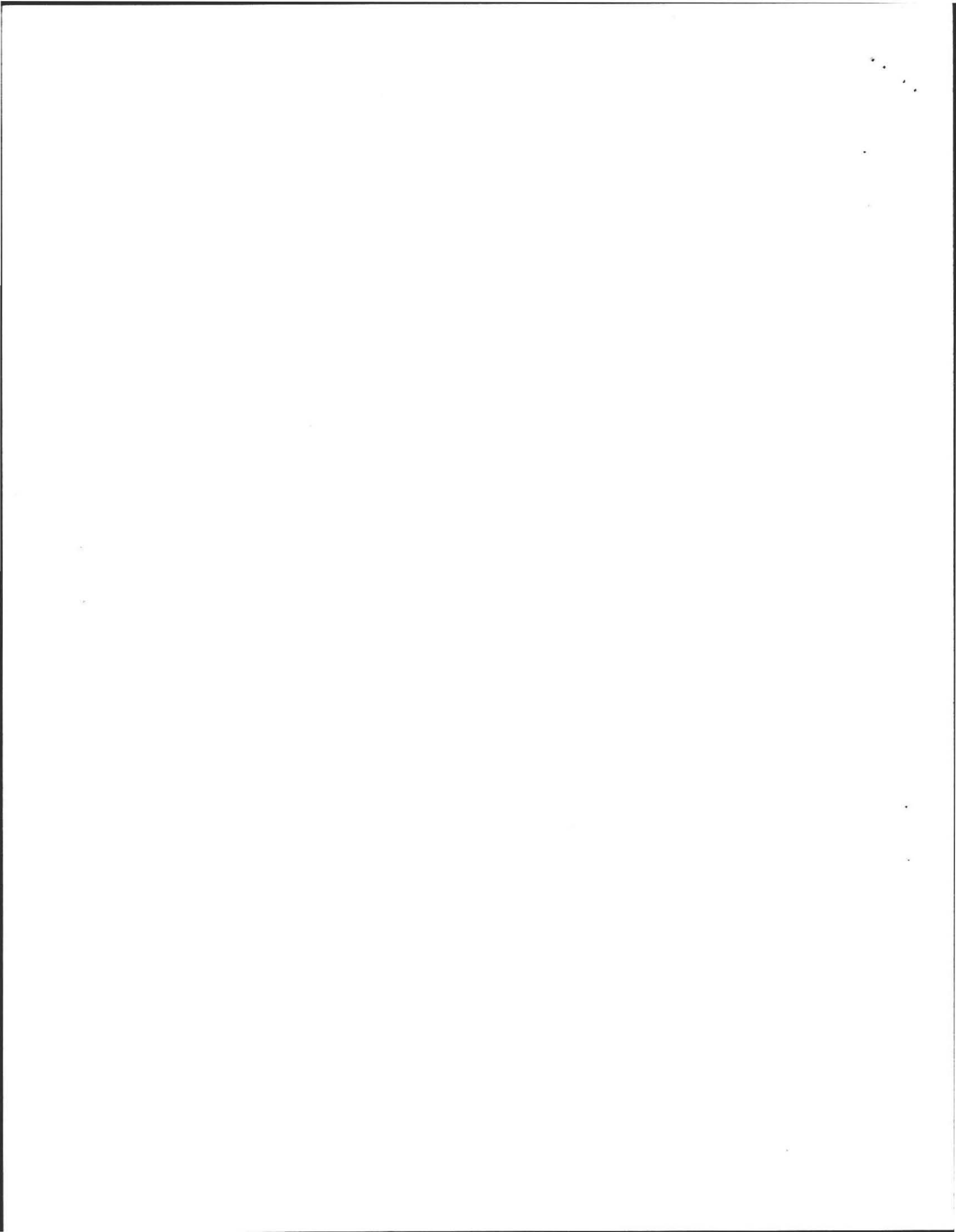
FLAT HILLS ROAD

ENFIELD IN 95.45'  
D.B. OUT 95.55'  
D.B. IN 95.75'

S.T. OUT 96.75'

COLD SPRING  
 ENVIRONMENTAL, INC.  
 350 OLD ENFIELD RD.  
 BELCHERTOWN, MA 01007





No. ....

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:

367 FLAT HILLS RD.

Location - Address CHERYL HALL + CHRIS MANTER or Lot No.

Owner

Address

Installer Address Size Lot 83,000 +/- Sq. feet

Type of Building Dwelling - No. of Bedrooms 4 Expansion Attic ( ) Garbage Grinder (N) \*REMOVE

Other - Type of Building RES No. of persons 4 Showers ( ) - Cafeteria ( )

Other fixtures

Design Flow 55 gallons per person per day. Total daily flow 594 gallons.

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

Disposal Trench - No. 1 Width 36" Total Length 50' Total leaching area 1800 sq. ft.

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

Other Distribution box (X) Dosing tank ( )

Percolation Test Results Performed by A. WEISS Date 6/7/94

Test Pit No. 1 20 minutes per inch Depth of Test Pit 10' Depth to ground water 9'

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

Description of Soil F.C. SANDY TILL, SOME COBBLES + SILT, tr. clay, moderately dense

Nature of Repairs or Alterations - Answer when applicable NEW S. TANK + 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

Application Approved By

Application Disapproved for the following reasons:

Permit No. Issued

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

OF

Certificate of Compliance

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

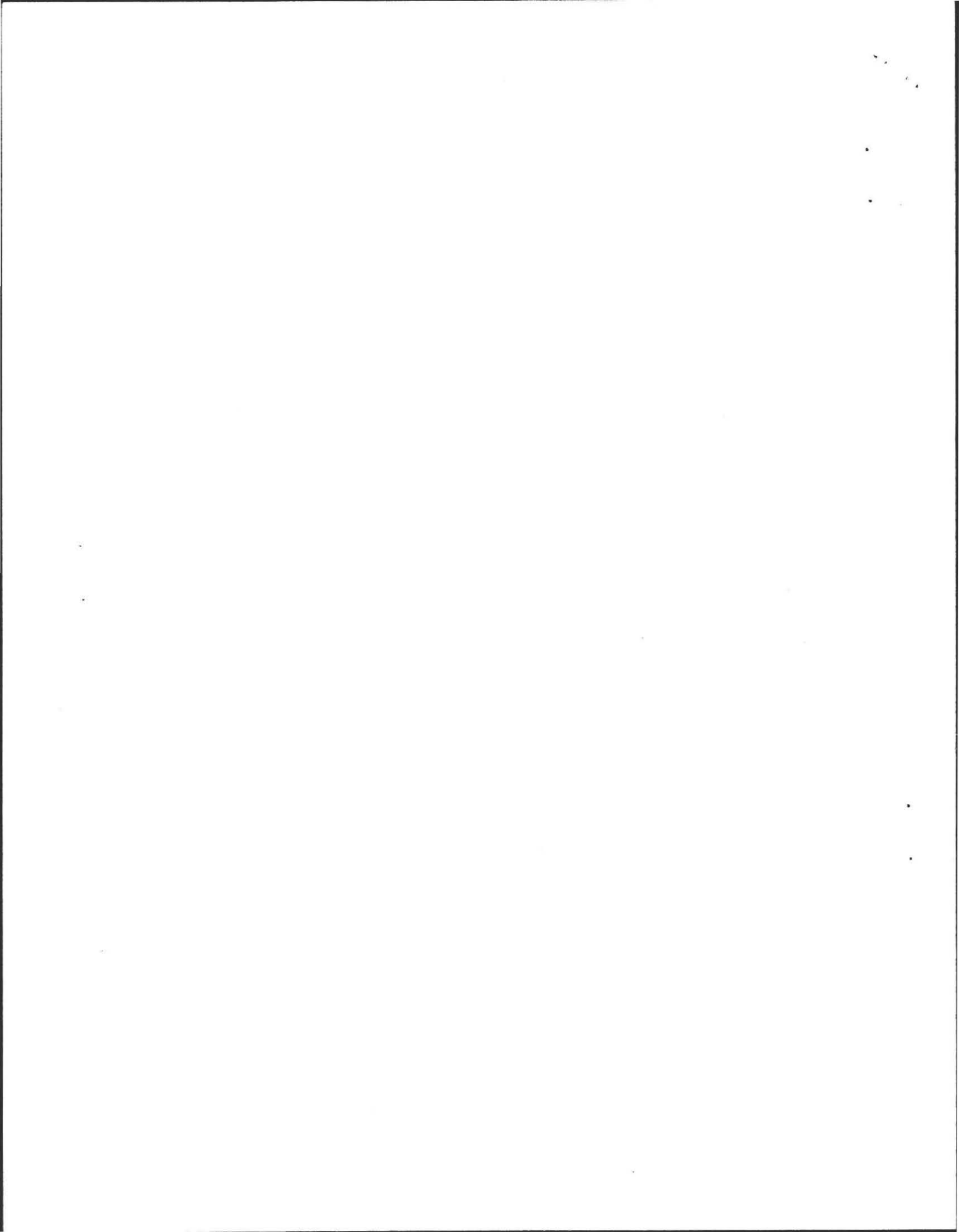
at

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

CHECK OR FILL IN WHERE APPLICABLE



#367

Cold Spring Env c4  
Pg 160  
593  
6/23/94

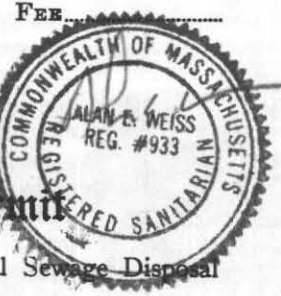
No. 94-9

SEPTIC TANK to be

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:

Location - Address: 367 FLAT HILLS RD.  
Owner: CHERYL HALL + CHRIS MANTER  
Installer: Charles Walker

Type of Building: Dwelling - No. of Bedrooms: 4  
Expansion Attic ( )  
Garbage Grinder (N) \*REMOVE  
Other - Type of Building: RES  
No. of persons: 4  
Showers ( ) - Cafeteria ( )

Design Flow: 55 gallons per person per day. Total daily flow: 594 gallons.  
Septic Tank - Liquid capacity: 1000 gallons. Length: 102". Width: 58". Diameter: 55".  
Disposal Trench - No. 1. Width: 36". Total Length: 50". Total leaching area: 1800 sq. ft.

Percolation Test Results: Performed by: A. WEISS Date: 6/7/94  
Test Pit No. 1: 20 minutes per inch. Depth of Test Pit: 10'. Depth to ground water: 9'.  
Test Pit No. 2: minutes per inch. Depth of Test Pit: Depth to ground water:

Description of Soil: F.C. SANDY TILL, SOME COBBLES + SILT, to clay, moderately dense

Nature of Repairs or Alterations - Answer when applicable: NEW S. TANK + 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: Christine Menter Date: 7/19/94

Application Approved By: \_\_\_\_\_ Date: \_\_\_\_\_

Application Disapproved for the following reasons: \_\_\_\_\_ Date: \_\_\_\_\_

Permit No. 94-9 Issued \_\_\_\_\_ Date: \_\_\_\_\_

M. G. C. 10/7/94

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

TOWN OF AmHERST

Certificate of Compliance

C. Weiss  
10/27/94  
A. WEISS RC

THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed ( ) or Repaired (X) by \_\_\_\_\_

at 367 FLAT HILLS ROAD 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. 94-9 dated \_\_\_\_\_

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

DATE: 10/8/94 Inspector: David Joyce

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

TOWN OF AmHERST

Disposal Works Construction Permit

Permission is hereby granted to Cheryl Hall + Chris Menter to Construct ( ) or Repair (X) an Individual Sewage Disposal System at No. 367 Flat Hills Road

as shown on the application for Disposal Works Construction Permit No. 94-9 Dated \_\_\_\_\_

DATE: \_\_\_\_\_ Board of Health

FEE: 160  
Pg Cold Spring Env  
6/23/94

1900



LIBRARY

1900

1900

1900

1900

1900

1900

1900

1900

TOWN OF AMHERST

PERC TEST DATA SHEET

NOT PG 15  
OF 617194  
pg 6/23/94

DATE 6/7/94 LOCATION 367 Flat Hills Road LOT SIZE 1/2 acre  
 OWNER Cheryl Hall ADDRESS 367 Flat Hills Rd TELE # 253-3812  
 P.E./RS Al Weiss FIRM Cold Springs Land OBSERVED BY D. Zarnowski  
 BACK HOE OPERATOR Charles Walker TELE 323-4407 BENCH MARK \_\_\_\_\_

PERC DEPTH \_\_\_\_\_ PRE SOAK TIME 9:18-9:23 PERC DEPTH \_\_\_\_\_ PRE SOAK TIME \_\_\_\_\_

TEST	<u>9:23</u>	<u>12"</u>	<u>10:18</u>	<u>8"</u>	_____	_____
	<u>9:31</u>	<u>11"</u>	<u>10:37</u>	<u>7"</u>	_____	_____
	<u>9:44</u>	<u>10"</u>	<u>10:57</u>	<u>6"</u>	_____	_____
	<u>9:59</u>	<u>9"</u>	_____	_____	_____	_____

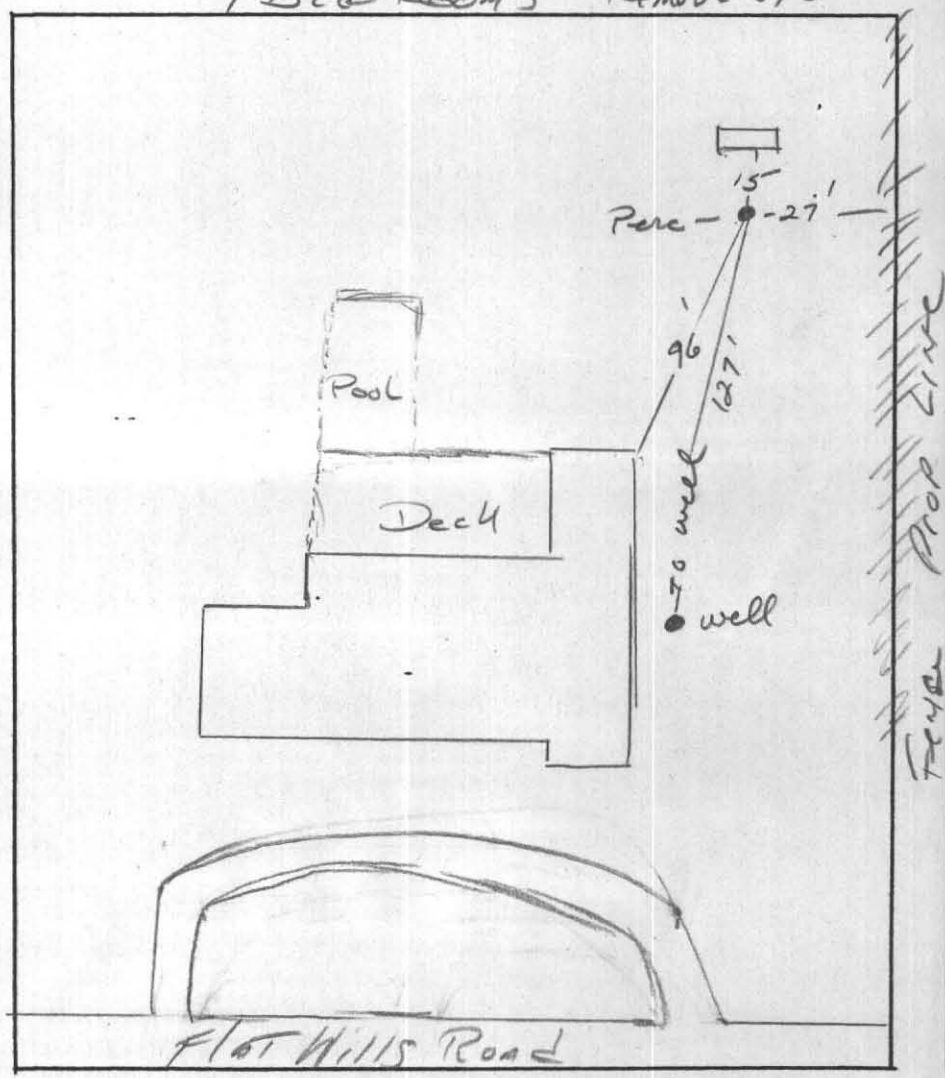
RATE (20) RATE \_\_\_\_\_

TOP	TOP
SUB <u>12"</u>	SUB
<u>Five to coarse sand</u> <u>scence</u> <u>9'</u>	
<u>water 10'</u>	

TOP	TOP
SUB	SUB

TOP	TOP
SUB	SUB

4 Bed Rooms Remove G/G

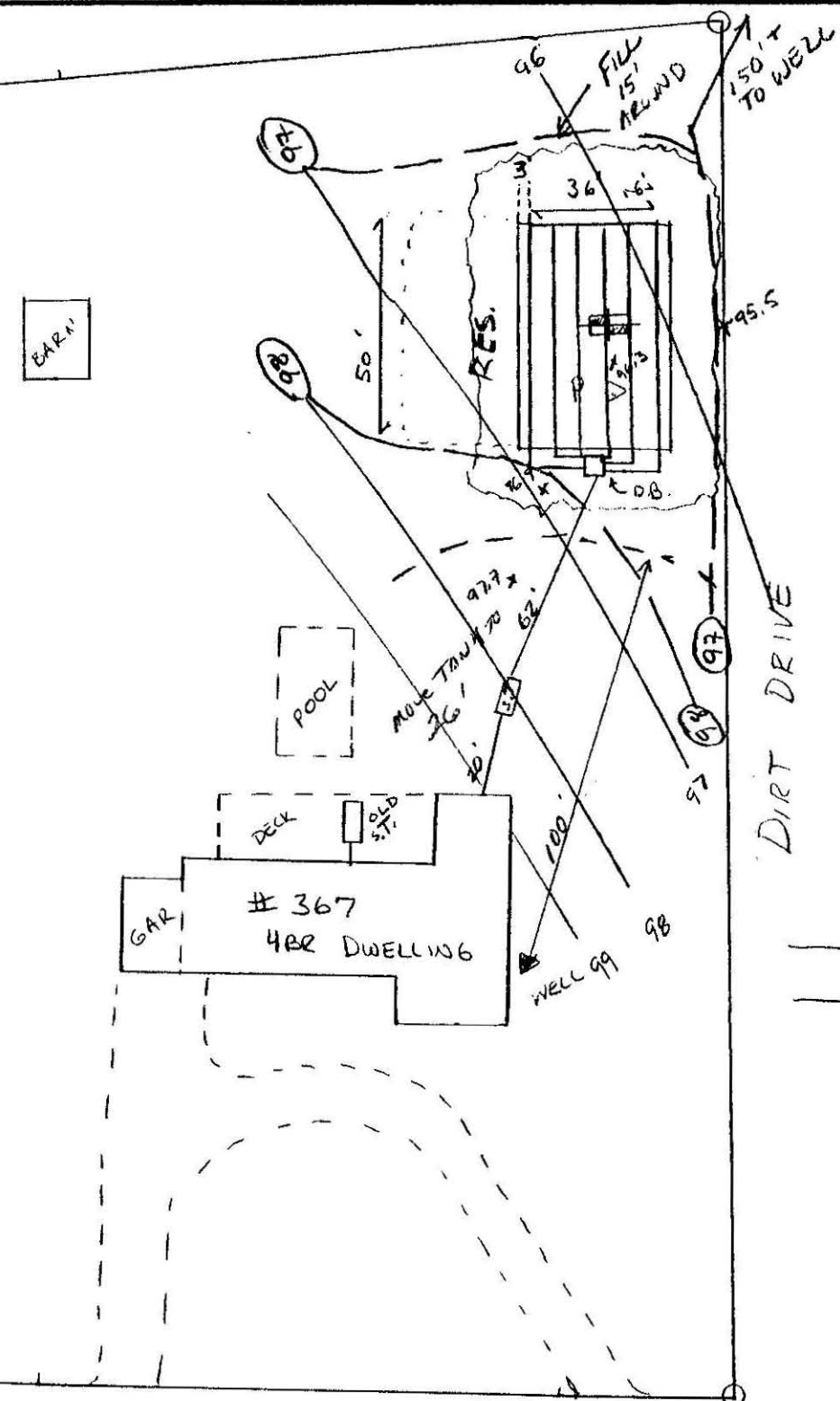






HIGH POINT DRIVE

PLOT PLAN  
1"=40'

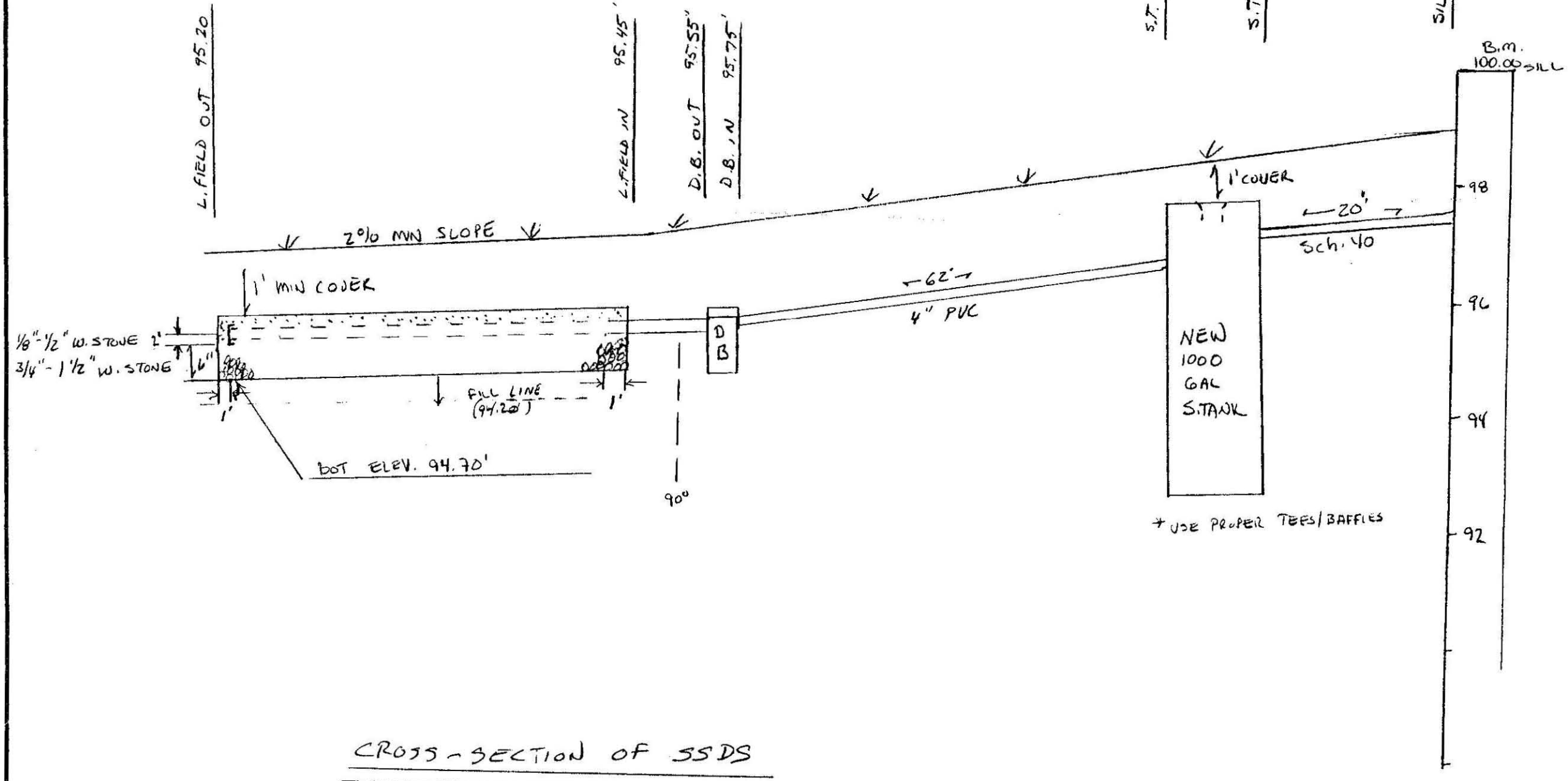


LEACH FIELD SPECS:

- \* USE 36' BY 50' LEACHFIELD WITH 6' PERF PIPE SPACING, 3' ON SIDES AND 1' STONE ON ENDS.
- FILL FROM 94.20' ELEV., 15' AROUND TO BOT. OF BED (STONE).
- FILL AROUND SYSTEM TO 95.70' ELEV., THEN PLACE 1' COVER W/ 2% SLOPE OVER FIELD (MIN).
- ALL PIPE ENDS SHALL BE CAPPED

98 - PROPOSED GRADE  
98 - EXISTING GRADE

FLAT HILLS ROAD



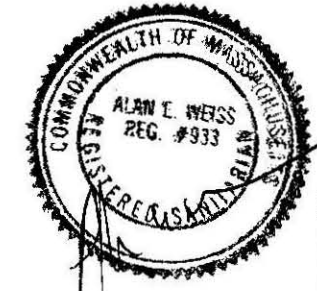
CROSS-SECTION OF SDDS

SOIL LOG

	TP-1 (ELEV. 96.32 ✓)
0-12"	SILTY LOAM
12"-10'	P.C. SANDY TILL Some cobbles + silt, fr. clay. Moderately dense
	[H <sub>2</sub> O at 9'] = 87.32' ✓
	PERC OF 20 MIN/IN ON 6/17/94 (AW)

DESIGN NOTES:

1. 4 BR x 110 GAL / 82-DAY x 1.25 = 550 GAL / DAY ✓  
(TITLE V = 440 GAL / DAY)
2. 36' x 50' x 0.35 GALS / SF = 594 GAL / DAY ✓
3. PER PIPE COLLAR W/ CLEANOUT TO NEW LOC.
4. NO WELLS WITHIN 100' OF L. SYSTEM.
5. PROPERLY PUMP/ABANDONE FORMER L. SYSTEM + TANK.
6. REMOVE NATIVE MATL TO 94.20', REPLACE W/ CLEAN FILL 15' AROUND (MIN.)
7. REMOVE/DISCONNECT FORMER GARBAGE DISPOSAL
8. NO DWELLINGS WITHIN 100' OF L. SYSTEM.
9. NO WELLS WITHIN 100' OF L. SYSTEM
10. INSTALL FILL PER SPECS OF 310 CMR 15.00 (TITLE V)
11. PUMP FORMER S. TANK AT ABANDONMENT.
12. NO GARBAGE GRINDERS ALLOWED.



SEPTIC SYSTEM REPAIR FOR CHERYL HALL + CHRIS MINTER  
367 FLAT HILLS ROAD  
AMHERST, MA.

SCALE: NOTED	APPROVED BY: [Signature]	DRAWN BY: AW
DATE: 6/19/94		9
COLD SPRING ENVIRONMENTAL, INC. BELCHERTOWN, MA. 323-5957		
		DRAWING NUMBER 93-343-0126