4030414

Maureen Como

From: reports@evgis.com
Sent: Friday, October 16, 2020 9:45 AM
To: canmiray18@gmail.com
Cc: Brian Finn; Maureen Como
Subject: #20102797 90 Rockaway Dr Boonton NJ
Attachments: CV20102797.pdf; 20102797.pdf

VER-GREEN
INSPECTION SERVICES
1-973-620-1833
63 Glenside Trail, Sparta, NJ 07871

October 15, 2020

Miray Can
RE: On Site Wastewater Treatment System
90 Rockaway Dr.
Boonton, NJ 07005
Block: 40304 Lot: 4
Job # 20102797

Dear Miray,

As requested, this company performed an inspection of the on-site wastewater system at the above noted address on October 15th, 2020. Attached is the report of that inspection which will document our findings. Based on the inspection, the system was found in ***"Unsatisfactory Condition"*** at the time of inspection.

The system contains three main components: the treatment tank that traps the solids, the conveyance system which moves the liquid from the treatment tank to the absorption area and the absorption area where the liquid percolates into the ground.

A septic file was not available at the time of inspection. All information was obtained from the real estate listing or from information provided to Ever-Green at the time of inspection. A two-day hydraulic load test was recommended due to the vacancy of the dwelling. The load test could not be conducted due to the condition of the system as well as the lack of running water at the time of inspection.

The treatment tank was opened and inspected. The baffle that directs the solids to the base of the tank (inlet baffle) was found to be intact and operational. The baffle that prohibits the floating solids from leaving the tank (outlet baffle) was found to be intact and operational as well. The liquid level in the tank was found to be approximately three feet below the outlet invert. This is indicative of a leaking tank. The treatment tank was not pumped out during the inspection and conditions below the liquid level could not be observed. This is considered unsatisfactory.

The camera was run into the conveyance line from the outlet baffle and the line was found to be obstructed. This is considered unsatisfactory. The d-box could not be located or evaluated due to this condition.

The absorption area was probed, and no liquid was found in the stone prior to testing. Normally this would be considered satisfactory, however due to the vacancy of the dwelling a two-day hydraulic load test is recommended. The load test could not be conducted due to the condition of the system as well as the lack of running water.

Ever-Green recommends that a septic contractor is contacted to clear the obstruction from the line to allow for further evaluation of the system. Additional recommendations will be made once the system is fully evaluated.

Based on today's observations, the information provided by the owner (s) or their agent, Ever-Green submits this sub-surface sewage disposal system inspection.

The inspection is based on the current conditions of the onsite sewage disposal system. Ever-Green makes no representation that the system was designed, installed or meets N.J.A.C. 7:9A-1.1 et seq. Ever-Green has not been retained to warrant, guarantee, or certify the proper functioning of the system for any period of time. Because of the numerous factors (usage, soil type, installation and maintenance etc.) which affect the proper operation of a sub-surface disposal system as well as the inability of Ever-Green to supervise or monitor the use and maintenance of the system, this report shall not be construed as a warranty by Ever-Green that the system will function properly for any prospective buyer. Ever-Green disclaims any warranty, either expressed or implied, arising from the inspection of the septic system.

If you have any questions, please do not hesitate to contact us. Thank you for allowing Ever-Green to meet your inspections needs.

Sincerely,

Ryan Odom
Certified Inspector

ON-SITE INSPECTION FORM

Job# 20102797

Inspection Overview

- Preliminary system information
- Inspection of treatment tanks
- Absorption system inspection
- Disposal/Conveyance system assessment
- Identification of any alternative technology approved components - Requires additional inspection

EVER-GREEN INSPECTION SERVICES
1-973-620-1833

Client Info

Client Name: Miray Can

Different from Owner ? ☑ Yes ☐ No

Street Address:

City: State: Zip Code:

Contact Method

Home : 973-727-7959

Work :

Fax:

e-mail address : canmiray18@gmail.com

ONSITE SYSTEM LOCATION

Inspector Name: Ryan Odom

Date: 10-15-2020

ISSDS Address: (including municipality):

90 Rockaway Dr.
Boonton, NJ 07005
Morris County / Boonton Twp

New Jersey Coordinate:

Block: 40304 Lot: 4

Was GPS used? ☐ Yes ☑ No

Preliminary Information

Weather: Clear

Last Precipitation: 2 Days prior to inspection

Age of system:

Type of dwelling? ☑ Residential ☐ Non Residential

Number of bedrooms:

How many systems are being inspected? 1

List any commercial activities or high impact hobbies:

1 -
2 -
3 -
4 -
5 -

	Yes	No
Is there a site plan or septic map available ?	☐	☑
Is the dwelling currently being occupied?	☐	☑
If so how many occupants?		
If no last date occupied?	7+ Days	
If there is a washing machine, is it connected to a separate gray water disposal system ?	☐	☑
Is the dwelling free of additional gray water systems?	☑	☐
Is the dwelling free of a garbage disposal systems?	☑	☐
Is the dwelling free of sump pump discharges to the system?	☑	☐
Is the dwelling free of any historical sewage back ups into the structure ?	☑	☐
Does all sewage enter the septic system and no type of sewage bypass exits ?	☑	☐

Septic Tank Pumping

	Yes	No
Is the septic tank pumped regularly?	☐	☐

Frequency: Unknown

Date of last pumping: Unknown

Comments:

A septic file was not available at the time of inspection. All information was obtained from the real estate listing or from information provided to Ever-Green at the time of inspection. A two day hydraulic load test was recommended due to the vacancy of the dwelling. The load test could not be conducted due to the condition of the system as well as the lack of running water at the time of inspection.

Treatment Tank

Type of system being inspected :

☐ Cesspool ☑ Septic Tank ☐ Gray Water

☐ Other:

☐ Multi-compartment: #

Name the material of the system :

☑ Concrete ☐ Block ☐ Steel

☐ Other:

Approximate Treatment Tank Volume: 1000

Evaluate the condition of the tank below:

Comments refer to both tanks.

	Satisfactory	Unsatisfactory	N/A
Top and Lids	☐	☐	☐
Inlet baffle	☐	☐	☐
Outlet Baffle	☐	☐	☐
Cracks or Leaks	☐	☐	☐
Sewage Flow from structure	☐	☐	☐

	Yes	No
Main tank lid opened for inspection?	☑	☐
Liquid level below the tank's inlet invert?	☑	☐
Liquid level below the tank's outlet invert?	☑	☐
Treatment tank pumped for this inspection?	☐	☑
Are all portions of the tank(s) clear of structures like a deck or a drive way ?	☑	☐
Is the area clear of evidence that sewage has surfaced above the treatment tank?	☑	☐
Does water flow unimpeded from the treatment tank?	☐	☑
Is an effluent filter a part of the system?	☐	☑
If yes, does it appear properly maintained?	N/A	N/A
Are there any other type of accessory units present?	☐	☑

Depth to top of tank: 30 inches

Depth to top of tank access: 6 inches

Comments:

The liquid level was observed approximatley three feet below the outlet invert at the time of inspection.

Absorption Area

Name the type of absorption system?

☑ Disposal bed ☐ Seepage pit ☐ Cesspool ☐ Disposal trench ☐ Mounded

☐ Other:

Was the absorption system located? ☑ Yes ☐ No If no explain:

Are the inspection ports present ? ☐ Yes ☑ No If yes how many ?

Were the inspection ports checked ? ☐ Yes ☐ No ☑ N/A

Was a separate probe dug in the absorption area to confirm the observations in the inspection ports ? ☑ Yes ☐ No ☐ N/A

Is the area of the absorption system free of sewage odors ? ☑ Yes ☐ No

Does sewage flow from the treatment tank to the absorption system without flowing back ? ☐ Yes ☑ No ☐ N/A

Is the area above or near any of the system components free from visible signs of effluent or sewage ? ☑ Yes ☐ No

Are the areas at or near the inlet invert of any absorption area component free from visible signs of sewage or effluent ? ☑ Yes ☐ No

Are areas above or near system components free of lush vegetation ? ☑ Yes ☐ No

If exposed, is the distribution box in satisfactory condition ? ☐ Yes ☐ No ☐ N/A

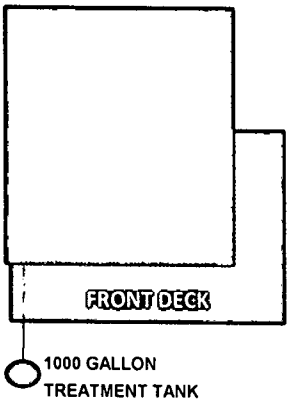
If not satisfactory please explain why:

Is the area directly over any part of the absorption system free of any evidence of large objects (cars, pools, etc.) ? ☑ Yes ☐ No

Comments:

During the inspection the treatment tank was opened and evaluated. The tank was found to be leaking. The camera was run into the conveyance line from the outlet baffle and it became obstructed approximatley six inches into the line. This is considered unsatisfactory. The d-box could not be located or evaluated due to this condition. Ever-Green recommends contacting a septic contractor to clear the obstruction from the line to allow for complete evaluation of the conveyance system.

Sketch the approximate system location in this space provided:



Dosing or Pump Tank

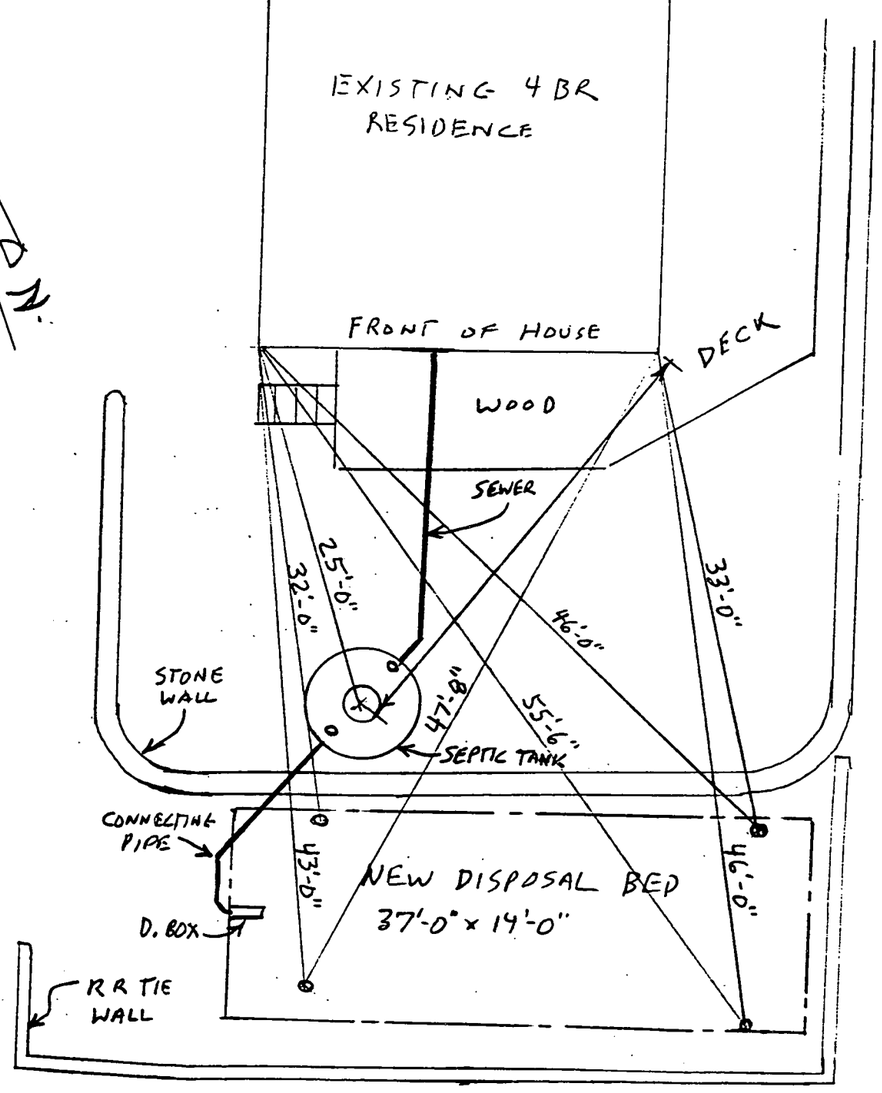
	Yes	No	N/A
Does the system contain a pump tank ?	☐	☑	☐
Is the pump operating ?	☐	☐	☑
Do the alarm (s) on the pump work ?	☐	☐	☑
Is the pump elevated above the tank floor ?	☐	☐	☑
Is the lid in satisfactory condition ?	☐	☐	☑
Is the tank in satisfactory condition ?	☐	☐	☑
Is the tank free of accumulated solids ?	☐	☐	☑

Summary

	Satisfactory	Satisfactory with concerns	Unsatisfactory	Requires additional investigation	N/A
Condition of treatment tank (s)	☐	☐	☑	☐	☐
Condition of the conveyance and pump system (s)	☐	☐	☑	☐	☐
Condition of the absorption area (s)	☐	☐	☐	☑	☐
Condition of any accessory components	☐	☐	☐	☐	☑

Comments:

Probe holes were made in the disposal bed and at least six inches of dry stone was noted. Normally this would be considered satisfactory, however due to the vacancy of the dwelling a two day hydraulic load test is recommended. The load test could not be conducted due to the condition of the system as well as the lack of running water at the time of inspection. Additional repair recommendations will be made once the system is fully evaluated.



ROCKAWAY DRIVE

AS BUILT DRAWING
for
Brenda Quent

90 Rockaway Drive
Block 40304, Lot 4
Boonton Township, N.J.

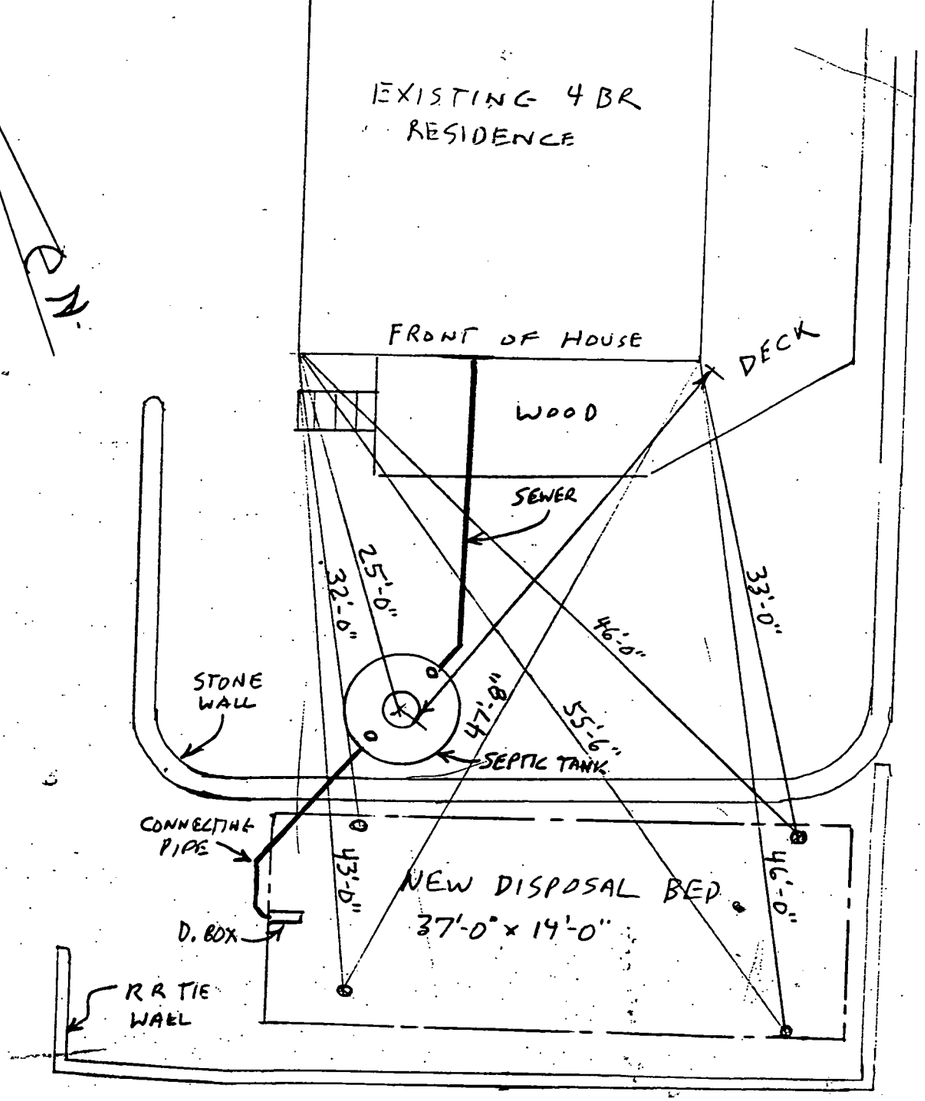
PROJECT Nº 125-04
SCALE 1"=10'-0"
DATE 9/15/04
DRAWN PWS
CHK'D HC

REVISED (9/17/04)
Changed Name
to Quent
REVISIONS

PETER W. SCHNEIDER
PROFESSIONAL ENGINEER N.J. LIC. GE28050
Peter W. Schneider DATE 9/16/04

SAC
24GA28003700
SOIL ANALYSIS CENTER
361 West Dewey Avenue, PO Box 588
Wharton, NJ 07885 973-361-0060

DRAWING Nº -02-



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REVISED (5/17/04)
Changed Name
to Quent
REVISIONS

PETER W. SCHNEIDER
PROFESSIONAL ENGINEER N.J. LIC. GE 36099
Peter W. Schneider DATE 9/16/04

SAG
24GA28003700
SOIL ANALYSIS CENTER
361 West Dewey Avenue, PO Box 588
Wharton, NJ 07885 973-361-0068

SOIL ANALYSIS CENTER, INC.
P.O. Box 588
Wharton, New Jersey 07885
(973) 361-0068

September 16, 2004

P/S Schneider

Brenda Quent
90 Rockaway Drive
Boonton, NJ 07005

Re: Block 40304, Lot 4
90 Rockaway Drive
Boonton Township

Dear Mr. Deinzer:

This is to certify that I have personally inspected the septic system constructed for the referenced property. The fill material used for the zone of treatment does meet the requirements of Chapter 7:9A-10.1(f)4. Further, I have determined that the septic system meets the requirements in the design for arrangement, size, and elevations. Therefore, this septic system is ready for operation.

CERTIFIED BY:

Peter W. Schneider

Peter W. Schneider, P.E.
NJPE Lic. #GE26056

THE TOWNSHIP OF BOONTON

MORRIS COUNTY NEW JERSEY

BOARD OF HEALTH

Municipal Building
Powerville Road
Boonton Township, New Jersey 07005
(201) 402-4007

Pat Pignatelli
Health Officer

No. 04-10A

TOWNSHIP OF BOONTON BOARD OF HEALTH

CERTIFICATE OF COMPLIANCE

ISSUED TO: Brenda Quent
Name of Owner or Contractor

90 Rockaway Drive, Boonton Township, New Jersey 07005
Address

RE: Block No. 40304 *Lot No* 4

Street: 90 Rockaway Drive, Boonton Township, New Jersey 07005

THIS IS TO CERTIFY, That:

A. An Individual Sewage Disposal System as described in Application No. 04-10A *Dated:* September 7, 2004 *has been constructed in accordance with all applicable codes, ordinances, and regulations of the Board of Health of this Township and of the Health Department of the State of New Jersey currently in effect.*

*** *B. A Community Water Supply has been constructed on the above lot in accordance with all applicable codes, ordinances, and regulations of the Board of Health of this Township and of the Health Department of the State of New Jersey.*

*C. A Certificate of Approval has been issued on the plumbing work, for which Permit No.*_____ *was issued, by the Plumbing Inspector of the Township of Boonton Building Department.*

This issuance of this Certificate shall not be construed as a guarantee that the above facilities will function satisfactorily nor shall it in any way restrict the powers of the Board of Health in the enforcement of any law or ordinance relating to the public health.

BOARD OF HEALTH
TOWNSHIP OF BOONTON

Date: 9/23/04

Administrative Officer

THE TOWNSHIP OF BOONTON

MORRIS COUNTY NEW JERSEY

No. 04-10A

BOONTON TOWNSHIP BOARD OF HEALTH

PERMIT

~~TO (LOCATE AND CONSTRUCT)~~ *(ALTER OR REPAIR) AN INDIVIDUAL SEWAGE DISPOSAL SYSTEM*

PERMISSION IS HEREBY GRANTED Brenda Quent

90 Rockaway Drive, Boonton Township, NJ07005

To ~~*(Locate & Construct)*~~ *(Alter or Repair) an Individual Sewage Disposal System at Block No.* 40304 *Lot No.* 4 *Street* 90 Rockaway Drive *as shown of Application No.* 04-10A *for Permit to* ~~*(Locate & Construct)*~~ *(Alter or Repair) an Individual Sewage Disposal System in accordance with all applicable codes, ordinances and regulations of the Board of Health of this Township and of the Health Department of the State of New Jersey currently in effect.*

Permit Fees:
$75.00 paid 7/1/04
Check No. 1092

Board of Health
Township of Boonton

Administrative Officer

Date: 9/7/04

THIS PERMIT EXPIRES SIX MONTHS FROM DATE OF ISSUANCE AND IS NOT ASSIGNABLE OR TRANSFERABLE.

Alteration

BH-04-11

BOONTON TOWNSHIP BOARD OF HEALTH
MORRIS COUNTY, NEW JERSEY

R E S O L U T I O N

WHEREAS, Kurt Donger has applied to the Boonton Township Board of Health for a permit to construct an alteration to the individual subsurface disposal system located on or for lands known as Block 40304, Lot 4, as set forth on the Official Tax Map of the Township of Boonton, being otherwise known as 90 Rockaway Drive; and

WHEREAS, the applicant proposes to install one (1) 1,000 gallon precast concrete septic tank, as well as a 518-square foot disposal field. Due to space limitations, the following deviations from Code are proposed:

	Required	Proposed
Distance from disposal field to property line	10'	2'6"
Distance from disposal field to existing cased well on subject property	100'	80'
Distance from disposal field to existing cased well on Lot 5	100'	90'
Size of disposal bed	1,046.5 sq ft	518 sq ft
Fill extension	2'	plastic liner behind existing railroad tie wall; and

WHEREAS, the applicant has submitted a proposed septic design alteration plan for Block 40304, Lot 4, prepared by Peter W. Schneider, P.E.; and

WHEREAS, the Boonton Township Board of Health has considered the applicant's request at a meeting of the Board which was held in compliance with the provisions of the Open Public Meetings Act; and

WHEREAS, the Board of Health of the Township of Boonton has made the following factual determinations:

1. The proposed work constitutes an "alteration" as defined in N.J.A.C. 7:9A-2.1;

2. This application does not involve a change in use or an expansion of the principal structure;

3. The proposed alteration will be made in conformance with plans and specifications prepared by Peter W. Schneider, P.E.;

4. The alteration to the system will result in a system which is closer to being in conformance with N.J.A.C. 7:9A-1, et seq. than the existing system;

5. The alteration is being made to correct an existing septic system malfunction and will be made in a manner that will eliminate the cause of the malfunction and which, with proper operation and maintenance, including the implementation of water conservation measures, will not result in future malfunctions; and

WHEREAS, the Board of Health of the Township of Boonton has determined that the application for a permit to construct an alteration should be approved for the reasons set forth in this resolution; and

WHEREAS, the Board is satisfied that the applicant is entitled to the relief requested based upon the circumstances presented in this matter.

NOW, THEREFORE, BE IT RESOLVED by the Board of Health of the Township of Boonton on this 19th day of July, 2004, that the application of Kurt Donger for approval of an alteration to the septic system for Block 40304, Lot 4, as set forth on the proposed septic design alteration plan prepared by Peter W. Schneider, P.E. be and is hereby approved, subject, however, to the following conditions:

1. Excavated soil shall be used on site or disposed of in accordance with N.J.D.E.P. requirements.

2. As-built drawings will be supplied to the Board of Health when construction has been completed and approved.

3. The installation of a garbage grinder shall not be allowed.

4. Water conservation devices shall be installed.

5. Runoff water shall be directed away from the disposal area.

6. Backwash from water softeners shall not be discharged into the septic system, but may be disposed of into a dry well.

7. The existing septic tank and seepage pit will be pumped, filled and abandoned as per the requirements of N.J.A.C. 7:9A.

8. The large tree shown on the plan at the edge of the disposal bed shall be removed.

9. The retaining wall shall remain. A plastic liner shall be installed behind the existing railroad tie wall.

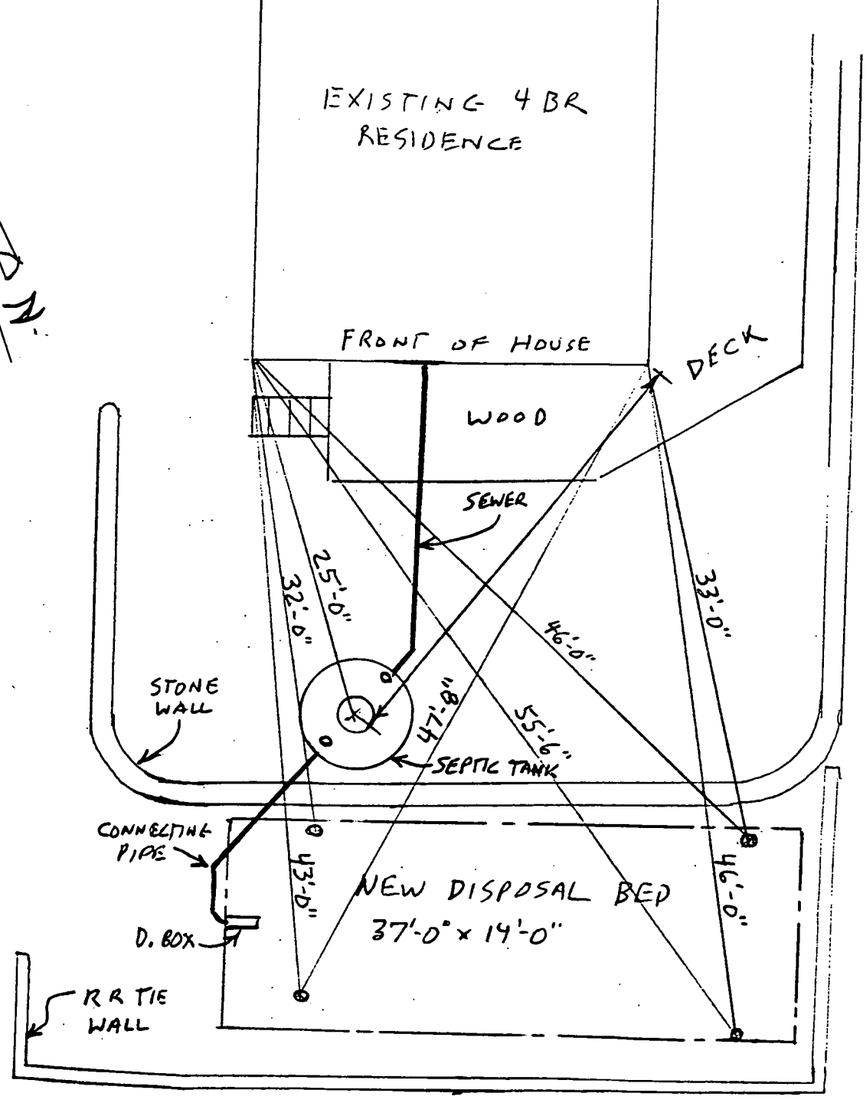
10. The Sanitarian shall have the discretion to approve a field modification to increase the size of the disposal bed, but a minimum distance of 5' shall be maintained from Lot 5.

This Resolution shall take effect immediately.

BOARD OF HEALTH OF THE
TOWNSHIP OF BOONTON

By _____
Karl Klingener, Chairman

Dated:



ROCKAWAY DRIVE

AS BUILT DRAWING
for
Brenda Quent

90 Rockaway Drive
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PROJECT Nº 125-04
SCALE 1"=10'-0"
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REVISED 9/17/04
Changed Name
to Quent
REVISIONS

PETER W. SCHNEIDER
PROFESSIONAL ENGINEER N.J. LIC. GE26099
Peter W. Schneider DATE 9/16/04

SAC
24GA28003700
SOIL ANALYSIS CENTER
361 West Dewey Avenue, PO Box 588
Wharton, NJ 07885 973-361-0060

SOIL ANALYSIS CENTER, INC.
P.O. Box 588
Wharton, New Jersey 07885
(973) 361-0068

September 16, 2004

P/Schneider

Brenda Quent
90 Rockaway Drive
Boonton, NJ 07005

Re: Block 40304, Lot 4
90 Rockaway Drive
Boonton Township

Dear Mr. Deinzer:

This is to certify that I have personally inspected the septic system constructed for the referenced property. The fill material used for the zone of treatment does meet the requirements of Chapter 7:9A-10.1(f)4. Further, I have determined that the septic system meets the requirements in the design for arrangement, size, and elevations. Therefore, this septic system is ready for operation.

CERTIFIED BY:

Peter W. Schneider

Peter W. Schneider, P.E.
NJPE Lic. #GE26056

SOIL ANALYSIS CENTER, INC.
P.O. Box 588
Wharton, New Jersey 07885
(973) 361-0068

September 16, 2004

Brenda Quent
90 Rockaway Drive
Boonton, NJ 07005

Re: Block 40304, Lot 4
90 Rockaway Drive
Boonton Township

Dear Mr. Deinzer:

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CERTIFIED BY:

Peter W. Schneider, P.E.
NJPE Lic. #GE26056

SOIL ANALYSIS CENTER INC.
P.O. Box 588
Wharton, New Jersey 07885
(973) 361-0068

July 14, 2004

Thomas J. Gilmartin
Sr. Registered Environmental Health Specialist
Board of Health
Township of Boonton
Municipal Building
155 Powerville Road
Boonton Township, NJ 07005

Re: 90 Rockaway Drive
Block 40304, Lot 4
Boonton Township

Dear Mr. Gilmartin:

This is to advise you that all of the wells in the proximately of the above referenced property are cased. Since these wells were drilled after 1957, I am satisfied that the casing lengths are at least fifty feet as that was the law after 1957. However, I can not guarantee that any well is more than fifty feet in length without performing measurements.

If you have any questions, please do not hesitate to call.

Very truly yours,

SOIL ANALYSIS CENTER, INC.

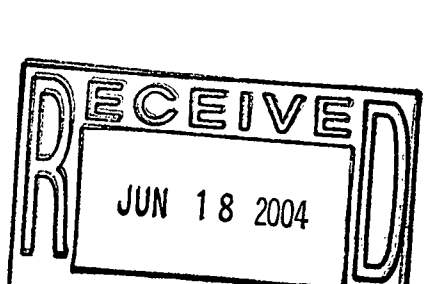
Peter W. Schneider

Peter W. Schneider, P.E.
President

SOIL ANALYSIS CENTER, INC.
P.O. Box 588
Wharton, New Jersey 07885
(973) 361-0068

June 17, 2004

Thomas J. Gilmartin
Sr. Registered Environmental Health Specialist
Board of Health
Township of Boonton
Municipal Building
155 Powerville Road
Boonton Township, NJ 07005



Re: 90 Rockaway Drive
Block 40304, Lot 4
Boonton Township

Dear Mr. Gilmartin:

Please find attached 10 copies of the septic design for the above property. This application will require a number of variances from the septic code due to total inadequate space. The variances are as follows:

1. Distance to property line less than 10 feet. Design requires installation to be within 2 feet and 6 inches of property line.

2. Distance to existing well will be less than 100 feet. Design calls for a distance of 80 feet to the well on subject property and a distance of 90 feet to the well on lot 5, block 40307, which is across the street.

3. Size of bed provided is 518 square feet instead of the required 1,046.5 square feet.

4. Lack of two foot fill extension due to elevation above street. Design calls for use of a plastic liner behind existing railroad tie wall instead.

THE TOWNSHIP OF BOONTON
MORRIS COUNTY, NEW JERSEY

BOARD OF HEALTH
Municipal Building
155 Powerville Road
Boonton Township, New Jersey 07005
(973) 402-4008

June 18, 2004

Mr. Paul T. Light
Paul T. Light, Inc. American Contractors
361 West Dewey Avenue
Wharton, New Jersey 07885

Re: Septic Alteration at 90 Rockaway Drive, Boonton Township
Block 40304, Lot 4

Dear Mr. Light:

I am returning your application for the septic alteration at the above referenced property due to the fact that variances or deviations from code are required to be listed in a letter form in order to be placed on the monthly Board of Health agenda. Ten (10) copies of the plan must be submitted with your letter of request and deviations required to the Board of Health.

The next Board of Health is scheduled for July 19, 2004 at 7:30 p.m. at the Municipal Building, 155 Powerville Road. The information for this request must be received by this office no later July 9, 2004.

Very truly yours,
Township of Boonton

Thomas J. Gilmartin
Senior Registered Environmental Health Specialist

MORRIS COUNTY/BOONTON TOWNSHIP

APPLICATION FOR PERMIT TO CONSTRUCT/ALTER/REPAIR
AN INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM

Form 1 - General Information

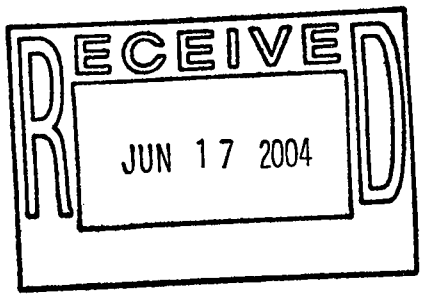
1. Type of Permit Needed (Check applicable categories)
   - New Construction
   - Alteration/Expansion or Change in Use
   - X Alteration/Malfunctioning System
   - X Alteration/No Expansion or Change of Use
   - X Deviation from Standards
   - Repairs to Existing System

2. Location of Project: 90 Rockaway Drive
   Municipality: Boonton Township Block No. 40304 Lot No. 4

3. Name of Applicant: Kurt Donger

4. Applicant's Present Address: 90 Rockaway Drive, Boonton, NJ 07005

5. Applicant's Phone Number: 973-279-3084



6. Type of Facility:
   - X Residential
   - Commercial/Institutional
     Specify Type of Establishment:

7. Type of Wastes to be Discharged:
   - X Sanitary Sewage
   - Industrial Wastes
   - Other - Specify Type:

8. Other Approvals/Certifications/Waivers/Exemptions (Attach to Application) N/A
   - Pinelands Commission
   - U.S. Army Corps of Engineers
   - NJDEP - Bureau of Flood Plain Management
   - Other - Specify:

9. I hereby certify that the information furnished on Form 1 of this application is true. I am aware that false swearing is a crime in this State and subject to prosecution.

Signature of Applicant Kurt Donger by Paul T. Light Agent Date 6/16/04

FOR AGENCY USE ONLY

_____ Application Denied - Reason for Denial/Citation of Rules Violated: _____
_____ Application Approved
_____ Application Approved Subject to Approval By NJDEP

Date of Action _____ Signature of Authorized Agent _____
Name and Title _____

MORRIS COUNTY/BOONTON TOWNSHIP

APPLICATION FOR PERMIT TO CONSTRUCT/ALTER/REPAIR
AN INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM

Form 2a - General Site Evaluation Data Block No. 40304 Lot No. 4

1. Name of Site Evaluator: Peter W. Schneider

2. Business Address of Site Evaluator: Soil Analysis Center, Inc.
P. O. Box 588
Wharton, NJ 07885-0588

3. Business Phone Number of Site Evaluator: 973-361-0068

4. Special Site Limitations Identified (Check appropriate categories):
___Flood Plains ___ Bedrock Outcrops ___ Wetlands X Excessively Stony
X Disturbed Ground ___ Sink Holes ___ Sand Dunes X Steep Slopes
X Other - Specify: Extremely restricted space

5. Soil Logs - Enter on Form 2b - use one sheet for each soil log.

6. Considerations Relating to Disturbed Ground:
a) Type of Disturbance (Check appropriate categories):
___ Filled Area ___ Excavated Area ___ Re-graded Area
___ Subsurface Drains X Other - Specify Existing failed seepage pit
b) Pre-existing Natural Ground Surface
Elevation Relative to Ground Surface: Same
Method of Identification: buried pit
c) Suitability of Disturbed Ground:
X Unsuitable: Objects Subject to Disintegration or Change in Volume
___ Excessively Coarse
___ Proctor Test Performed - % Standard Proctor Density =

7. Hydraulic Head Test: N/A

8. Attachments (Check items included):
X Site Plan
X Key Map Showing Location of Site on U.S.G.S. Quadrangle or Other Accurate Map
X Key Map Showing Location of Site on U.S.D.A. Soil Survey Map
Other - Specify: ___

9. I hereby certify that the information furnished on Form 2a of this application (and the attachments thereto) is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Soil Evaluator Peter W. Schneider Date 6/16/04

Signature of Professional Engineer Peter W. Schneider
License No. GE26056

MORRIS COUNTY/BOONTON TOWNSHIP

APPLICATION FOR PERMIT TO CONSTRUCT/ALTER/REPAIR
AN INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM

Form 2b - Soil Log and Interpretation Block No. 40304 Lot No. 4

1. Log Number 1 Method (Check One): X Profile Pit Boring

2. Soil Log:

Depth (inches) Top-Bottom	Munsel Color Name and Symbol; Estimated Textural Class; Estimated Volume % Coarse Fragment, If Present; Structure; Moist or Dry Consistence; Mottling - Abundance, Size and Contrast, If Present
0" - 6"	Topsoil 10YR 4/4
6" - 52"	Clay loam 10YR 6/4 roots to 64"; 10% gravel, 5% cobble; subangular blocky; moist & friable
52" - 84"	Sandy loam 10YR 6/4; 15% gravel, 10% cobble, 5% stone; single grain; moist & friable

No ground water, no mottling, big boulders

3. Ground Water Observations: NONE
   _____ Seepage - Indicate Depth _____
   _____ Pit/Boring Flooded - Depth after _____ Hours: _____

4. Soil Limiting Zones (Check Appropriate Categories):
   X Fractured Rock Substratum - Depth to Top 84"
   _____ Massive Rock Substratum - Depth to Top _____
   _____ Excessively Coarse Horizon - Depth Top to Bottom _____
   _____ Excessively Coarse Substratum - Depth to Top _____
   _____ Hydraulically Restrictive Horizon - Depth Top to Bottom _____
   _____ Hydraulically Restrictive Substratum - Depth to Top _____
   _____ Perched Zone of Saturation - Depth Top to Bottom _____
   _____ Regional Zone of Saturation - Depth to Top _____

5. Soil Suitability Classification: I

6. I hereby certify that the information furnished on Form 2b of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Soil Evaluator Peter W. Schneider Date 6/16/04

Signature of Professional Engineer Peter W. Schneider
License No. GE26056

MORRIS COUNTY/BOONTON TOWNSHIP

APPLICATION FOR PERMIT TO CONSTRUCT/ALTER/REPAIR
AN INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM

Form 3a - Soil Permeability Data Block No. 40304 Lot No. 4

Assign a number for each test and a letter for each test replicate. Show test data and calculations on Form 3b, 3d, 3f, or 3g. Use one sheet for each separate test or test replicate.

1. Summary of Data - Enter data for each test replicate on a separate line.

Type of Test	Test (number)	Replicate (letter)	Depth (inches)	Result*
Soil Permeability Class Rating	1A	1B	60	K4
Soil Permeability Class Rating	1B	1A	60	K4

*For tube permeameter, pit-bailing, and piezometer tests, report results in inches per hour. For soil permeability class rating test, give permeability class number. For percolation test, report result in minutes per inch. For basin flooding test, report result as positive if basin drains completely within 24 hours after second filling, negative otherwise.

2. Design Permeability/Percolation Rate: Specify Test Number - 1
   X Average of Test Replicates Single Replicate Slowest of Replicates

3.

Type of Limiting Zone Identified	Test Number
Fractured Rock Subsurface	1

4. Attachments (Check items included):
   Form 3b - Tube Permeameter Test Data - Number of Sheets:
   X Form 3c - Soil Permeability Class Rating Test Data - Number of Sheets: 2
   Form 3d - Percolation Test Data - Number of Sheets:
   Form 3e - Pit-Bailing Test Data - Number of Sheets:
   Form 3f - Piezometer Test Data - Number of Sheets:
   Form 3g - Basin Flooding Test Data - Number of Sheets:

5. I hereby certify that the information furnished on Form 3a of this application (and the attachments thereto) is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Soil Evaluator Peter W. Schneider Date 6/16/04

Signature of Professional Engineer Peter W. Schneider
License No. GE26056

MORRIS COUNTY/BOONTON TOWNSHIP

APPLICATION FOR PERMIT TO CONSTRUCT/ALTER/REPAIR AN INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM

Form 3c. Soil Permeability Class Rating Data — Block No. 40304 Lot No. 4

1. Test Number 1A — Replicate Letter 1B

2. Sample Depth 60" — Soil Pit/Boring Number #1
   Date Collected 5/13/04

3. Coarse Fragment Content:
   - Total Weight of Sample, W.T., grams: 371.4
   - Weight of Material Retained on 2 mm sieve, W.C.F., g: 104.4
   - Wt. % Coarse Fragment (W.C.F./W.T. x 100): 28.1

4. Oven Dry Weight (24 hours, 105 C) of 40 Gram Air Dry Sample, grams, Wt: 39.4

5. Hydrometer Calibration, Rc: 5.5

6. Hydrometer Reading - 40 seconds, grams, R1: 14.5
   Temperature of Suspension, degrees F.: 60.0

7. Corrected Hydrometer Reading, grams, R1': 7.4

8. Hydrometer Reading - 2 hours, grams, R2: 8.0
   Temperature of Suspension, degrees F.: 60.5

9. Corrected Hydrometer Reading, grams, R2': 1.0

10. % sand = (Wt. - R1')/Wt. X 100 =
    (39.4 - 7.4) / 39.4 x 100 = 81.2

11. % clay = R2'/Wt. X 10 =
    (1.0 / 39.4 x 100 =) 2.5

12. Sieve Analysis
    a. Oven Dry Wt. (2 hrs., 105 degrees Celsius) Total Sand Fraction (Soil Retained in 0.047 mm Sieve), grams: 32.0
    b. Wt. Of Fine Plus Very Fine Sand Fraction (Sand Passing 0.25 mm Sieve), grams: 14.7
    c. % Fine Plus Very Fine Sand (b/a): 45.9 percent = ffs

13. Soil Morphology (Natural Soil Samples Only):
    Structure of Soil Horizon Tested: Subangular Blocky & Single Grain
    Consistence of Soil Horizon Tested: Moist & Friable

14. Soil Permeability Class Rating (Based upon average textural analysis of this replicate and other replicate samples):
    K 4

15. I hereby certify that the information furnished on Form 3c of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58-10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Soil Evaluator Peter W. Schmieder — Date: 5/24/04

Signature of Professional Engineer Peter W. Schmieder

License #GE26056 Soil Analysis Center, Inc., 361 West Dewey Avenue, P. O. Box 588, Wharton, NJ 07885-0588

MORRIS COUNTY/BOONTON TOWNSHIP

APPLICATION FOR PERMIT TO CONSTRUCT/ALTER/REPAIR AN INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM

Form 3c. Soil Permeability Class Rating Data — Block No. 40304 Lot No. 4

1. Test Number 1B — Replicate Letter 1A

2. Sample Depth 60" — Soil Pit/Boring Number #1
   Date Collected 5/13/04

3. Coarse Fragment Content:
   - Total Weight of Sample, W.T., grams: 377.6
   - Weight of Material Retained on 2 mm sieve, W.C.F., g: 102.4
   - Wt. % Coarse Fragment (W.C.F./W.T. x 100): 27.1

4. Oven Dry Weight (24 hours, 105 C) of 40 Gram Air Dry Sample, grams, Wt: 39.4

5. Hydrometer Calibration, Rc: 5.5

6. Hydrometer Reading - 40 seconds, grams, R1: 14.5
   Temperature of Suspension, degrees F.: 60.0

7. Corrected Hydrometer Reading, grams, R1': 7.4

8. Hydrometer Reading - 2 hours, grams, R2: 8.0
   Temperature of Suspension, degrees F.: 60.5

9. Corrected Hydrometer Reading, grams, R2': 1.0

10. % sand = (Wt. - R1')/Wt. X 100 =
    (39.4 - 7.4)/ 39.4 x100 = 81.2

11. % clay = R2'/Wt. X 10 =
    1.0 / 39.4 x 100 = 2.5

12. Sieve Analysis
    a. Oven Dry Wt. (2 hrs., 105 degrees Celsius) Total Sand Fraction (Soil Retained in 0.047 mm Sieve), grams: 32.0
    b. Wt. Of Fine Plus Very Fine Sand Fraction (Sand Passing 0.25 mm Sieve), grams: 14.5
    c. % Fine Plus Very Fine Sand (b/a): 45.3 percent = ffs

13. Soil Morphology (Natural Soil Samples Only):
    Structure of Soil Horizon Tested: Subangular Blocky & Single Grain
    Consistence of Soil Horizon Tested: Moist & Friable

14. Soil Permeability Class Rating (Based upon average textural analysis of this replicate and other replicate samples):
    K 4

15. I hereby certify that the information furnished on Form 3c of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58-10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Soil Evaluator Peter W. Schneider Date: 5/24/04

Signature of Professional Engineer Peter W. Schneider

License #GE26056 Soil Analysis Center, Inc., 361 West Dewey Avenue, P. O. Box 588, Wharton, NJ 07885-0588

MORRIS COUNTY/BOONTON TOWNSHIP

APPLICATION FOR PERMIT TO CONSTRUCT/ALTER/REPAIR
AN INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM

Form 4 - General Design Data Block No. 40304 Lot No. 4

1. Volume of Sanitary Sewage, gal. 650
   X Residential: No. of Dwelling Units 1 Total Number of Bedrooms 4
   Commercial/Institutional - Indicate type of establishment and show method of calculation. If estimate is based on water meter data, indicate source of data, frequency of readings, average daily flow, and maximum recorded daily reading.

2. Alterations or Repairs
   a) Reason for Alteration or Repair (Check appropriate categories)
      Expansion or Change in Use Upgrade Existing Facilities
      X Correct Malfunctioning System Other - Specify: _____
   b) Describe Nature of Alteration or Repair: _____

3. System Components:
   a) Grease Trap Capacity, gals.
      Show Calculations Used:
   b) Septic Tank Capacities, gals. 1000 First Compartment 1000
      Second Compartment Third Compartment
   c) Effluent Distribution

Method:	X Gravity Flow	Gravity Dosing		Pressure Dosing
Dosing Device:	Pump	Siphon		
d) Dosing Tank Capacities, gals:	Total Capacity	Dose Volume		Reserve Capacity
e) Laterals: Number 4	Total Length 132'	Pipe Size 4"		Spacing 3'
f) Connecting Pipe:	Size 4"	Length 22'		
g) Manifold:	Size	Length		

   h) Disposal Field: SRB
      Design Permeability (Percolation Rate) 6-20 in/hr
      Trenches: Width Total Length Bed Area 518 sf as max space available
   i) Seepage Pits: Design Percolation Rate
      Number of Pits Total Percolating Area Provided

4. Attachments (Check items included):
   X General Plan of System Showing Location of All System Components
   X X-Sections of Each System Component Including Grease Trap, Septic Tank, Dosing Tank, Disposal Field, Seepage Pits and Interceptor Drains
   Pump Performance Curve
   Other - Specify: _____

5. I hereby certify that the information furnished on Form 4 of this application (and the attachments thereto) is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Soil Evaluator Peter W. Schmieder Date 6/16/04
Signature of Professional Engineer Peter W. Schmieder
License No. GE26056

MORRIS COUNTY/BOONTON TOWNSHIP

APPLICATION FOR PERMIT TO CONSTRUCT/ALTER/REPAIR
AN INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM

Form 1 - General Information

1. Type of Permit Needed (Check applicable categories)
   - New Construction
   - Alteration/Expansion or Change in Use
   - X Alteration/Malfunctioning System
   - X Alteration/No Expansion or Change of Use
   - X Deviation from Standards
   - Repairs to Existing System

2. Location of Project: 90 Rockaway Drive
   Municipality: Boonton Township Block No. 40304 Lot No. 4

3. Name of Applicant: Kurt Donger

4. Applicant's Present Address: 90 Rockaway Drive, Boonton, NJ 07005

5. Applicant's Phone Number: 973-279-3084

6. Type of Facility:
   - X Residential
   - Commercial/Institutional
     Specify Type of Establishment:

7. Type of Wastes to be Discharged:
   - X Sanitary Sewage
   - Industrial Wastes
   - Other - Specify Type:

8. Other Approvals/Certifications/Waivers/Exemptions (Attach to Application) N/A
   - Pinelands Commission
   - U.S. Army Corps of Engineers
   - NJDEP - Bureau of Flood Plain Management
   - Other - Specify:

9. I hereby certify that the information furnished on Form 1 of this application is true. I am aware that false swearing is a crime in this State and subject to prosecution.

Signature of Applicant Kurt Donger by Paul T. Light Agent Date 6/16/07

FOR AGENCY USE ONLY

_____ Application Denied - Reason for Denial/Citation of Rules Violated: _____
_____ Application Approved
_____ Application Approved Subject to Approval By NJDEP

Date of Action _____ Signature of Authorized Agent _____
Name and Title _____

MORRIS COUNTY/BOONTON TOWNSHIP

APPLICATION FOR PERMIT TO CONSTRUCT/ALTER/REPAIR
AN INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM

Form 2a - General Site Evaluation Data Block No. 40304 Lot No. 4

1. Name of Site Evaluator: Peter W. Schneider

2. Business Address of Site Evaluator: Soil Analysis Center, Inc.
P. O. Box 588
Wharton, NJ 07885-0588

3. Business Phone Number of Site Evaluator: 973-361-0068

4. Special Site Limitations Identified (Check appropriate categories):
___Flood Plains ___ Bedrock Outcrops ___ Wetlands X Excessively Stony
X Disturbed Ground ___ Sink Holes ___ Sand Dunes X Steep Slopes
X Other - Specify: Extremely restricted space

5. Soil Logs - Enter on Form 2b - use one sheet for each soil log.

6. Considerations Relating to Disturbed Ground:
a) Type of Disturbance (Check appropriate categories):
___ Filled Area ___ Excavated Area ___ Re-graded Area
___ Subsurface Drains X Other - Specify Existing failed seepage pit
b) Pre-existing Natural Ground Surface
Elevation Relative to Ground Surface: Same
Method of Identification: buried pit
c) Suitability of Disturbed Ground:
X Unsuitable: Objects Subject to Disintegration or Change in Volume
___ Excessively Coarse
___ Proctor Test Performed - % Standard Proctor Density =

7. Hydraulic Head Test: N/A

8. Attachments (Check items included):
X Site Plan
X Key Map Showing Location of Site on U.S.G.S. Quadrangle or Other Accurate Map
X Key Map Showing Location of Site on U.S.D.A. Soil Survey Map
Other - Specify: ___

9. I hereby certify that the information furnished on Form 2a of this application (and the attachments thereto) is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Soil Evaluator Peter W. Schneider Date 6/16/04

Signature of Professional Engineer Peter W. Schneider
License No. GE26056

MORRIS COUNTY/BOONTON TOWNSHIP

APPLICATION FOR PERMIT TO CONSTRUCT/ALTER/REPAIR
AN INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM

Form 2b - Soil Log and Interpretation Block No. 40304 Lot No. 4

1. Log Number 1 Method (Check One): X Profile Pit Boring

2. Soil Log:

Depth (inches) Top-Bottom	Munsel Color Name and Symbol; Estimated Textural Class; Estimated Volume % Coarse Fragment, If Present; Structure; Moist or Dry Consistence; Mottling - Abundance, Size and Contrast, If Present
0" - 6"	Topsoil 10YR 4/4
6" - 52"	Clay loam 10YR 6/4 roots to 64"; 10% gravel, 5% cobble; subangular blocky; moist & friable
52" - 84"	Sandy loam 10YR 6/4; 15% gravel, 10% cobble, 5% stone; single grain; moist & friable

No ground water, no mottling, big boulders

3. Ground Water Observations: NONE
   ____ Seepage - Indicate Depth ____
   ____ Pit/Boring Flooded - Depth after ____ Hours: ____

4. Soil Limiting Zones (Check Appropriate Categories):
   X Fractured Rock Substratum - Depth to Top 84"
   ____ Massive Rock Substratum - Depth to Top ____
   ____ Excessively Coarse Horizon - Depth Top to Bottom ____
   ____ Excessively Coarse Substratum - Depth to Top ____
   ____ Hydraulically Restrictive Horizon - Depth Top to Bottom ____
   ____ Hydraulically Restrictive Substratum - Depth to Top ____
   ____ Perched Zone of Saturation - Depth Top to Bottom ____
   ____ Regional Zone of Saturation - Depth to Top ____

5. Soil Suitability Classification: I

6. I hereby certify that the information furnished on Form 2b of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Soil Evaluator Peter W. Edwards Date 6/16/04

Signature of Professional Engineer Peter W. Edwards
License No. GE26056

MORRIS COUNTY/BOONTON TOWNSHIP

APPLICATION FOR PERMIT TO CONSTRUCT/ALTER/REPAIR
AN INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM

Form 3a - Soil Permeability Data Block No. 40304 Lot No. 4

Assign a number for each test and a letter for each test replicate. Show test data and calculations on Form 3b, 3d, 3f, or 3g. Use one sheet for each separate test or test replicate.

1. Summary of Data - Enter data for each test replicate on a separate line.

Type of Test	Test (number)	Replicate (letter)	Depth (inches)	Result*
Soil Permeability Class Rating	1A	1B	60	K4
Soil Permeability Class Rating	1B	1A	60	K4

*For tube permeameter, pit-bailing, and piezometer tests, report results in inches per hour. For soil permeability class rating test, give permeability class number. For percolation test, report result in minutes per inch. For basin flooding test, report result as positive if basin drains completely within 24 hours after second filling, negative otherwise.

2. Design Permeability/Percolation Rate: Specify Test Number - 1
   X Average of Test Replicates Single Replicate Slowest of Replicates

3.

Type of Limiting Zone Identified	Test Number
Fractured Rock Substratum	1

4. Attachments (Check items included):
   Form 3b - Tube Permeameter Test Data - Number of Sheets:
   X Form 3c - Soil Permeability Class Rating Test Data - Number of Sheets: 2
   Form 3d - Percolation Test Data - Number of Sheets:
   Form 3e - Pit-Bailing Test Data - Number of Sheets:
   Form 3f - Piezometer Test Data - Number of Sheets:
   Form 3g - Basin Flooding Test Data - Number of Sheets:

5. I hereby certify that the information furnished on Form 3a of this application (and the attachments thereto) is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Soil Evaluator Peter W. Schneider Date 6/16/04

Signature of Professional Engineer Peter W. Schneider
License No. GE26056

MORRIS COUNTY/BOONTON TOWNSHIP

APPLICATION FOR PERMIT TO CONSTRUCT/ALTER/REPAIR AN INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM

Form 3c. Soil Permeability Class Rating Data — Block No. 40304 Lot No. 4

1. Test Number 1A — Replicate Letter 1B

2. Sample Depth 60" — Soil Pit/Boring Number #1
   Date Collected 5/13/04

3. Coarse Fragment Content:
   Total Weight of Sample, W.T., grams 371.4
   Weight of Material Retained on 2 mm sieve, W.C.F., g 104.4
   Wt. % Coarse Fragment (W.C.F./W.T. x 100) 28.1

4. Oven Dry Weight (24 hours, 105 C) of 40 Gram Air Dry Sample, grams, Wt 39.4

5. Hydrometer Calibration, Rc 5.5

6. Hydrometer Reading - 40 seconds, grams, R1 14.5
   Temperature of Suspension, degrees F. 60.0

7. Corrected Hydrometer Reading, grams, R1' 7.4

8. Hydrometer Reading - 2 hours, grams, R2 8.0
   Temperature of Suspension, degrees F. 60.5

9. Corrected Hydrometer Reading, grams, R2' 1.0

10. % sand = (Wt. - R1')/Wt. X 100 =
    (39.4 - 7.4) / 39.4 x 100 = 81.2

11. % clay = R2'/Wt. X 10 =
    (1.0 / 39.4 x 100 =) 2.5

12. Sieve Analysis
    a. Oven Dry Wt. (2 hrs., 105 degrees Celsius) Total Sand Fraction (Soil Retained in 0.047 mm Sieve), grams 32.0
    b. Wt. Of Fine Plus Very Fine Sand Fraction (Sand Passing 0.25 mm Sieve), grams 14.7
    c. % Fine Plus Very Fine Sand (b/a) 45.9 percent = ffs

13. Soil Morphology (Natural Soil Samples Only):
    Structure of Soil Horizon Tested: Subangular Blocky & Single Grain
    Consistence of Soil Horizon Tested: Moist & Friable

14. Soil Permeability Class Rating (Based upon average textural analysis of this replicate and other replicate samples):
    K 4

15. I hereby certify that the information furnished on Form 3c of this application is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58-10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Soil Evaluator Peter W. Schmieder Date: 5/24/04

Signature of Professional Engineer Peter W. Schmieder
License #GE26056 Soil Analysis Center, Inc., 361 West Dewey Avenue, P. O. Box 588, Wharton, NJ 07885-0588

MORRIS COUNTY/BOONTON TOWNSHIP

APPLICATION FOR PERMIT TO CONSTRUCT/ALTER/REPAIR AN INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM

Form 3c. Soil Permeability Class Rating Data — Block No. 40304 Lot No. 4

1. Test Number 1B — Replicate Letter 1A

2. Sample Depth 60" — Soil Pit/Boring Number #1
   Date Collected 5/13/04

3. Coarse Fragment Content:
   - Total Weight of Sample, W.T., grams: 377.6
   - Weight of Material Retained on 2 mm sieve, W.C.F., g: 102.4
   - Wt. % Coarse Fragment (W.C.F./W.T. x 100): 27.1

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5. Hydrometer Calibration, Rc: 5.5

6. Hydrometer Reading - 40 seconds, grams, R1: 14.5
   Temperature of Suspension, degrees F.: 60.0

7. Corrected Hydrometer Reading, grams, R1': 7.4

8. Hydrometer Reading - 2 hours, grams, R2: 8.0
   Temperature of Suspension, degrees F.: 60.5

9. Corrected Hydrometer Reading, grams, R2': 1.0

10. % sand = (Wt. - R1')/Wt. X 100 =
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    1.0 / 39.4 x 100 = 2.5

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    a. Oven Dry Wt. (2 hrs., 105 degrees Celsius) Total Sand Fraction (Soil Retained in 0.047 mm Sieve), grams: 32.0
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    c. % Fine Plus Very Fine Sand (b/a): 45.3 percent = ffs

13. Soil Morphology (Natural Soil Samples Only):
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    Consistence of Soil Horizon Tested: Moist & Friable

14. Soil Permeability Class Rating (Based upon average textural analysis of this replicate and other replicate samples):
    K 4

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Signature of Soil Evaluator Peter W. Schneider Date: 5/24/04

Signature of Professional Engineer Peter W. Schneider

License #GE26056 Soil Analysis Center, Inc., 361 West Dewey Avenue, P. O. Box 588, Wharton, NJ 07885-0588

MORRIS COUNTY/BOONTON TOWNSHIP

APPLICATION FOR PERMIT TO CONSTRUCT/ALTER/REPAIR
AN INDIVIDUAL SUBSURFACE SEWAGE DISPOSAL SYSTEM

Form 4 - General Design Data Block No. 40304 Lot No. 4

1. Volume of Sanitary Sewage, gal. 650
   X Residential: No. of Dwelling Units 1 Total Number of Bedrooms 4
   Commercial/Institutional - Indicate type of establishment and show method of calculation. If estimate is based on water meter data, indicate source of data, frequency of readings, average daily flow, and maximum recorded daily reading.

2. Alterations or Repairs
   a) Reason for Alteration or Repair (Check appropriate categories)
      Expansion or Change in Use Upgrade Existing Facilities
      X Correct Malfunctioning System Other - Specify: _____
   b) Describe Nature of Alteration or Repair: _____

3. System Components:
   a) Grease Trap Capacity, gals.
      Show Calculations Used:
   b) Septic Tank Capacities, gals. 1000 First Compartment 1000
      Second Compartment Third Compartment
   c) Effluent Distribution
      Method: X Gravity Flow Gravity Dosing Pressure Dosing
      Dosing Device: Pump Siphon
   d) Dosing Tank Capacities, gals: Total Capacity Dose Volume Reserve Capacity
   e) Laterals: Number 4 Total Length 132' Pipe Size 4" Spacing 3'
   f) Connecting Pipe: Size 4" Length 22'
   g) Manifold: Size Length
   h) Disposal Field: SRB
      Design Permeability (Percolation Rate) 6-20 in/hr
      Trenches: Width Total Length Bed Area 518 sf as max space available
   i) Seepage Pits: Design Percolation Rate
      Number of Pits Total Percolating Area Provided

4. Attachments (Check items included):
   X General Plan of System Showing Location of All System Components
   X X-Sections of Each System Component Including Grease Trap, Septic Tank, Dosing Tank, Disposal Field, Seepage Pits and Interceptor Drains
   Pump Performance Curve
   Other - Specify: _____

5. I hereby certify that the information furnished on Form 4 of this application (and the attachments thereto) is true and accurate. I am aware that falsification of data is a violation of the Water Pollution Control Act (N.J.S.A. 58:10A-1 et seq.) and is subject to penalties as prescribed in N.J.A.C. 7:14-8.

Signature of Soil Evaluator Peter W. Schmeder Date 6/16/04
Signature of Professional Engineer Peter W. Schmeder
License No. GE26056

Permit #
04-10A
CK# 1092
$75 7/1/04

THE TOWNSHIP OF BOONTON
MORRIS COUNTY, NEW JERSEY

BOARD OF HEALTH
Municipal Building
155 Powerville Road
Boonton Township, New Jersey 07005
(973) 402-4008

June 29, 2004

Mr. Peter W. Schneider
Soil Analysis Center, Inc.
P. O. Box 588
Wharton, New Jersey 07885

Re: Septic Alteration – 90 Rockaway Drive, Boonton Township
Block 40304, Lot 4

Dear Mr. Schneider:

Please be advised that the fee for the above-referenced septic permit needs to be remitted to this office. The amount is $75.00.

Once the fee has been received by this office, this application will be scheduled for the July 19, 2004 Board of Health Meeting in order to grant the variances that are being requested.

Very truly yours,
Boonton Township Board of Health

Thomas J. Gilmartin
Sr. Registered Environmental Health Specialist

MEMORANDUM

To: Mr. Bill Ford
Mr. Karl Klingener
Mrs. Barbara Shepard
Mr. Ed Bucceri

From: Tom Gilmartin

Date: June 29, 2004

Re: 8 South Rockaway Drive, Block 40402, Lot 4

On June 15, 2004, I met with Mrs. Lowndes of 8 South Rockaway Drive regarding her proposed addition, which will, when completed, will approximately double the size of her existing home. The existing house is a 2 bedroom and on the first set of plans, they are proposing to make it a 4 bedroom house. On the revised set of plans, these additional bedrooms are now a den, family room, office, etc. Under NJAC 7:9A 3.3, this is an expansion in use. I explained to Mrs. Lowndes that they would have to meet the standards of new construction for the septic system to change this house into a 4 bedroom.

I previously met with her husband on January 13, 2004 to discuss this same issue. I gave them the three possible options:

1. They could attempt to tie into the sanitary sewer, if available.
2. Install a septic system, which meets the standards for new construction.
3. Have a professional engineer certify that there is existing system is adequate for their existing house and proposed addition.

The existing plans on file show a cesspool connected to a trench, which does not meet the current regulations.

TG/eas

THE TOWNSHIP OF BOONTON
MORRIS COUNTY, NEW JERSEY

BOARD OF HEALTH
Municipal Building
155 Powerville Road
Boonton Township, New Jersey 07005
(973) 402-4008

June 18, 2004

Mr. Paul T. Light
Paul T. Light, Inc. American Contractors
361 West Dewey Avenue
Wharton, New Jersey 07885

Re: Septic Alteration at 90 Rockaway Drive, Boonton Township
Block 40304, Lot 4

Dear Mr. Light:

I am returning your application for the septic alteration at the above referenced property due to the fact that variances or deviations from code are required to be listed in a letter form in order to be placed on the monthly Board of Health agenda. Ten (10) copies of the plan must be submitted with your letter of request and deviations required to the Board of Health.

The next Board of Health is scheduled for July 19, 2004 at 7:30 p.m. at the Municipal Building, 155 Powerville Road. The information for this request must be received by this office no later July 9, 2004.

Very truly yours,
Township of Boonton

Tom Gilmartin

Thomas J. Gilmartin
Senior Registered Environmental Health Specialist

SOIL LOG REPORT

Peter Schneider, PE 4/BK PS

OWNER Flynn DATE 5/13/04

ADRESS 90 Rodgers Rd. MUNICIPALTY Boonton Twp

Blk PHONE # 40304 4

BLOCK 29 LOT 8

HORIZON#

DEPTH 0-6" MUNSELL COLOR NAME, SYMBOL TS 10YR 4/4

TEXTURAL CLASS

Tank 500gl

EST. VOL 5 OF COURSE FRAG. ____ GRAVEL ____ STONE ____

STRUCTURE: SPEER SAB AB PRIS PLTY MASS S GRAIN

CONSISTENCE: DRY: LOOSE SOFT SLTY HARD VRY HARD

MOIST: LOOSE FRIAB VRY FRM EXT FRM CEMENT

MOTTLING: ABUNDANCE: FEW COMMON MANY

SIZE: FINE MEDIUM COARSE

CONTRAST: PAINT DISTINCT PROMINENT

cain?

House

W

TH X

Street

FROM ____ TO: ____ COLOR ____

HORIZON# ____

DEPTH 6-52 MUNSELL COLOR NAME, SYMBOL 10YR 6/4

TEXTURAL CLASS clay Loam

EST. VOL 5 OF COURSE FRAG. ____ GRAVEL 0 STONE Scab

STRUCTURE: SPEER SAB AB PRIS PLTY MASS S GRAIN

CONSISTENCE: DRY: LOOSE SOFT SLTY HARD VRY HARD

MOIST LOOSE FRIAB VRY FRM EXT FRM CEMENT

MOTTLING: ABUNDANCE: FEW COMMON MANY

SIZE: FINE MEDIUM COARSE

CONTRAST: PAINT DISTINCT PROMINENT

Set Back
Tree removal
Neighbor well
across ST. location
Replace septic Tank
only 500 gallon

FROM ____ TO: ____ COLOR ____

HORIZON# ____

DEPTH 52-84 MUNSELL COLOR NAME, SYMBOL 10YR 6/4

TEXTURAL CLASS SnDy Loam

EST. VOL 5 OF COURSE FRAG. ____ GRAVEL 15 STONE 5 col 10

STRUCTURE: SPEER SAB AB PRIS PLTY MASS S GRAIN

Roots 64"

CONSISTENCE: DRY: LOOSE SOFT SLTY HARD VRY HARD

MOIST LOOSE FRIAB VRY FRM EXT FRM CEMENT

Refusal 88"

MOTTLING: ABUNDANCE: FEW COMMON MANY

SIZE: FINE MEDIUM COARSE

CONTRAST: PAINT DISTINCT PROMINENT

FROM ____ TO: ____ COLOR ____

DEPTH TO: SEEPAGE No BEDROCK No MOTTLES None PERC/SOIL SMPL 60"

SOIL LOG REPORT

OWNER_____ DATE_____

ADRESS_____ MUNICIPALTY_____

_____ PHONE #_____

BLOCK_____ LOT_____

HORIZON#_____

DEPTH_____ MUNSELL COLOR NAME, SYMBOL_____

TEXTURAL CLASS_____

EST. VOL 5 OF COURSE FRAG. _____ GRAVEL_____ STONE_____

STRUCTURE: SPEER SAB AB PRIS PLTY MASS S GRAIN

CONSISTENCE: DRY: LOOSE SOFT SLTY HARD VRY HARD

MOIST: LOOSE FRIAB VRY FRM EXT FRM CEMENT

MOTTLING : ABUNDANCE: FEW COMMON MANY

SIZE: FINE MEDIUM COARSE

CONTRAST: PAINT DISTINCT PROMINENT

FROM_____ TO: _____ COLOR_____

HORIZON#_____

DEPTH_____ MUNSELL COLOR NAME, SYMBOL_____

TEXTURAL CLASS_____

EST. VOL 5 OF COURSE FRAG. _____ GRAVEL_____ STONE_____

STRUCTURE: SPEER SAB AB PRIS PLTY MASS S GRAIN

CONSISTENCE: DRY: LOOSE SOFT SLTY HARD VRY HARD

MOIST: LOOSE FRIAB VRY FRM EXT FRM CEMENT

MOTTLING : ABUNDANCE: FEW COMMON MANY

SIZE: FINE MEDIUM COARSE

CONTRAST: PAINT DISTINCT PROMINENT

FROM_____ TO: _____ COLOR_____

File
90 Rockaway Rd.

HORIZON#_____

DEPTH_____ MUNSELL COLOR NAME, SYMBOL_____

TEXTURAL CLASS_____

EST. VOL 5 OF COURSE FRAG. _____ GRAVEL_____ STONE_____

STRUCTURE: SPEER SAB AB PRIS PLTY MASS S GRAIN

CONSISTENCE: DRY: LOOSE SOFT SLTY HARD VRY HARD

MOIST: LOOSE FRIAB VRY FRM EXT FRM CEMENT

MOTTLING : ABUNDANCE: FEW COMMON MANY

SIZE: FINE MEDIUM COARSE

CONTRAST: PAINT DISTINCT PROMINENT

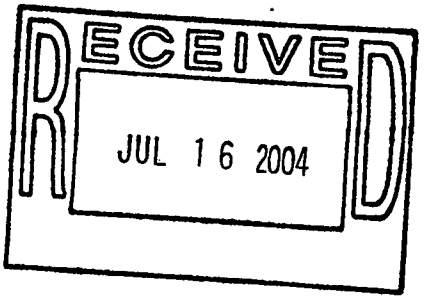
FROM_____ TO: _____ COLOR_____

DEPTH TO: SEEPAGE_____ BEDROCK_____ MOTTLES_____ PERC/SOIL SMPL_____

SOIL ANALYSIS CENTER, INC.
P.O. Box 588
Wharton, New Jersey 07885
(973) 361-0068

July 14, 2004

Thomas J. Gilmartin
Sr. Registered Environmental Health Specialist
Board of Health
Township of Boonton
Municipal Building
155 Powerville Road
Boonton Township, NJ 07005



Re: 90 Rockaway Drive
Block 40304, Lot 4
Boonton Township

Dear Mr. Gilmartin:

This is to advise you that all of the wells in the proximately of the above referenced property are cased. Since these wells were drilled after 1957, I am satisfied that the casing lengths are at least fifty feet as that was the law after 1957. However, I can not guarantee that any well is more than fifty feet in length without performing measurements.

If you have any questions, please do not hesitate to call.

Very truly yours,

SOIL ANALYSIS CENTER, INC.

Peter W. Schneider

Peter W. Schneider, P.E.
President