



Public Health
Prevent. Promote. Protect.

Department of: HEALTH
Office of Environmental

Phone: (609) 265-5515
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E-Mail: bchd@co.burlington.nj.us

**Board of Chosen Freeholders
County of Burlington
New Jersey**



Physical Address:
15 Pioneer Boulevard
Westampton, NJ 08060

Mailing Address:
49 Rancocas Road
P.O. Box 6000
Mount Holly, NJ 08060-6000

August 7, 2019

Mr. Mansfield
10 Norman Rockwell Way
Marlton NJ 08053

Re: Septic Repair Application REP: 57-19
Block: # 89.01 Lot: # 11
Evesham Twp.

Dear Sir:

Pursuant to instructions, a final inspection of the repair/restoration to the individual subsurface sewage disposal system referred to above was conducted on 4/20/16.

Our findings indicated that the repair/restoration of said system was found to be in substantial compliance with the approved application and plans.

Sincerely,

Sara Zuccarello
Principal REHS
609-265-5568

SZ/lkj

Cc: Construction Code Official
Board of Health
file

10 Norman Rockwell

SEPTIC COVER - UP

DATE 7/15/19

TOWNSHIP Evesham

Bl. ~~89-008~~ 89-01 Lt. ~~106~~ 11

APPLICATION # ~~2200000~~ REP 57-19

INSTALLER Randahella

OWNER _____

PHONE # [REDACTED]

READY FOR INSPECTION yes

INITIALS JD

☐ APPROVED

☒ DISAPPROVED

REASON FOR DISAPPROVAL _____

- Bed length pending engineer
cert
- Bed measured 50'. Plan
spec'd out 45'

Date 7/15/19 Time _____

INSPECTOR M. Reinhardt, REHS



Public Health
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Department of: HEALTH

Phone: (609) 265-5548
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Email: bchd@co.burlington.nj.us
www.co.burlington.nj.us/health

JUNE 14, 2019

MR MANSFIELD
10 NORMAN ROCKWELL WAY
MARLTON NJ 08053

Board of Chosen Freeholders County of Burlington New Jersey



Physical Address:
15 Pioneer Boulevard
Westampton, NJ 08060

Mailing Address:
49 Rancocas Road
P.O. Box 6000
Mount Holly, NJ 08060-6000

Re: Septic Repair Application REP57-19
BLOCK 89.01 LOT 11
EVESHAM TWP

Gentlemen:

Your application for the repair/restoration of the existing septic system on the property referenced above has been approved. Any defective parts, upon being repaired or replaced, are to be left exposed in order that a representative from this Department may inspect and approve the work performed, when required. Where possible, a request for such inspection shall be made to this Department no later than 72 hours prior to the date of repair. It is the applicant's responsibility to obtain any applicable municipal permits.

NO CHANGE IN THE PLAN SHALL TAKE PLACE WITHOUT PRIOR APPROVAL FROM THIS DEPARTMENT.

PLEASE NOTE: It is YOUR RESPONSIBILITY, as the owner, to ensure that your building contractor, plumber, and/or installer of the system are made aware of this approved plan prior to the beginning of any repairs. It is also your responsibility to ensure that the system is repaired in strict accordance with this approved plan. Any unauthorized deviation from the plan will render this application NULL AND VOID and could result in legal action being instituted in municipal court against all parties concerned.

Should you have any questions, you may contact the undersigned.

Sincerely,

SARA ZUCCARELLO, PRINCIPAL
REGISTERED ENVIRONMENTAL
HEALTH SPECIALIST 609-265-5568

bk
c Construction Code Official
Board of Health
file

BURLINGTON COUNTY HEALTH DEPARTMENT
15 PIONEER BOULEVARD, WESTAMPTON
PO BOX 6000 MOUNT HOLLY, NEW JERSEY 08060

APPLICATION FOR APPROVAL TO REPAIR OR REPLACE COMPONENTS TO EXISTING SEPTIC SYSTEM

1. Location of Project: _____ Evesham Township _____ Block: 89.01 Lot: 11
Municipality: _____
Street Address: 10 Norman Rockwell Way, Marlton, NJ Zip: 08053
2. Name of Applicant (print): Mark & Lisa Mansfield
3. Applicant's Present Address: 10 Norman Rockwell Way, Marlton, NJ 08053 4. Phone Number: [REDACTED]
5. Type of Facility: ☒ Residential ☐ Commercial/Institutional
6. Name of Installer (print): Randanella Septic 7. Phone Number: [REDACTED]
8. I hereby certify that the information furnished above on this Septic Repair/Replace application is true. I am aware that false swearing is a crime in this state and subject to prosecution.

Signature of Owner/Applicant _____ For Applicant Date 6/11/19

Signature of Installer _____ For Installer Date 6/11/19

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 6/11/19 Signature of Authorized Agent A. Duccarelli
- Name & Title Sara Zuccarelli Pr. REHS

GENERAL INFORMATION:

Reason for Repair _____ Slow draining system

How Old is System 23 years Has System Had Any Previous Malfunction? ☐ Yes ☒ No

If Yes, Briefly Explain Type of Malfunction and When It Occurred _____ N/A

Number of Bedrooms 4

Is Property for Sale? ☐ Yes ☒ No

Check Off All Components Of System To Be Replaced:

☒ Distribution Laterals☒ Filter Fabric☐ D-Box☒ Stone☐ Tank(PRESSURE DOSED)
SYSTEMEnlargement and/or soil replacement is not allowed under a repair approval. The services of a N.J. licensed engineer must be employed for soil Evaluation and application submitted to this Department for any enlargement and/or soil replacement of septic systems.Removal of bio-mat build-up is allowed under a repair application.Repairs to cesspools are not allowed.

Include a sketch with this application showing the lot and approximate location of system.

Rev/1/2016

AS BEING IN SUBSTANTIAL COMPLIANCE
WITH CHAPTER 199, P.L. 1954

BY A. Duccarelli

DATE 6/11/19

COUNTY NUMBER Rep 57-19

Sandford Mersky
LIC. NO. 6E28106

6/11/19

[Signature]



PL-122 Filter

The PL-122 was the original Polylok filter. It was the first filter on the market with an automatic shut-off ball installed with every filter. When the filter is removed for regular servicing, the ball will float up and prevent any solids from leaving the tank. Our patented design cannot be duplicated.

Features:

- Offers 122 linear feet of 1/16" filter slots, which significantly extends time between cleaning.
- Has a flow control ball that shuts off the flow of effluent when the filter is removed for cleaning.
- Has its own gas deflector ball which deflects solids away.
- Installs easily in new tanks, or retrofits in existing systems.
- Comes complete with its own housing. No gluing of tees or pipe, no extra parts to buy.
- Has a modular design, allowing for increased filtration.

PL-122 Installation:

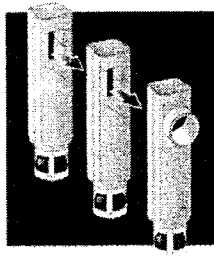
Ideal for residential waste flows up to 3,000 gallons per day (GPD). Easily installs in any new or existing 4" outlet tee.

1. Locate the outlet of the septic tank.
2. Remove the tank cover and pump tank if necessary.
3. Glue the filter housing to the outlet pipe, or use a Polylok Extend & Lok if not enough pipe exists.
4. Insert the PL-122 filter into tee.
5. Replace and secure the septic tank cover.

PL-122 Maintenance:

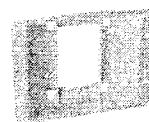
The PL-122 Effluent Filter will operate efficiently for several years under normal conditions before requiring cleaning. It is recommended that the filter be cleaned every time the tank is pumped, or at least every three years.

1. Do not use plumbing when filter is removed.
2. Pull PL-122 cartridge out of the tee.
3. Hose off filter over the septic tank. Make sure all solids fall back into septic tank.
4. Insert filter back into tee/housing.



Polylok offers the only filter on the market where you can get more GPD by simply snapping our filters together!

Patent Numbers
6,015,488 & 5,871,640



Filter Ready Adapter
Connects to Septic Tank Wall



Outdoor SmartFilter® Alarm
Polylok, Zabel & Best filters accept the SmartFilter® switch and alarm.

IMPORTANT INFORMATION FOR THE SEPTIC SYSTEM END-USER

Your septic system has been designed to provide you with many years of trouble free service. Please take the time to review the following facts and information relative to the use and operation of the system:

1. Your system has been designed to accommodate a specific number of bedrooms and occupants. Be sure to contact your county board of health or the design engineer prior to expanding the living area of your home to insure that your system continues to comply with regulations.
2. Your county board of health has issued you an operational permit. For all purposes, your individual system is now treated under the law in a similar manner to a municipal sewer system. Fines and penalties may be imposed upon users who have malfunctioning systems.
3. Pumping of the system every three (3) years is highly recommended in order to prevent system failure. System inspections should be performed on an as-needed basis.
4. The use of acid-based cleaning solutions are not recommended.
5. Water conditioners and other similar devices should not be introduced into the system. The system has not been designed for use with garbage disposal systems, and the use of such can lead to premature pumping requirements or system failure.
6. Trees or other rooted plants should not be placed in the vicinity of the disposal field, as the roots will eventually destroy the piping network. A grass covering is recommended. Exposure to the sun and wind, while not necessary, will enhance the operation of the system.
7. The use of water conservation devices is highly recommended. Excess water flow, faucet drips, leaking toilet components, etc. are cause for system failure.
8. Disposal of any toxic wastes into the system is prohibited and can cause ground water pollution. The end effect can be contamination of your well and those of your neighbors. Severe fines can be imposed in these cases. Paints, thinners, chemicals, photo developers, etc. are examples of items that can cause ground water pollution.
9. All modifications to the system must be approved by your county board of health (and the Pinelands Commission, when applicable). Emergency repairs shall be reported immediately.
10. A **HOMEOWNER'S GUIDE TO SEPTIC SYSTEMS** is available from the State of New Jersey, Division of Water Resources, CN031, Trenton, NJ 08625. A similar publication (EB-10) is available from Rutgers University, Cook College, New Brunswick, NJ. Please contact the design engineer should you have any difficulty in obtaining these publications.

DESIGN CRITERIA AND LIMITS OF LIABILITY

The ISDS design is primarily based upon soil profile pits and testing performed in accordance with N.J.A.C. 7:9a, improvements readily identifiable at the surface, inputs and surveys from the applicant and adjacent property owners, and public records (if provided by the applicant). The location of subsurface improvements which are not readily visible from the surface, such as existing wells, ISDS, and underground utilities may be estimated if written records are not available to support an exact location.

Prior to installation, it is the applicant's, installer's and well driller's responsibility to verify that all proposed and existing improvements, wells and ISDS, subsurface or otherwise, are as shown on this plan. If this plan is in error, **South Jersey Engineers, L.L.C.**'s sole liability shall be to correct or revise the plan as required to the extent allowable by N.J.A.C. 7:9a. **South Jersey Engineers, L.L.C.** shall not be liable in any way for installations which proceed without this required verification, or systems

which cannot be installed due to unknown or undiscovered subsurface improvements.

Soil conditions may vary from those observed in profile pits and used as a basis for design. In the event that soil conditions observed during installation are not as predicted, **South Jersey Engineers, L.L.C.**'s sole liability shall be to correct or revise the ISDS plan as required. **South Jersey Engineers, L.L.C.** shall not be liable for any additional ISDS cost or expense incurred by the applicant as a result of revisions, or any other determinations relative to overall site suitability as a result of varying soil conditions.

Elevations of existing building sewer lines, if applicable, are estimated. Accordingly, it may be determined during installation that pumping is required when not originally specified on ISDS plans, or that pumping can be eliminated when originally specified. In either case, **South Jersey Engineers, L.L.C.** will revise ISDS plans without additional charge (excepting new construction). However, the cost of county fees and any additional equipment required during installation shall be borne by the applicant.

Soil testing performed for the ISDS design are for ISDS applications only, and shall not be utilized for any other purpose, including but not limited to determination of dwelling elevations. Upon request by the client, additional soil testing will be performed at the proposed dwelling location for an additional fee. The "regional zone of saturation", also known as the "estimated seasonal high water table (ESHWT)", is an estimate of the high ground water level at the test location. However, this is an estimated value and other factors, such as lack of soil mottling, may preclude an accurate reading. Accordingly, **South Jersey Engineers, L.L.C.** shall not be held liable in the event that the ESHWT is later determined to be at an elevation higher than that originally estimated.

Soil testing for the ISDS must be performed by backhoe per N.J.A.C. 7:9a. The backhoe is a large machine and can possibly cause damage to the property, above and beyond that caused by the test pit excavations. While **South Jersey Engineers, L.L.C.** and/or their backhoe subcontractors will call for an underground utility markout, it is possible that the markout may not be accurate or that private subsurface utilities may not be located. Also, the applicant is aware that excavations performed by the backhoe may settle over a period of time. Accordingly, **South Jersey Engineers, L.L.C.** shall not be held liable for damage to the property or any subsurface utilities. The applicant represents that they have the legal right to authorize soil testing performed by backhoe on the property.

South Jersey Engineers, L.L.C. shall not be liable in any way for the performance, schedule or quality of the applicant's installer. It shall be the applicant and/or installer's responsibility to contact **South Jersey Engineers, L.L.C.** prior to installation to discuss specifics of the installation. Unless agreed to otherwise, installation support, inspections and certifications by **South Jersey Engineers, L.L.C.** are not part of this design and shall be billed to the applicant.

South Jersey Engineers, L.L.C. has designed this ISDS to either be (1) in conformance with N.J.A.C. 7:9a, or (2) to be in as close conformance as conditions will allow. ISDS life and performance is primarily dependent upon proper usage and maintenance by the applicant, which cannot be controlled by **South Jersey Engineers, L.L.C.** Also, soil conditions may vary from those tested or observed, and may even be inadequate in the case of existing buildings.

Additional Notes - General

All construction practices and procedures are to be in compliance with N.J.A.C. 7:9a (Effective April 2, 2012).

The installer shall contact the design engineer as prescribed in N.J.A.C. 7:9a or whenever consultation, clarification or inspections are required.

The installer shall contact the engineer prior to excavation to discuss specific requirements relative to excavation, placement and certification of fill, etc.

The installer shall immediately notify the design engineer should conditions other than those noted be encountered during installation.

Drainage from basement floors, footings, roofs, gutters,

sumps and water conditioners shall not enter the disposal system.

Garbage disposal units shall not be used or installed in the premises.

The installer shall verify that finished elevations of the premises and sewerage lines leaving the premises will provide proper flow to the system.

The installer shall verify that the proposed or existing dwelling will not exceed the design capacity of the system. When possible, the installer shall recommend the use of water saving fixtures to the homeowner.

The installer shall verify the location of all dwellings, septic systems and wells within a 150 foot radius of the installation. Any discrepancies from the plans shall be reported to the design engineer and the administrative authority immediately. Special attention shall be paid to new construction which may have occurred subsequent to the design.

The installer shall insure that the homeowner is aware of the location of all system components.

The installer shall instruct the end-user on the operation, maintenance, inspection and permit renewal requirements of the sewage disposal system. Most system failures are due to improper maintenance by the user.

Disposal Fields

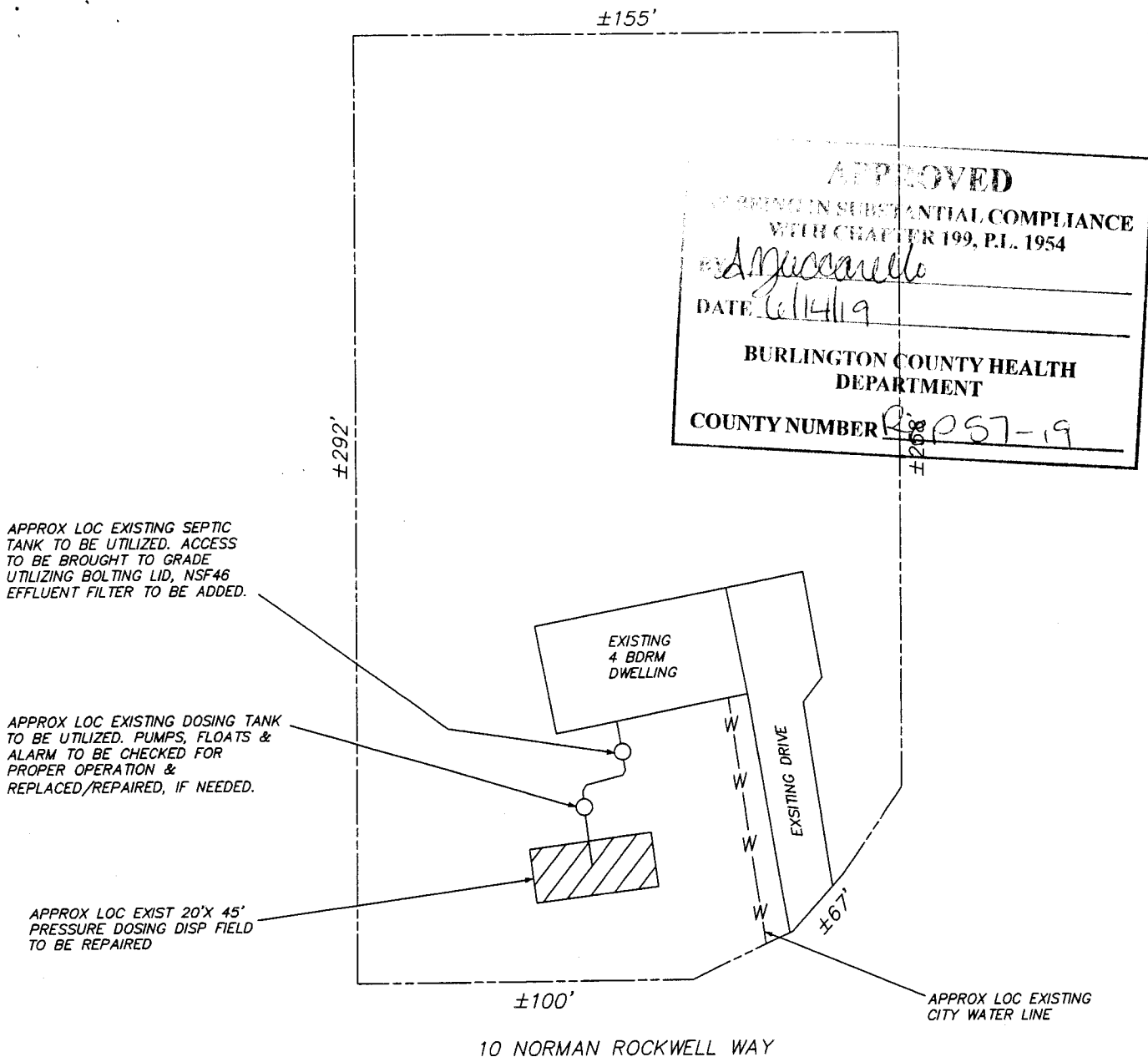
The installer shall verify that soil conditions are as described on the soil logs. The installer shall perform a percolation test at the bottom of any excavated area to insure proper drainage.

The flow of surface water over the disposal field shall be minimized.

Select fill utilized in the zone of treatment shall meet the requirements of N.J.A.C. 7:9a-10.1(f)4 and Pinelands Commission standards when applicable. Fill utilized in the zone of disposal shall meet the requirements of N.J.A.C. 7:9a-10.1(f)5. All fill, and the compaction thereof, must be tested and certified by an engineer. Fill shall be installed and compacted per N.J.A.C. 7:9a-10.4(f)3, except that fill shall be compacted by hand only and not by the use of heavy vehicles. Excavations and fill material shall not be exposed to rain, heavy winds or other extreme conditions. Excavations that have been exposed to rain may have smeared surfaces which must be raked and/or roughened by hand prior to installation of fill which has been exposed to rain or wind may lose uniformity of silt and clay content, and must be thoroughly mixed and retested prior to installation.

Inspection ports shall be provided near the end of each lateral per N.J.A.C. 7:9a-9.5(a)6 in disposal field corners. Check with local authority for specific requirements.

South Jersey Engineers LLC
P.O. Box 1406
Voorhees, NJ 08043
856-651-9050 – Fax 856-651-9051
www.septics.com



APPROVED
 IN SUBSTANTIAL COMPLIANCE
 WITH CHAPTER 199, P.L. 1954
S. Mersky
 DATE 6/14/19
**BURLINGTON COUNTY HEALTH
 DEPARTMENT**
 COUNTY NUMBER R-8 P57-19

SKETCH OF PROPOSED REPAIR TO EXISTING DISPOSAL FIELD (NTS)

REV	DESCRIPTION	DRAWN	APPR	DATE
All data, plans and specifications contained herein (including that provided on application forms) are the sole property of South Jersey Engineers LLC and/or its assignees. Any entity using this information for any purpose must receive written consent in advance from South Jersey Engineers LLC and agrees to assume obligations for any unpaid sums due to South Jersey Engineers LLC.				
SJE SOUTH JERSEY ENGINEERS P.O. BOX 1406, VOORHEES, N.J. 08043 ph (856) 651-9050 fax (856) 651-9051 N.J. CERTIFICATE OF AUTHORIZATION NO. 240A28096400		SITE PLAN FOR INDIVIDUAL SEWAGE DISPOSAL SYSTEM LOT 11 BLOCK 89.01 EVESHAM TOWNSHIP SANDFORD S. MERSKY, P.E. PROFESSIONAL ENGINEER'S LIC. # GE28106		
SCALE: NTS		DRAWN BY: KS		<i>[Signature]</i> <u>6/14/19</u> DATE

SOUTH JERSEY ENGINEERS, L.L.C.

Septic System Design & Engineering

P.O. Box 1406 • Voorhees, N.J. 08043 • 1-856-651-9050 • 1-856-651-9051 (fax) • engineer@septics.com

Sandford Mersky, P.E.
Vincent Gioffre, NJDEP Licensed Operator (Wastewater)
Nicholas Bielecki, P.E., NJDEP Licensed Operator (Wastewater)

June 11, 2019

Burlington County Health Department
Environmental Division
15 Pioneer Boulevard
Westampton, NJ 08060

Re: Block 89.01, Lot 11 – Evesham Twp, Burlington County
Repair Application Engineering Certification

Pursuant to the requirements of N.J.A.C 7:9A3.3 (d)2 the following is offered for review.

The septic system at the subject property was designed and installed after 1990 and therefore would meet the requirements of N.J.A.C 7:9A. Based upon its sizing and design criteria it would be anticipated to be adequate to treat and dispose of the estimated volume of sanitary sewage and the type of waste generated by the single family dwelling.

As the repair will bring the system back into full compliance with the provisions of N.J.A.C 7:9A it would be anticipated that the repair will correct the malfunctioning condition.

Please do not hesitate to call or write if any additional information is required.

Respectfully



Sandford S. Mersky
Lic No. GE28106