

LAYOUT 9/5/08 INSP 4 \_\_\_\_\_  
INSP 2 9/10/08 INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 8/27/2008 **PERMIT ~~MICROFAST 0.5~~** P 5 29544

APPROVAL DATE: 9/11/08 **SEPTIC SYSTEM** Hoot A 528959

TAX ID # 05-389186  
**ON-SITE SEWAGE DISPOSAL SYSTEM** BNR 600  
**HOWARD COUNTY HEALTH DEPARTMENT**  
**BUREAU OF ENVIRONMENTAL HEALTH**

Farm and Home IS PERMITTED TO INSTALL  ALTER

ADDRESS: 901 Driver Road, Marriottsville, MD 21104 PHONE NUMBER: 410-984-0189

SUBDIVISION \_\_\_\_\_ LOT \_\_\_\_\_

ADDRESS: 7100 Sanner Road PROPERTY OWNER: Larry and Nancy Lewman

MICROFAST 0.5 CAPACITY (GALLONS): 1500 Top Seamed Two Compartment Tank  
PUMP CHAMBER CAPACITY (GALLONS): N/A 2000 Gallon

(Decided to Use Hoot System)

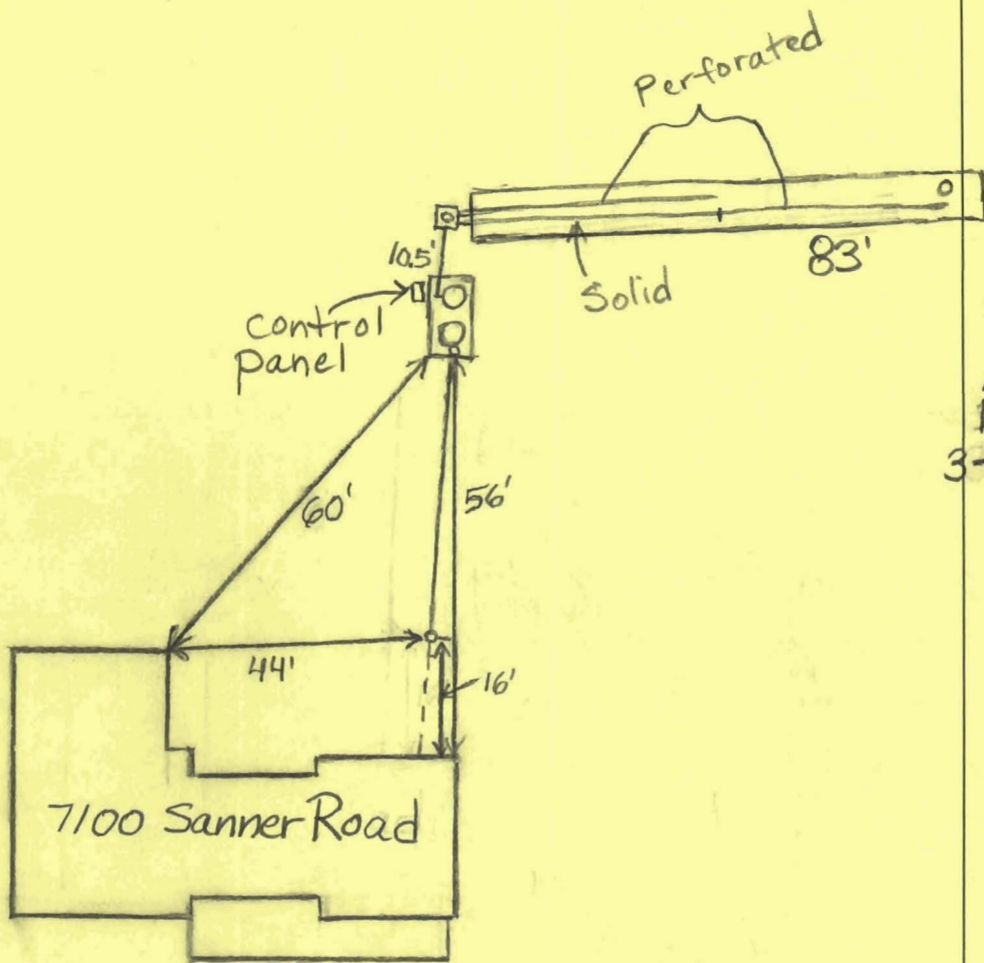
LOCATION:	Install trench as per layout. Original grade below fill must be determined in order to install trench on contour. Trench inlet is 4.5 feet below fill. Trench bottom depth is 8 feet below fill. Trench to be 5 feet wide and 90 feet long. Trench to be installed on shelf. Contractor responsible for following MOSHA regulations during system installation.
NOTES:	A test of the blower, alarm and microfast unit is required. Install microfast unit per manufacturer's instructions. System is designed for a maximum of three bedrooms. Trench/ bed to have a distribution box and sewage distribution network.

Note:  
PLANS APPROVED: B. Baker DATE: 5/28/2008

NOTES: **PERMIT VOID AFTER 2 YEARS**  
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
WATERTIGHT SEPTIC TANKS REQUIRED  
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED  
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT ALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
5'	45'-55'	10'
NUMBER OF TRENCHES 1		
TOTAL LENGTH 83'		
ABSORPTION AREA 4/5 + Sidewall		
DISTRIBUTION BOX LEVEL Levelers		
DISTRIBUTION BOX BAFFLE Yes		
DISTRIBUTION BOX PORT Yes		

SEPTIC TANK DATA

MICROAST 0.5 LEVEL	Yes
HOOT CAPACITY	2000 GAL
BNR SEAM LOC	Top
600 TANK LID DEPTH	0.5-3.5'
Mayer BAFFLES	Built In
Bros. BAFFLE FILTER	No
3-Comp. MANHOLE LOC	Front+Rear
4" PORT LOC	Front
WATERTIGHT TEST	No
BLOWER TEST	Yes
BLOWER ALARM TEST	O.K.

PUMP TANK LEVEL	N/A
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____
PUMP TEST	O.K.
PUMP ALARM TEST	O.K.

PRE-CONSTRUCTION:

9/5/2008 Install as per plan. Tank set. House connection made. (BB)

INSTALLATION:

9/10/08 Trench/bed started. Wanted to use low pressure distribution in trench but plumbing and pump in hoot tank are not specifically designed for low pressure distribution. Decided to use gravity distribution. (BB)

9/11/08 Trench finished. Two perforated pipes used in trench to help distribution. Alarms working. Everything else appears to be working. (BB)

FINAL INSPECTOR B. Baker

DATE OF APPROVAL 9/11/08

Fee Paid \$ \_\_\_\_\_  
Receipt #P \_\_\_\_\_

SEPTIC SYSTEM REPAIR / UPGRADE / EVALUATION REQUEST

Please fill out this form completely and check off the reason for the request:

Date requested: \_\_\_\_\_

Reason for Request

Failing System (includes surface discharge or inadequate treatment zone) \_\_\_\_\_

Has the contractor verified through excavation/pumping evaluation, that there are no pipe blockages? \_\_\_\_\_

In support of a building permit. Type of building addition: \_\_\_\_\_

\*System relocation for proposed addition for setback compliance \_\_\_\_\_

\*Verification of adequate system capacity per COMAR 26.04.02.02D (4) \_\_\_\_\_

To replace collapsed septic tank or upgrade tank capacity

To replace collapsed drywell \_\_\_\_\_

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Septic Contractor: Foale's Septic

Contractor's Address: 580 Obrecht Rd

Sykes

Contractor's Phone #: 410 795-5670

Property Address: 7100 Sanner Rd

Property (Subdivision) & Lot # \_\_\_\_\_

Owner's Name: Larry Lewman

Is public sewer available/nearby: N/A

Names of Any Previous Owners: \_\_\_\_\_

Year House Built: 1720

# of Existing Bedrooms: 2

# of Bedrooms after completion of addition: \_\_\_\_\_

Has this request been discussed previously with a Sanitarian, who? \_\_\_\_\_

*If public sewer is close, further research will be performed to verify availability and possible hook up to public sewer.*

A Sanitarian will be in contact within three business days depending upon the urgency of the situation to coordinate the scheduling of the repair /upgrade/evaluation. No inspection will be performed without fee collection at the office.

Environmental Sanitarian tentatively assigned \_\_\_\_\_

FAX TO 410-313-2648

**AGREEMENT AND EASEMENT FOR INSTALLATION  
OF BEST AVAILABLE TECHNOLOGY SYSTEMS  
WITH BAY RESTORATION FUNDS.**

THIS AGREEMENT is made this 30th day of July, among Nancy Lewman, hereinafter referred to as "Owner," the Howard County Health Department hereinafter collectively referred to as the "County," and the Department of the Environment, hereinafter referred to as the "Department."

WHEREAS, Owner owns a tract of land located on 7100 Sanner Road, Clarksville, MD, in the 5th Election District of Howard County, Maryland, and the deed to same is recorded among the Land Records of Howard County, Maryland, in Ellicott City and in Liber 4478 Folio 51.

WHEREAS, the Bay Restoration Fund (BRF) may provide a grant for the cost attributable to upgrading an onsite sewage disposal system to the Best Available Technology (BAT) for the removal of nitrogen.

WHEREAS, the BRF may also provide a grant for the cost difference between a traditional onsite sewage disposal system and a system that utilizes the BAT for the removal of nitrogen.

WHEREAS, Owner understands that participation in the Bay Restoration Fund is voluntary.

NOW, THEREFORE, the parties hereto agree as follows:

- A. Owner hereby grants to the Department and the County the right to enter upon the property at any reasonable time for access to the system to make periodic inspections and the Owner agrees to provide any information and data requested and needed by the Department to develop accurate and thorough test results.
- B. Owner acknowledges and agrees that a manufacturer-approved installer will install the BAT system.

- C. Owner acknowledges and agrees the manufacturer will provide for Operation and Maintenance of the BAT for a period of 5 years as a condition of sale of the BAT. After the 5 year period the Operation and Maintenance contract can be further extended at the behest of the property owner. The Department and County encourage the property owner to continuously maintain an Operation and Maintenance contract during the lifetime of the system.
- D. Owner acknowledges and agrees that the manufacturer appointed Operation and Maintenance provider will have access to the BAT system at all times.
- E. Owner acknowledges and agrees that the manufacturer or manufacturers designee will have access to sample the effluent of the BAT system. Owner acknowledges and agrees that the proposed installation of a BAT system funded by the BRF is voluntary. Owner agrees that there shall be no liability on the part of the County or Department to Owner if this BAT system fails, and that the County and the Department do not warrant or guarantee that the BAT system will adequately or properly function.
- F. Owner acknowledges and agrees that neither the County nor the Department nor any of its agents or employees, either officially or individually, underwrites the operation of any system approved by them.
- G. The Owner will devote such care and effort to the maintenance of the BAT system so that any malfunction is not the result of poor maintenance, faulty operation, or neglect.
- H. The Department agrees to grant \$ 10,574.50 toward the cost of installation of the BAT System, and financial responsibility is limited to this amount. Owner will present to the County at least 3 proposals from manufacturer and County certified system installers demonstrating the total cost of installation. Operating costs will be at the Owner's expense.

- I. The Owner acknowledges that the BRF grant can only be used for that portion of the OSDS attributable to (BAT) for the removal of nitrogen.
- J. Owner acknowledges in the event the total project cost is greater than \$25,000 the proposal will have to be approved by the Maryland State Board of Public Works.
- K. The Owner agrees to contact both the Water Management Administration, On-Site Systems Division of the Wastewater Permits Program and the County at least forty-eight (48) hours prior to system installation, so that the Department has the opportunity to be present at the time of installation or thereafter for inspection. .
- L. The Owner must install BAT system according to the manufacturer recommended plans and specifications approved by the Department.
- M. The Owner agrees and acknowledges that if installation deviates substantially from the approved plans or changes such that performance of the system is compromised or reduced, BRF funding will not be provided.
- N. This agreement shall run with the land and binds the Owner, his heirs, successors, assigns except that the provisions of paragraph A, C, D and E shall be binding for a period of 5 years only after installation of the system and occupation of the home. Owner further agrees that he shall inform in writing any purchaser or lessee of the property that the system may require maintenance or other attention. The Owner agrees to record this agreement in the land records of Howard County.
- O. This agreement shall not be construed to limit any authority of the Department to protect the public health, safety or comfort or to issue any other orders to take any other action that is now or may hereafter be within its authority.
- P. This agreement may be voided at the discretion of the Department if the system construction is not completed within six (6) months of the effective date of this agreement.

- Q. This agreement contains the entire agreement and understanding between the County and the Owner and the Department. There are no additional terms other than as contained in this agreement. This agreement may not be modified except in writing signed by each of the parties or by their authorized representatives.
- R. The laws of the State of Maryland govern the provisions of all transactions pursuant to this agreement.

IN WITNESS WHEREOF, the parties have signed and sealed this agreement on the date indicated

above.

DATE: 9/15/08

DATE: 7/30/08

DATE: 9/18/2008

Nancy Leeman  
Owner

Jay Prager  
Jay Prager, Deputy Program Manager  
Wastewater Permits Program  
Maryland Department of the Environment

Robert J. Davis  
Assistant Director Howard County  
Bureau of Environmental Health  
Howard County Health Dept.

