

LAYOUT 6/22/09 INSP 4 \_\_\_\_\_  
INSP 2 6/23/09 INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 06/19/2009

APPROVAL DATE: 6/30/2009

## PERMIT

Tax ID # 05361133

P 531054

A 530308

**ON-SITE SEWAGE DISPOSAL SYSTEM  
HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH**

Dorothy C Murphy

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 12021 Scaggsville Rd, Fulton, MD PHONE NUMBER: \_\_\_\_\_

SUBDIVISION: \_\_\_\_\_ LOT NUMBER: \_\_\_\_\_

ADDRESS: 12021 Scaggsville Road PROPERTY OWNER: Douglas Murphy

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED ☒

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 1.2

SQUARE FOOTAGE OF HOUSE: \_\_\_\_\_

LINEAR FEET OF TRENCH REQUIRED: 125

TRENCHES:	Trenches to be 2.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 6.0 feet below grade. Effective area begins at 3.5 feet below original grade. 3.0 feet of stone below distribution pipe.
LOCATION:	1. Set septic tank per layout inspection. 2. Set distribution box per layout inspection (about 12-14 feet downhill of septic easement corner). 3. Install 125 of trench on contour-(2) two-40' trenches and (1) -45' trench per layout inspection. Note: Distribution box should be installed at the highest point of easement. These specs are only for the initial system.
NOTES:	1. Stake septic easement per layout inspection. 2. Call for layout inspection. 3. Mark Utilities. 4. Gravel tickets must be available for Environmental Sanitarians.

Homeowner → Dug well to be filled with soil from trench excavation. 100 per MSB 6/19/09  
PLANS APPROVED: Dana Bernard / Robert Bricker DATE: 6/18/09

NOTE: PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

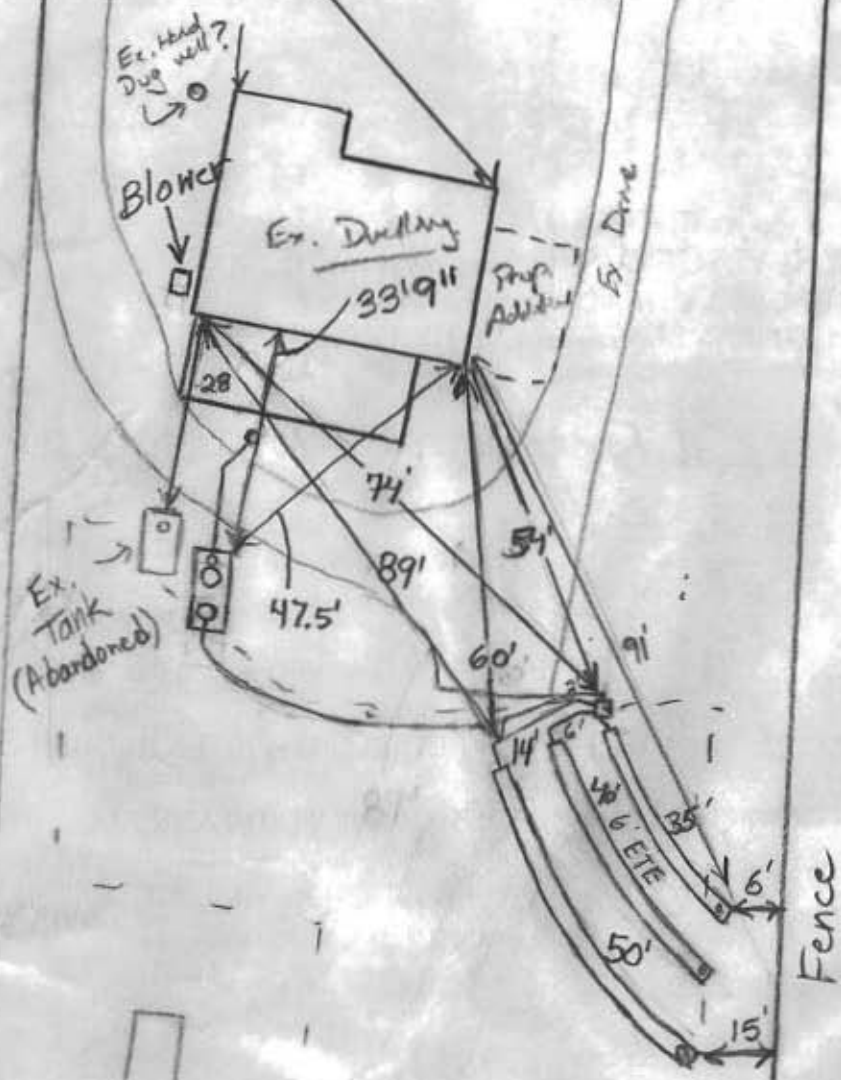
NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS  
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM  
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT  
CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

Scaggsville Rd.  
Ex. Well (No Tag)

NOT TO SCALE



#### TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	3'	6'
NUMBER OF TRENCHES		3
TOTAL LENGTH		125'
ABSORPTION AREA		313
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Elbow
DISTRIBUTION BOX PORT		Yes

#### SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Hoot
CAPACITY	2000+ GAL
SEAM LOC	Top
TANK LID DEPTH	1'-2'
BAFFLES	Front Chamber
BAFFLE FILTER	No
MANHOLE LOC	Front+Rear
6" PORT LOC	Front
WATERTIGHT TEST	No
SLOTTED	No
DATE ON LID	O.K.

PUMP/SEPTIC TANK LEVEL N/A

MANUFACTURER	
CAPACITY	GAL
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	
DATE ON LID	

#### PRE-CONSTRUCTION:

6/22/09 Set D box @ start of 1st (highest) trench. Install a 35', 40', 50' trenches on contour. Trenches painted out in field. OK to set Hoot tanks next to ex. tank. Ex. Hand dug well to be filled w/ spoil from trenches (per MJD). Call for insp. (100)

#### INSTALLATION:

6/23/09 Top 2 trenches complete. D box set. Ex. hand dug well sealed per MJD. Duct w/ spoil from trenches. Apr. 28" deep. Call for follow up insp. (Kw)  
6/24/09 Bottom trench done. BB 6/26/09 System finished O.K. to backfill. Need to verify correct operation of Hoot system by Mayer Bros. BB 6/30/09 Received fax from Mayer Bros. stating that Hoot is operating properly. BB

FINAL INSPECTOR

B. Baker

DATE OF APPROVAL

6/30/2009

**MAYER BROS., INC.***Precast Concrete Products*

6264 Race Rd. Elkridge, MD 21075

Federal ID 52-0706744

**Letter of Satisfaction**  
Hoot System InstallationAddress of Property: 12021 Scaggsville Rd  
Fulton MD 20759Date of Final Inspection: 6-26-09Installer: Garland BrianHoot Technician/Inspector: LEE Pumphrey

I hereby certify that the Hoot system installed at the property listed above has been installed according to proper Hoot installation practices. I also have verified the start up of the system and it is in proper working order.

Sincerely,

  
Name of Inspector  
Mayer Bros., Inc.

PH: 410-796-1434

Fax: 410-796-1438

WBE

NPCA Certified Plant

mayerbro@connect.net

www.mayerbrosprecast.com

Grease Interceptors, Grease Solutions, HOOT Aerobic Treatment Units, Septic Tanks, Holding Tanks, Storm Water Structures, Hydroceptor, Bench Barrier, Water Meter Vaults, Sectional Valve Vaults, Top Slabs, Curb Heads, Curb Bumpers, PermeEntry Basement Entries, Scapewell Window Wells, Custom Precast Products

Dana L. Bernard, Sanitarian  
Bureau of Environmental Health  
Well and Septic Program  
Bureau of Environmental Health  
7178 Columbia Gateway Drive  
Columbia, Maryland 21046-2147

October 17, 2008

Dear Ms. Bernard:

Enclosed is copy of ground plot plan.

- Notes:
1. well in front of existing house.
  2. distribution box (tank) for septic system has been added.
  3. do not have tag number for well.

Floor Plan

1. number of bedrooms will not increase.
2. existing small bedroom will be used a den/computer space.
3. addition will be enlarged bedroom plus closet space.

Do not understand applicant on Form HD-216(2/03).  
This form has not been completed. Do not believe  
application for testing necessary.

Dorothy C. Murphy  
12021 Scaggsville Road  
Fulton, Maryland 20759  
301-725-5824

Reference: Permit #B08002846

A handwritten signature in cursive script that reads "Dorothy C. Murphy". The signature is written in dark ink and is positioned below the typed name and address.



# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P-29648

A Repair

NOT APPROVED

4/17/79

HOWARD COUNTY

ELLICOTT CITY

DISTRICT

DATE 4/3/79

NO WORK PERFORMED AS OF 7/95  
ONLY RECORD OF  
EXISTING CONDITION  
INDEX AS "NOT APPROVED"  
(CW)

Sam Lyons

IS PERMITTED TO INSTALL ☒ ALTER ☒

INDEXED

ADDRESS

SUBDIVISION ROAD LOT

PROPERTY OWNER Carroll Murphy PHONE: 725-5824

ADDRESS 12021 Scaggsesville, Fulton, Md. 20759

SPECIFICATIONS 3 Bedrooms

SEPTIC TANK CAPACITY GALLONS

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

DEEP TRENCH DEPTH FEET, BOTTOM AREA SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA SQ. FT.

INLET PIPE FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA FT. FROM LOT LINE AND FT. FROM LOT LINE AS SEEN WHEN

FACING LOT FROM

REPAIR - CALL FOR INSPECTION WHEN GROUND IS OPENED UP SO SANITARIAN

CAN RECOMMEND REPAIR.

4-5-79 to call when hole dug F.F.

PLANS APPROVED BY Palmer F. Wine DATE 4/3/79

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

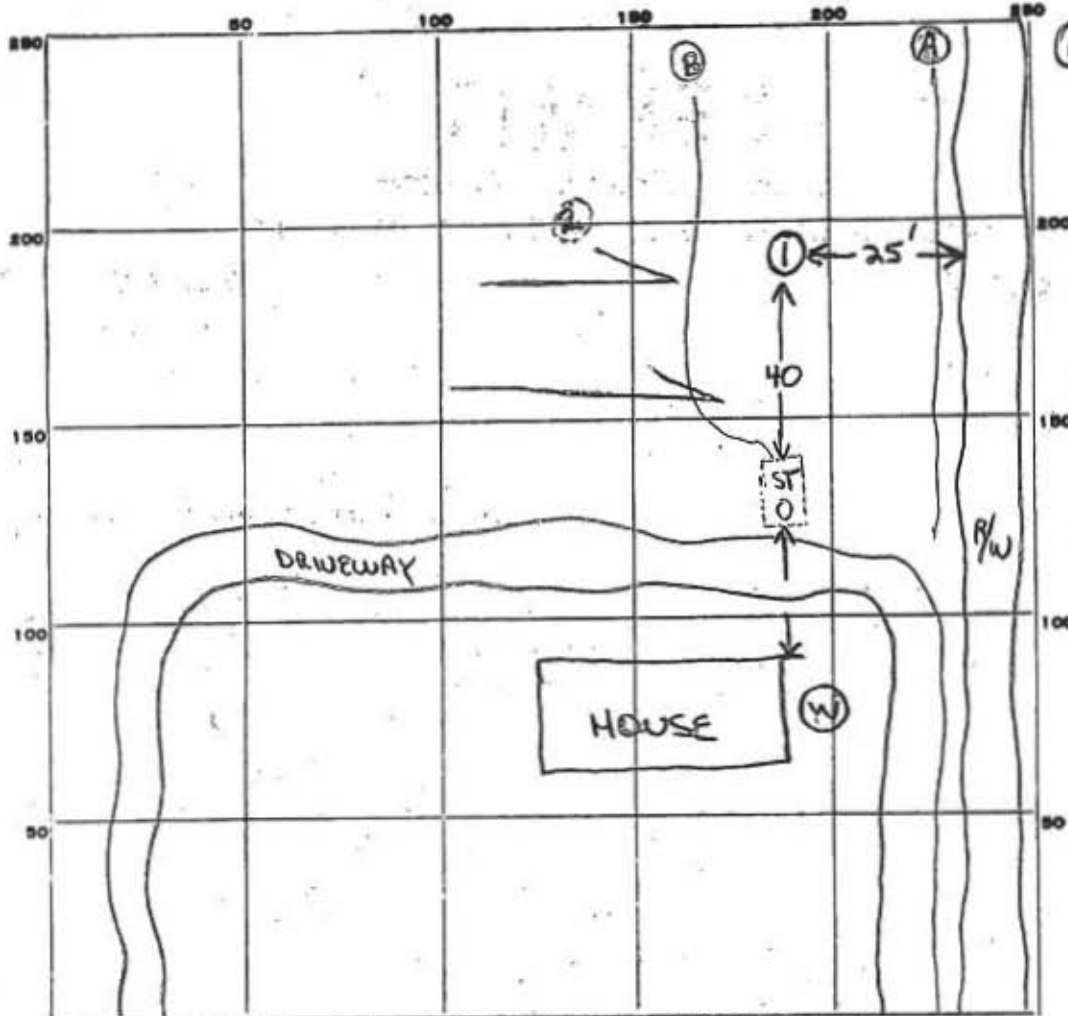
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

P-29648



① No pronounced clay layer  
micaceous  
SANDY LOAM  
WATER AT  
8'  
may be  
infiltrating  
into  
septic tank

US RT  
29

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

RT 216

PERMIT CARD

SEPTIC TANK, LEVEL

CLEANOUTS

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH \_\_\_\_\_ FT. TRENCH WIDTH \_\_\_\_\_ FT.

GRAVEL DEPTH \_\_\_\_\_ IN. TOTAL LENGTH \_\_\_\_\_ FT.

NUMBER OF TRENCHES \_\_\_\_\_ TOTAL BOTTOM AREA \_\_\_\_\_

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 17 Apr 79 - Requested owner contact this office when installer can be present at site. According to owner, old field (20 YRS) at (B) failed because of waste problems. Septic tank replaced & (D) added approx. 10 YRS. Ago. 19 Apr 79 - Met with installer (who would not speak to me) - instructed him to call when hole opened up near ST to see if there is infiltration & to have hole opened on higher ground (E) to check soil & water at (D) is ground water

DATE SYSTEM APPROVED

INSPECTOR

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

Valuation Number: 0018-009152  
Model Number: 2254572  
Doc Type: Easements  
Consideration Amount: \$0.00

000041

THIS AGREEMENT is made this 30th day of April, among Dorothy C. Murphy, 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 12021 Scaggsville Road, 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 7161 Folio 306.

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.

20  
20  
SE  
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.

- 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: 5-18-09

Dorothy C. Murphy  
Owner  
Dorothy C. Murphy

DATE: 5/1/09

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

DATE: 5/18/09

Bert Nipen  
Howard County Health Department

ONE PD SURE	20.00
RECORDING FEE	20.00
TOTAL	40.00
Reg# CH05	Rec# 73966
MIR JME	Blk # 1647
May 20, 2009	08:54 ar

Pod 5/18/09  
sub



Bureau of Environmental Health  
7178 Columbia Gateway Drive, Columbia, MD 21046-2147  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

April 29, 2009

Douglas Murphy  
12021 Scaggsville Road,  
Fulton, Maryland 20759

RE: Bay Restoration Fund On-site Sewage Disposal  
System Program

Dear Douglas Murphy,

The Health Department received your preliminary approval letter from the Maryland Department of the Environment for funding from the Bay Restoration Fund. This funding is for the installation of best available technology (BAT) for removing nitrogen as part of your on-site sewage disposal system.

Once the specific technology has been determined and approved by the Maryland Department of the Environment, you or your consultant will be responsible for providing a detailed cross-sectional/spec sheet of what is proposed to be installed at your property, i.e. new tank, BAT to be used with existing tank, etc. If a new tank is to be used, a drawing showing the new, detailed tank along with a profile showing the depth and amount of earth cover shall be submitted to this office. These details should be available from the manufacturer. If the existing tank is to be used, a structural analysis of the tank, i.e. water tightness, mid or top seam, cosmetic or physical damage, slotted, etc., needs to take place and approved by the manufacturer.

In addition, a scaled site plan showing the exact locations of the well and septic components, i.e. septic tank and dry well, must be submitted to this department for review. Neighboring septic systems and wells may need to be included on the site plan. Elevations of system components may be required based on site characteristics. Also submit contact information of the contractor that is to install the system, including a phone number. BAT systems may be subject to Howard County Health Department Code and the Annotated Code of Maryland Regulations (COMAR), i.e. setback to dwelling, existing drive, existing well, slopes, etc.

Once these comments have been addressed and allocated by the Health Department for completion in its entirety, the septic permit can then be released. A fee of \$396.00 is required to receive this septic permit for the above referenced property.

If you have further questions regarding this matter, please contact me at (410) 313-1771.

Sincerely,

Sara Sappington, R.S.  
Well and Septic Program