

LAYOUT 8/25/09 INSP 4 9/2/09  
INSP 2 8/28/09 INSP 5 \_\_\_\_\_  
INSP 3 9/1/09 INSP 6 \_\_\_\_\_

ISSUE DATE: 8/21/09

# PERMIT

P 531890

APPROVAL DATE: 10/13/09

A 517386

Tax ID # 05445469

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

South Carroll IS PERMITTED TO INSTALL  ALTER

ADDRESS: \_\_\_\_\_ PHONE NUMBER: 410.875.4197

SUBDIVISION: Fulton Ridge LOT NUMBER: 6

ADDRESS: 12131 Fulton Ridge Drive PROPERTY OWNER: Dustin Hill

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

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4 APPLICATION RATE: 0.8

SQUARE FOOTAGE OF HOUSE: >3501

LINEAR FEET OF TRENCH REQUIRED: 155

TRENCHES:	Trenches to b 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 6.0 feet below grade. Effective area begins at 4.0 feet below original grade. 3.0 feet of stone below distribution pipe.
LOCATION:	Install trenches at North end of SDA to avoid trees.
NOTES:	Install system per plan. Layout inspection required prior to system installation. Gravel tickets must be available to Sanitarians.

PLANS APPROVED: Sara Sappington DATE: 7/10/9

- 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**

NOT TO SCALE

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	3'	6'
NUMBER OF TRENCHES		2
TOTAL LENGTH		160
ABSORPTION AREA		
DISTRIBUTION BOX LEVEL		Level 6
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	Yes
BAFFLE FILTER	
MANHOLE LOC	Front/Rear
6" PORT LOC	None
WATERTIGHT TEST	
SLOTTED	Yes
DATE ON LID	

PUMP/SEPTIC TANK LEVEL

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

~~\*~~ See separate sheet for A-Bul 2

ROAD NAME

PRE-CONSTRUCTION:

8/25/09 Install Tank per approved SP plan. Set D box @ corner of SDA close to tank. Install 2x77' trenches on contour running across SDA. Contour verified in field. (KW)

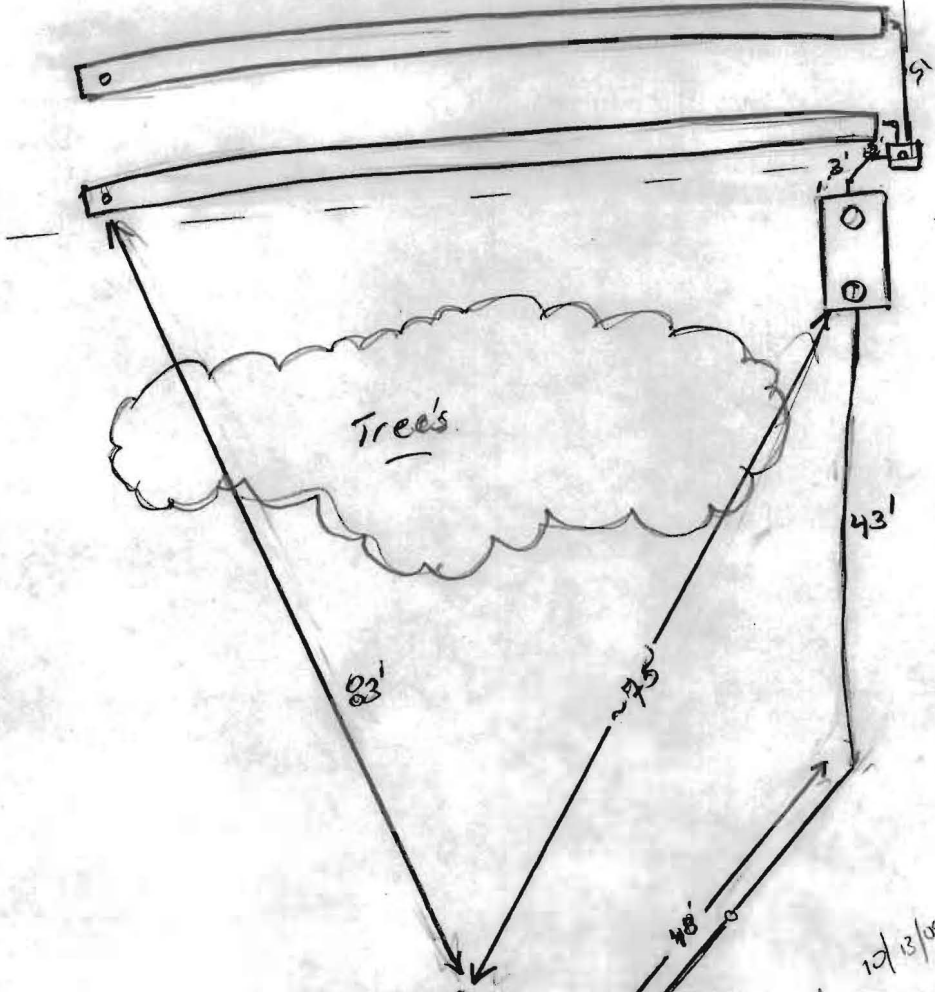
INSTALLATION: 8/28/09 S.T. Set. 4" s/c on ~ 20' from house. No one working. (KW) 9/1/09 Bottom trench installed. Top trench 90% completed. OK to backfill trenches when finished. 9/2/09 D box set w/ dist network. Levels adjusted. OK to backfill. Still need base considered. ~ 8' from driveway (KW) 10/15/09 House connection made. OK to cover (KW)

FINAL INSPECTOR

K. Wall

DATE OF APPROVAL

10/15/09



Trees

43'

48'

43'

installed  
~8' 10/13/09

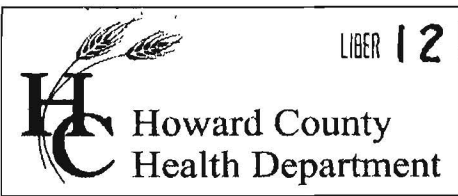
12/31 Fulbn Ridge Dr.  
lot (6)

H0-95-0540  
43'

Paper Drive  
60'

NOT TO SCALE





LIBER 12188 FOLIO 344

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

000092

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

AGREEMENT FOR APPROVAL OF AN INDIVIDUAL DRINKING WELL WITH AN ON-SITE TREATMENT SYSTEM

This agreement is entered into by and between the Howard County Health Department ("the Health Department") and Justin Hill ("the Owner").

WHEREAS, the Owner owns a tract of land at street address 12131 Fulton Ridge Dr., Fulton MD 20759 and the deed and subdivision plat of the property is recorded among the Land Records of Howard County, Maryland, Tax Map # 41, Block # 6, Parcel # 6, Deed Reference # and Tax Account # ("the Property").

WHEREAS, the Property lacks an available public drinking water source and is required to have an individual well as the source of drinking water for the residence of the property.

WHEREAS, the Owner has installed a residential drinking well under well permit HD-95-054D that has been tested by the Health Department (or a private laboratory certified to perform testing) for radionuclide particles. The results of the tests have shown that the gross alpha particle content and/or the gross beta particle content and/or the combined radium 226/228 levels exceeds the standards of 15 picocuries per liter (pCi /L), 4 millirems per year (mrem/yr) and/or 5pCi/L respectively.

WHEREAS, The Maryland Department of the Environment (MDE) has promulgated rules and regulations under which a Certificate of Potability may be issued and has delegated the authority to issue such Certificate to the Health Department.

WHEREAS, MDE regulations permit the Health Department to issue as a special condition, a permanent deviation to the Certificate of Potability for individual wells where treatment has been installed to meet the maximum contaminate levels (MCL's) for radionuclides.

WHEREAS, MDE has determined that radium can be effectively removed from the drinking water by the use of treatment devices (e.g., ion exchange or reverse osmosis).

WHEREAS, the Owner is requesting that the Health Department issue a Certificate of Potability contingent upon installation and maintenance of a water treatment device to reduce radionuclides.

WHEREAS, neither the Owner nor the Health Department has knowledge of an alternative safe source of water for the Property.

20
20
25

IMP FD SURE \$ 20.00
RECORDING FEE 20.00
TOTAL 40.00
Rec'd Case RCP # 86487
NIR JNE Blk # 443
Dec 04, 2005 01:35 PM

12188 FOLIO 345

NOW THEREFORE, the parties have agreed to the following terms and conditions:

1. The Owner will record this Agreement among the Land Records of Howard County, Maryland and provide confirmation to the Health Dept.
2. The Owner agrees to install and maintain a water treatment device, which effectively reduces the gross alpha, gross beta and radium levels to below their respective MCL. The Health Department shall verify that the treatment device is operating effectively and the Owner agrees to allow access to the Health Department to collect a follow-up sample(s).
3. The Health Department shall issue a Certificate of Potability for the well once follow-up sampling shows acceptable gross alpha, gross beta (short and long term) and radium 226 / 228 levels.
4. The Owner agrees that there shall be no liability on part of the Health Department for any immediate or long term impacts to health or property, under any circumstance or including, but not limited to, treatment device failure, improper maintenance or installation, or defect. The Health Department does not warrant nor guarantee that the device will adequately or properly function and the Owner agrees to implement and pay for any necessary changes or corrections.
5. The Owner acknowledges and agrees that neither the Health Department nor any of its agents or employees, either officially or individually, underwrites the operation of any system or treatment device.
6. This Agreement shall not be construed to limit any authority of the Health Department to protect the public health, safety or enjoyment of property or to issue any other orders to take any other action, which is now or may hereafter be within its authority.
7. This agreement contains the entire agreement and understanding between the Health Department and the Owner. 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 their authorized representatives.
8. The Agreement shall run with the land and binds the Owner, his heirs, successors, and assigns. The owner agrees to provide a copy of this agreement to any purchaser or lessee of the property.
9. The laws of the State of Maryland govern the provisions of all transactions.

The parties have signed and sealed this Agreement on the dates set forth below.

12/3/2009  
Date

[Signature]  
Owner Dustin Hill

Date  
12/4/2009  
Date

Owner  
[Signature]  
Howard County Health Department

\_\_\_\_\_  
Witness

\_\_\_\_\_  
Witness

Sara Sappington, R.S.  
Well and Septic Program  
Howard County Health Department  
7178 Columbia Gateway Drive  
Columbia, MD 210046

Re: Lot 6  
Fulton Ridge

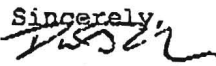
Mrs. Sappington:

I am writing to request a variance from the 10 foot setback between a lot line and a septic reserve area. The area I am requesting a variance for is the eastern side of my lot adjacent to lot 7. The reason I need the variance is the overall required trench length is not available due to the required stormwater management outfall location.

The Health Department, in a letter dated June 30, 2009 to Benchmark Engineering, Inc., you requested that the septic reserve area be adjusted away from this outfall location. In order to comply with that request and to provide adequate trench design it was necessary to encroach into the required setback by 5 feet. We will still have the ability to maintain the trenches as there will be 5 feet of area between the adjacent land and the septic reserve area. I do not feel that any of my neighbors will be impacted by this request as we maintain 100' of separation distance from the alternative well location on lot 7.

Thanks you for your time and effort on this project.

Sincerely,

  
Dustin Hill  
owner

