

Bureau of Environmental Health
 8930 Stanford Boulevard, Columbia, MD 21045
 Main: 410-313-2640 | Fax: 410-313-2648
 TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org
 Facebook: www.facebook.com/hocohealth

Maura J. Rossman, M.D., Health Officer

P **559886**

RECEIPT DATE: _____ **ONSITE SEWAGE DISPOSAL SYSTEM**

APPROVAL DATE: 01/05/2017 **PERMIT: CONSTRUCTION UPGRADE** A _____

PROPERTY ADDRESS: 12671 Lime Kiln Road, Fulton, MD 20759

SUBDIVISION: _____ LOT: _____ TAX ID: 05-369037

CONTRACTOR: JM Contracting EMAIL: _____

CONTRACTOR ADDRESS: 425 Obrecht Road PHONE: 443.277.7526

PROPERTY OWNER: Tom & Kim Monroe EMAIL: mdmonroes@gmail.com

OWNER ADDRESS: 12671 Lime Kiln Road, Fulton MD 20759 PHONE: 301.335.4653

SEPTIC TANK SIZE (GALLONS): 2000 TANK MANUFACTURER: Babylon

PUMP MODEL: _____ PUMP SIZE _____ PUMP TANK CAPACITY: _____

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE: 0.6

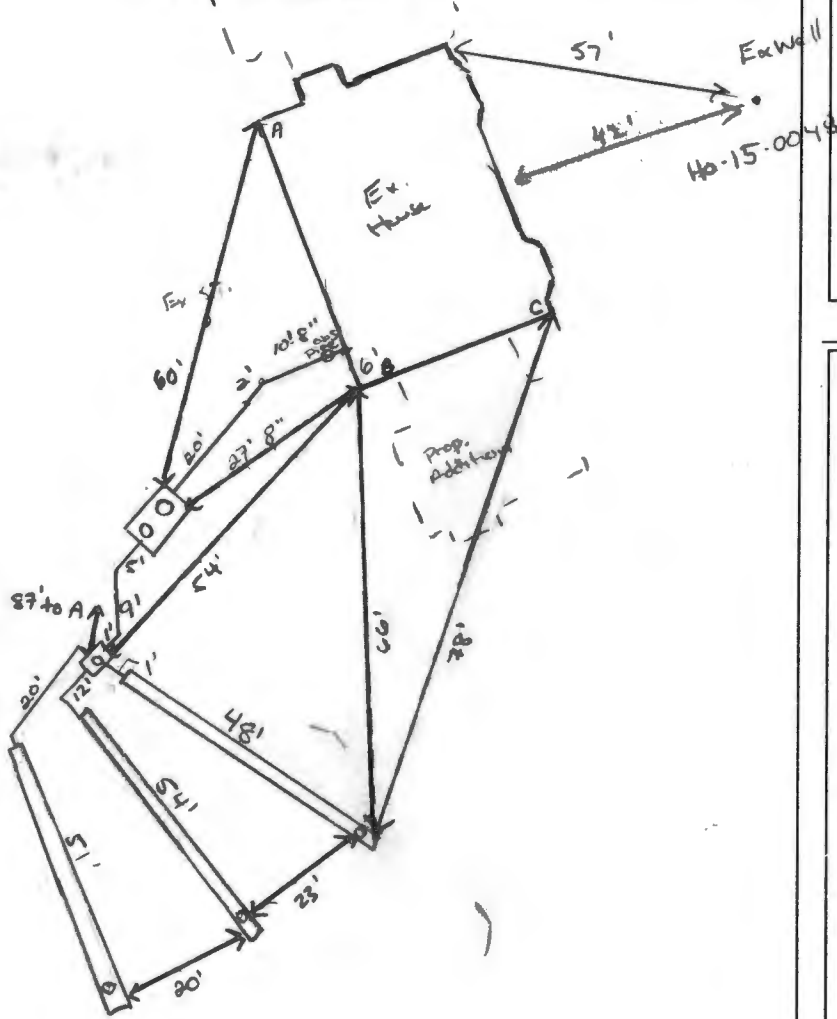
TRENCHES:	LINEAR FEET REQUIRED: <u>148.8</u> <u>0.5</u>	INLET DEPTH: <u>3</u> ✓
	TRENCH WIDTH: <u>3</u> ✓	MAXIMUM BOTTOM DEPTH: <u>8</u> ✓
	MINIMUM SPACE BETWEEN TRENCHES: <u>13</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3</u> ✓
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND TANK LOCATIONS MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Abandon old septic system at time of installation of new system.	

ISSUED BY: Hank Oswald ISSUE DATE: 12/27/16 EXPIRATION DATE: 12/27/17

- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- NOTE: WATERTIGHT TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE AT LEAST 100 FEET DOWNGRADIENT FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS
- NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM
 ELECTRICAL PERMIT ISSUED E _____
- NOTE: MDE RECOMMENDS SEPTIC TANKS, BAT, AND OTHER PRETREATMENT UNITS BE PUMPED AT A FREQUENCY ADEQUATE TO ENSURE THAT SOLIDS ARE NOT DISCHARGED TO THE DISPOSAL AREA

**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.
 CALL 410-313-1771 TO SCHEDULE INSPECTIONS.**

NOT TO SCALE



ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3	3	8
NUMBER OF TRENCHES 3		
TOTAL LENGTH 163		
ABSORPTION AREA 489 + Side well		
DISTRIBUTION BOX LEVEL yes		
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	10"
BAFFLES	yes
BAFFLE FILTER	N/A
MANHOLE LOC	FRONT/REAR
6" PORT LOC	N/A
WATERTIGHT TEST	YES
SLOTTED	yes
DATE ON LID	11/13/10

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	

PRE-CONSTRUCTION:

12/8/2016 Septic field area not staked. Field marked using on site garage disposal plan (Dec 2016) shot elevations in field. Install 3x50' trenches per plan. Trenches will widen ~20' apart @ ends. Call for inspection. (new)

INSTALLATION: 12/29/2016 Third trench observation pipe is solid and without perforations. Used #57 stones. Measured 8' to bottom of second trench. Contractor finished second trench during site visit. @ 12/29/2016 PM - First trench completed. Requested use of laser level. Not on site while working, cannot confirm usage of laser level. @ 12/30/2016 On site for tank delivery. No cracks observed during setting. Checked tank level. [PM] Set distribution box speed levelers. Old septic not yet located, pumped, and abandoned. @ Email confirmed pump + collapse of previously existing septic pump and dry well.

FINAL INSPECTOR JOSEPH CROTTUG DATE OF APPROVAL 01/05/2017

Fyock Septic Service, Inc.

P. O. Box 89
 Glenelg, MD 21737
 410-988-9270 Office
 410-531-1256 Fax

Invoice

Date	Invoice #
1/9/2017	207271

Pay To Ronnie Heaps

Bill To	Service Location
Covey Construction & Consulting LLC 12671 Lime Kiln RD Fulton, MD 20759	

Customer Contact	Spencer	Customer Phone	410-375-5843
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Rep	P.O. No.	Last Serviced	Frequency	Terms	Due Date
		1/9/2017	WILL CALL		1/9/2017

Service	Description	Rate	Miles/Gallons	Amount
Commercial ...	Pump Out Septic Tank As Requested	300.00		300.00
Fuel	Fuel Surcharge	10.00		10.00
4000 Gallon	County Disposal Fee	120.00		120.00

Notice To Customer: I understand that Fyock Septic Service is NOT responsible for any damage to property while rendering services at the above address.

Total \$430.00

Customer Signature: _____ Date: *1/9/17*

Comments



Serviced By *Skip*
 Check #

**MAKE CHECK
 PAYABLE TO
 FYOCK SEPTIC
 SERVICE**

Freemon, Robert

From: melissacurlett <melissacurlett@verizon.net>
Sent: Thursday, January 05, 2017 1:42 PM
To: Freemon, Robert
Subject: 12671 Lime Kline Road Fulton, MD

J.M. Contracting llc
425 Obrecht Road
Sykesville, MD 21784
443-277-7526

To whom it may concern,

J. M. Contracting LLC dug exciting septic tank and dry well. Frock septic pumped both tank and dry well. We then clasped and filled both with dirt.

If you have any questions please feel free to call Ronnie Heaps 443-277-7526

Sent from my Verizon, Samsung Galaxy smartphone

- Sent Email Basic Asking For Invoice 1/5

11-4-68 9:30 10-31-68 11/18/68 approved JWR

PERMIT

P-14009

A-13722

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

INDEXED

DISTRICT 5

DATE 10/14/68

Galvin Miles IS PERMITTED TO INSTALL ALTER

ADDRESS Rt. 216 - Fulton, Md. PHONE 725-5311

A SEWAGE DISPOSAL SYSTEM LOCATED AT _____

SUBDIVISION _____ ROAD Lime Kiln & LOT _____

PROPERTY OWNER Lester Tayman Brown Bridge Rd.

ADDRESS _____

SPECIFICATIONS ~~3 bedrooms~~ 2 BED ROOMS BY COUNT R.H.

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

SEPTIC TANK CAPACITY 750 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER ~~Dry well - 525 sq. ft. absorbent sidewall area to begin below the first 6 ft. of non-absorbent ground. Use 2 dry wells - each dry well to be dug 11 ft. sq. (set block and top for 10 ft. diameter and fill in rest of pit with gravel) each dry well to have absorbent area of 6 ft. below the first 6 ft. of non-absorbent ground. Place each dry well 47 ft. from front lot line (Lime Kiln Rd. line) with one dry well 117 ft. from the left side line and second dry well about~~

PLANS APPROVED BY James T. Wright DATE 7/12/68

150 ft. from left side line as seen when facing from Lime Kiln Road. *Dry wells FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

must be 33 ft. apart edge to edge - can be connected in series or dist. box used. NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

10/31/68: RETESTED. DRY WELL - 300 SPFT SIDEWALL AREA BELOW THE INLET WITH A MAXIMUM DEPTH BELOW GRADE OF 12 FT. PLACE THE DRY WELL BETWEEN 50 FT AND 70 FT FROM THE RIGHT FRONT CORNER OF THE

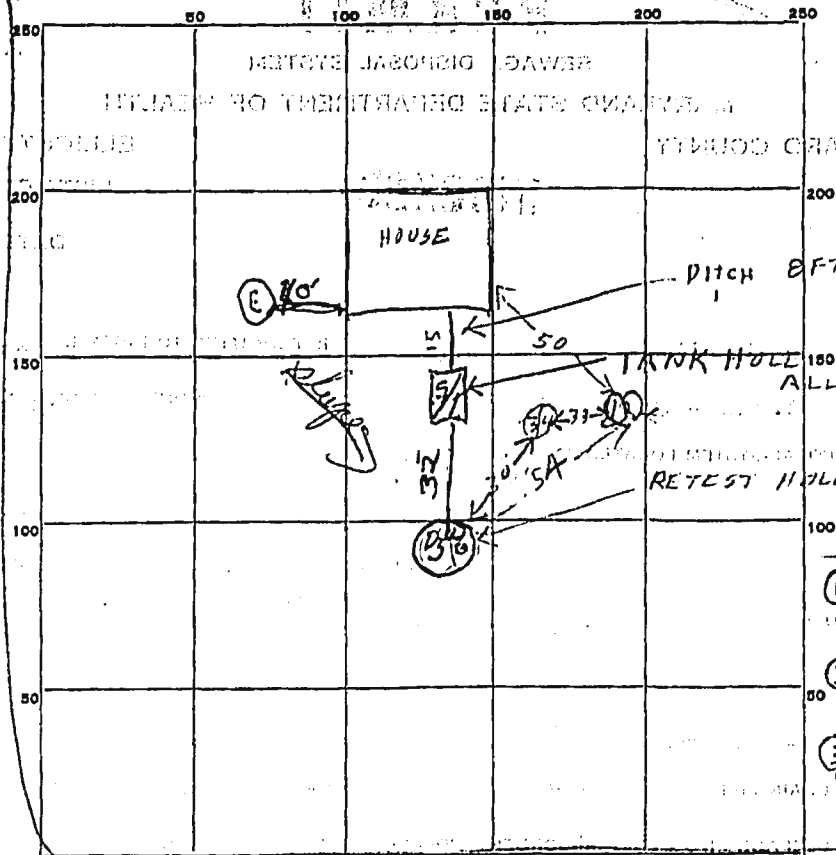
NOTIFY THE HEALTH DEPARTMENT 48 HOURS BEFORE EXCAVATIONS ARE TO BE BACK FILLED

HOUSE TOWARD BROWN BRIDGE RD. THIS IS THE RIGHT FRONT CORNER OF HOUSE AS SEEN WHEN FACING THE LOT FROM BROWN BRIDGE RD. THIS HOUSE HAS ONLY 2 BEDROOMS R/H

13722

24
24
76
79
380
322
3600

LIME KILN RD



LEGEND
 (E 10) = ORIGINAL TEST HOLE
 (S 10) = ORIGINAL TEST HOLE
 (S 16) = RETEST TEST HOLE

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

BROWN BRIDGE RD

PERMIT CARD OK

SEPTIC TANK, LEVEL 750 Concrete

CLEANOUTS OK

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 15x11 10 FT. DEPTH BELOW INLET 7 1/2 FT.

ABSORBENT AREA 360 SQ. FT.

REMARKS _____

DATE SYSTEM APPROVED 11/4/68

INSPECTOR James T. Wright

55

*Specified
7/17/68
9:30*

APPLICATION

A 13722
P _____

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY *septic tank 750 gallons*

ELLICOTT CITY

Septic Tank - 750 gal.

DISTRICT 5

Dry Well - 525 sq ft absorbent side wall area to begin DATE 7/11/68
below the first 6 ft of non absorbent ground. Use 2 dry wells - each

Dry well to be dug 11 ft deep at block and top for 10 ft diameter & fill in rest of pit with gravel - each dry well to have absorbent area of 1/2 ft - ~~unsubstantiated~~
~~high~~ 1/2 ft below the first 6 ft of non absorbent ground.

Please each Dry Well 474 ft from front lot line (Lime Kiln Rd line)
with one dry well 117 ft from left side line and second dry well about
150 ft from left side line as seen when facing from
Lime Kiln Rd.

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Leater Taysan

ADDRESS Lime Kiln & Brown Bridge Rd. PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION Lime Kiln & Brown Bridge Rd.

OCCUPANT _____ PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____ PHONE _____

SIZE OF LOT 8.524 acres TYPE BLDG. 3
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT /s/ Donna F. Miles

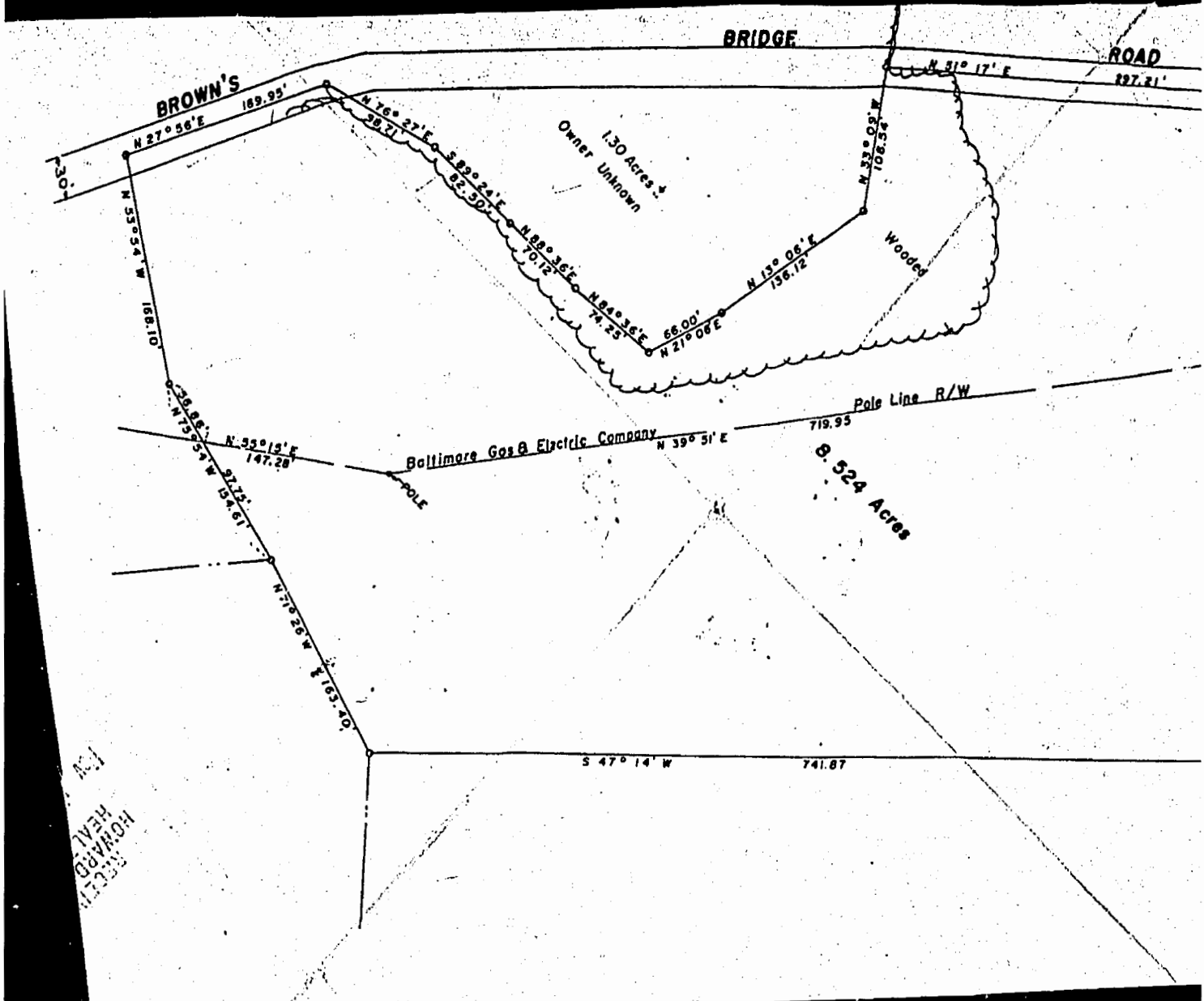
APPROVED BY James T. Wright FOR 2 Dry Wells DATE July 12, 1968
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



REC'D
HOWARD
HEAD
MAY 19 1900

Freemon, Robert

From: Tom & Kim Monroe <md.monroes@gmail.com>
Sent: Thursday, December 15, 2016 9:25 AM
To: Lynn Covey; Freemon, Robert; Stephanie Tuite
Subject: Re: Septic plan approval

Hello, Stephanie and Robert (Spencer?),

We (the property owners) completely concur with Lynn. If there's anything either of you needs from us, you can reach us at 301-335-4653 (Kim's cell), 301-688-1489 (my work), or 301-776-8256 (home).

Thanks for your work,
Tom and Kim Monroe

On 12/15/2016 8:23 AM, Lynn Covey wrote:

To Everyone,

I really need to try and have the septic plan for the Monroes approved today! Way too much time has passed on this job and now with cold weather setting in will make it much more difficult and costly for my company to begin construction and has added extra costs for the clients, Tom and Kim Monroe.

I need you Robert and Stephanie to confirm whatever might still be outstanding today and then Robert for you to sign off today so I can get the septic permit and then have the installer confirmed on schedule asap, especially with Christmas 1 week away and then everyone closes down. We cannot afford to lose any more time and money and I need this email to be taken very serious.

Respectfully,
Lynn Covey
Owner/GC/Pres.

Freemon, Robert

From: Freemon, Robert
Sent: Monday, December 12, 2016 9:46 AM
To: 'Stephanie Tuite'
Cc: 'md.monroes@gmail.com'
Subject: RE: 12671 Lime Kiln Road
Attachments: 12671 Lime Kiln Rd. 2.pdf; OSDS design plan requirements 11.21.16.pdf

Hey Stephanie,

As long as three systems can fit inside the SDA they will not need a BAT Unit. I have attached my comments for the OSDS. I have also CC'd Kim Monroe in this email as per her request. If you have any questions let me know.

Robert Freemon

Howard County Health Department

8930 Stanford Blvd. Columbia, MD 21045

Well and Septic Program

Bureau of Environmental Health

Phone: 410-313-6357

Email: rfreemon@howardcountymd.gov

<https://www.howardcountymd.gov/Departments/Health/Environmental-Health/Well-and-Septic>

From: Stephanie Tuite [<mailto:Stephanie@fcc-eng.com>]

Sent: Sunday, December 11, 2016 8:42 PM

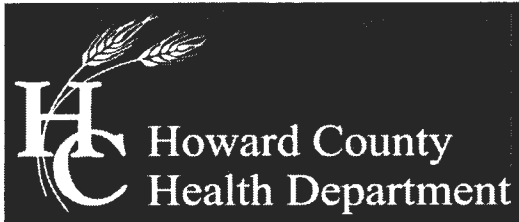
To: Freemon, Robert

Subject: 12671 Lime Kiln Road

I understand from the builder that the new septic system needs to be installed ahead of the building permit being approved. Not sure I understand this, especially since the building permit is typically approved ahead of the septic permit. If this is true, the builder was hoping to be 100% sure that he could install a standard septic tank as opposed to a BAT system. Can you confirm this?

Steph





Bureau of Environmental Health

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Facebook: www.facebook.com/hocohealth

Twitter: HowardCoHealthDep

Maura J. Rossman, M.D., Health Officer

MEMORANDUM

TO: Stephanie Tuite
Fisher, Collins & Carter, Inc.
10272 Baltimore National Pike
Ellicott City, MD 21042

FROM: Robert Freemon *RF*
Well & Septic Program

RE: 12671 Lime Kiln Rd.
Fulton, MD 20759
"OSDS Plan"

DATE: 12/12/2016

I have reviewed the Onsite Sewage Disposal System Plan and here are my comments.

- The title needs to be changed to "Onsite Sewage Disposal System Design Plan".
- A cross section of the inside wall dimensions (height, width, length) of the two compartment septic tank must be shown on the plan. The name of the manufacturing company along with the make and model must be included with the cross section.
- The location of the existing well inside the well box is not accurate. The well tag number must be labeled with the existing well in its accurate location.
- The existing septic system must be labeled "To Be Abandoned".
- Change Note 2 to say: "Any change to the locations or depths to any components must be approved by the engineer and the Howard County Health Department prior to installations. A revised site plan may be required".
- Add the Note: "The maximum earth cover over the tank is 3 feet. Greater earth cover will require a heavy load bearing tank."
- Add the Note: "Electrical work for the installation must be performed by a licensed electrician."
- Add the Note: "The well HO-15-0048 has been field located and is accurately shown."
- In the legend change, "Denotes Existing or Proposed Well" to "Denotes Existing Well".
- The Profile View must include the connection and invert elevation of the gravity line coming out of the house. This does not have to be exact however we need to know where to the line is coming out of the house and its relative elevation.
- The Inv. Out of Septic Tank elevation needs to be corrected.
- The Profile view must include the initial set of trenching.
- The Inv. into Distribution Box needs to be corrected.

- The trench information (Trench Length, Ground Elevation, Invert Elevation, Max Bottom Depth Elevation) needs to be shown for every trench.
- The 2" perforated pipe is not an appropriate diameter for a gravity trench. An appropriate diameter for a perforated pipe would be 4".
- The initial system has two trenches with one measuring 100ft and the other measuring 49ft. All trenches within a system must be equal length or low pressure dosed.
- The maximum trench length allowed is 100ft. The 1st replacement and 2nd replacement must be revised.
- Individual trenches cannot contain T bends in them. Bends of 45° or less could be acceptable.

Freemon, Robert

From: Freemon, Robert
Sent: Monday, December 12, 2016 11:47 AM
To: 'Stephanie Tuite'
Subject: RE: 12671 Lime Kiln Road
Attachments: OSDS design plan requirements 11.21.16.pdf

Hey Stephanie,

Much of the information we require on BAT Plans are required on Onsite Sewage Disposal System (OSDS) Design Plans. The OSDS Design Plan Requirements sheet I sent you on 12/1/16 tells you we need a cross section of the septic tank (#11) along with initial and replacement perforated pipe elevations (#13). The 100ft trench max has been in effect for some time now. If a 100ft trench is split into 2-50ft trenches this must be shown on the plan. Keep in mind the trenches must be equal lengths. A 149ft trench does not split evenly into 3-50ft trenches. The plan must clearly show the layout of the OSDS. We do not assume anything about the plan that is not directly shown.

Robert Freemon
Howard County Health Department
8930 Stanford Blvd. Columbia, MD 21045
Well and Septic Program
Bureau of Environmental Health
Phone: 410-313-6357
Email: rfreemon@howardcountymd.gov
<https://www.howardcountymd.gov/Departments/Health/Environmental-Health/Well-and-Septic>

From: Stephanie Tuite [<mailto:Stephanie@fcc-eng.com>]
Sent: Monday, December 12, 2016 9:56 AM
To: Freemon, Robert
Subject: RE: 12671 Lime Kiln Road

I do have question about a couple of your comments. We have never had to add a profile of a septic tank previously. Is this something new? Septic installers usually use their manufacturers they deal with. We have only ever shown Tank details with the BATs. Not sure I understand the issue with 100 foot trench. I am showing a line coming in the center of the trench which would make it 50 foot each and not 100 ft. If it helps I will label it as 50 feet on each side. I am also not sure what you mean by every trench with regard to the table of information. We provided information for the initial trenches. It was assumed that the replacement trenches would be split into 3. If it helps, I can add three labels to indicate this.

Steph

Stephanie Tuite, RLA, PE, LEED AP BD&C
FISHER, COLLINS & CARTER, INC.

From: Freemon, Robert [<mailto:rfreemon@howardcountymd.gov>]
Sent: Monday, December 12, 2016 9:46 AM
To: Stephanie Tuite <Stephanie@fcc-eng.com>
Cc: md.monroes@gmail.com
Subject: RE: 12671 Lime Kiln Road

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Robert Freemon

Howard County Health Department

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Sent: Sunday, December 11, 2016 8:42 PM

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