

**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](http://www.hchealth.org)  
 Facebook: [www.facebook.com/hocohealth](http://www.facebook.com/hocohealth)

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

RECEIPT DATE: 5/9/18      **ONSITE SEWAGE DISPOSAL SYSTEM**      P 562993  
 APPROVAL DATE: 6/14/18 SEC      **PERMIT:**      **REPAIR**      A \_\_\_\_\_  
 PROPERTY ADDRESS: 9425 Old Frederick Road  
 SUBDIVISION: \_\_\_\_\_ LOT: \_\_\_\_\_ TAX ID: 02-233630  
 CONTRACTOR: Fogle's Septic Clean Inc.      EMAIL: kim@foglesinc.com  
 CONTRACTOR ADDRESS: 580 Obrecht Road, Sykesville, MD 21784      PHONE: 410-795-5670  
 PROPERTY OWNER: Martha Clarkson      EMAIL: \_\_\_\_\_  
 OWNER ADDRESS: 9425 Old Frederick Road, Ellicott City, MD 21042      PHONE: 410-530-5988

SEPTIC TANK SIZE (GALLONS): \_\_\_\_\_ PUMP CHAMBER CAPACITY (GALLONS): N/A PUMP SIZE: N/A  
 NUMBER OF BEDROOMS: 3 (4 Proposed) HOUSE SQ. FT. — APPLICATION RATE: 0.8  
 DISTRIBUTION SYSTEM: GRAVITY FED       LOW PRESSURE DOSED       ~80 ton stone

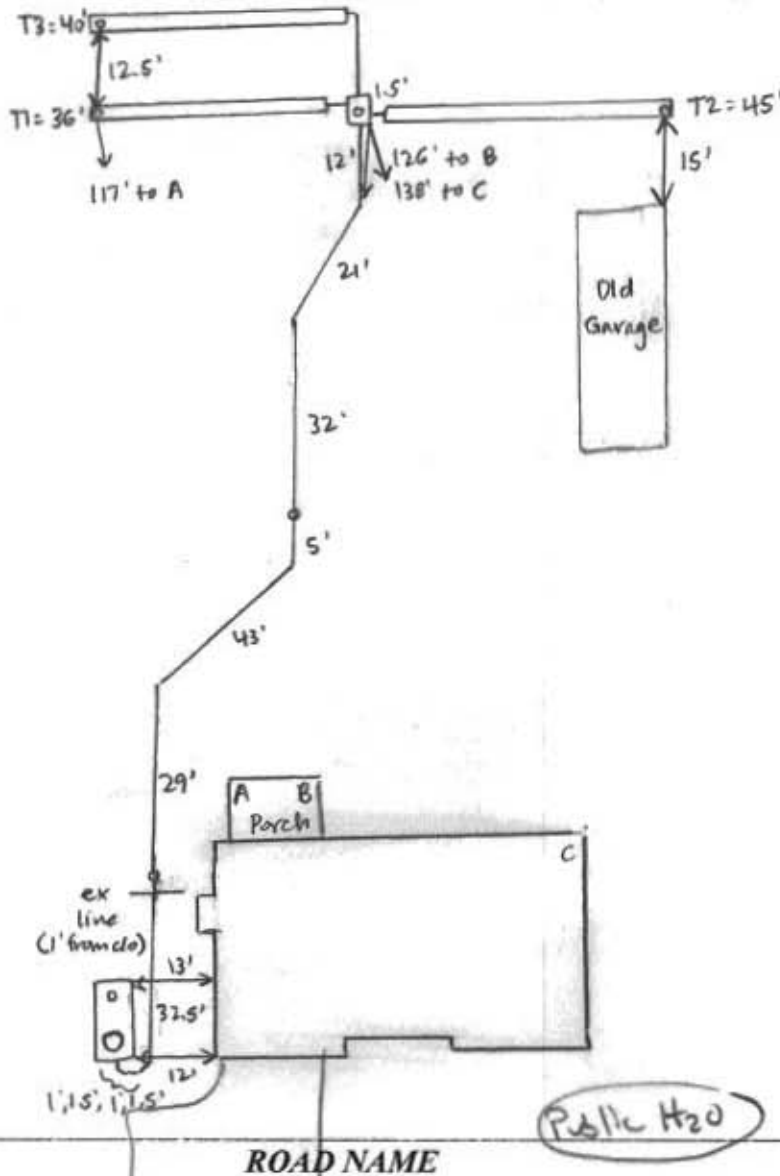
TRENCHES:	LINEAR FEET REQUIRED: <u>116</u>	INLET DEPTH: <u>2'</u>
	TRENCH WIDTH: <u>2'</u>	MAXIMUM BOTTOM DEPTH: <u>8'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>11' ±</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3'</u>
LOCATION:	<b>TO BE STAKED BY SANITARIAN DURING PRE-CONSTRUCTION INSPECTION.</b>	
NOTES:	Install 3 x 38' trenches in both directions over perc @. Property lines marked. Dbox in middle. Pump/collector ca. Dry well. 3 BR Design = 90'	

ISSUED BY: K. Wolf      ISSUE DATE: 5/24/18      EXPIRATION DATE: 5/24/19

- 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 SEPTIC 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 N/A
- NOTE: THE HCHD DOES NOT WARRANTY ANY SYSTEM AND CANNOT GUARANTEE THE PERFORMANCE OF THIS SYSTEM AS DESIGNED. BY ACCEPTING THIS PERMIT, THE OWNER AND/OR APPLICANT ACKNOWLEDGE THAT THE SPECIFICATIONS DETAILED IN THIS DESIGN ARE ONE POSSIBLE OPTION AND THAT THE HCHD WILL REVIEW OTHER PROPOSALS. YOU HAVE THE OPTION TO SEEK THE ADVICE OF A QUALIFIED DESIGN CONSULTANT OR PROFESSIONAL ENGINEER FOR FURTHER GUIDANCE.
- 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



**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
2'	2'	0'
NUMBER OF TRENCHES		3
TOTAL LENGTH		121'
ABSORPTION AREA		242' + SIDEWALL
DISTRIBUTION BOX LEVEL		YES
DISTRIBUTION BOX BAFFLE		YES
DISTRIBUTION BOX PORT		YES

**SEPTIC TANK DATA**

SEPTIC TANK I LEVEL	YES
MANUFACTURER	(EXISTING)
CAPACITY	1000 GAL per Fogle
SEAM LOC	MID
TANK LID DEPTH	2.5'
BAFFLES	YES
BAFFLE FILTER	NO
MANHOLE LOC	REAR
6" PORT LOC	FRONT
WATERTIGHT TEST	NONE
SLOTTED	NO
DATE ON LID	

~~PUMP/SEPTIC TANK LEVEL~~

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

PRE-CONSTRUCTION:

5/24/18 laid out system for 4 bedroom design per buyers. Ex House 3br. Contractor will let me know which design to go with. Ex s.t. to suit 4 BR design is a 1250. New trenches to be located near porch dist B. Dbox to be set in middle via 3x38' trenches in both directions. (circled) 6/8/18 confirmation from contractor installing 4 BR design for trenches. (circled) INSTALLATION: s.t. install @ this time (circled) 6/13/18 Trenches complete + left open @ ends for inspection. 1.5' to stone, 2' wide. Pipe to TI looks flat, little flow out of D-box, Fogle's dug out some dirt from under pipe to make fall. [Corrective action + completed.] Line not yet tied into tank. (circled) 6/14/18 Dry well pumped + filled in. Fogle's used #2 stone followed by #57 stone. No driveway cut out, Fogle's said they could fill in whole thing w/o removing. Existing sewer line @ house is cast iron - Fogle's dug through + replaced w/ section of 4" PVC pipe. Fogle's replacing some of sewer line installed yesterday to make fall. (circled) 6/14/18 Sewer line connected. Bends covered, got approx. measurements (circled)

FINAL INSPECTOR Sarah Collins DATE OF APPROVAL 6/14/18 (circled)



## Wolf, Kevin

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**From:** Davis, Daniel  
**Sent:** Tuesday, May 15, 2018 4:13 PM  
**To:** Beschner, Ross; Knight, Zack; Campbell, Don F  
**Cc:** Wolf, Kevin  
**Subject:** RE: 9425 Old Frederick Road 02-233630

All,

Thanks Zack and Ross for developing a path for the requesting owner and also thinking of the next owners down the line. My thoughts on the alignment and timeline are as follows:

1. My preference would be to acquire an easement parallel to the adjoining property line between #9431 and #9429. The sewer and 20' easement should be straightened out to run with the property line. Based on W/S Contract 4114, MH #4114-M-1 is about 12.5 feet north of their adjoining property line.
2. The need for an easement makes quick action difficult here. Hopefully #9429 will willing grant. Assuming yes. As a capital project [#9425 will not want to bear the burden of constructing an 8" public sewer] #9425 will be required to provide a 20-foot easement across his/her lot for the future extension to #9421 – *at a minimum*. In the interest of time and common sense we would seek to get easements clear across to #9409 and construct once. We would query all the impact owners during design to determine if they are willing to grant needed easements now as opposed to when their septic fails.
3. With easements involved a routine extension is not allowed. To speed this request along we could propose to perform design and construction under the on-site septic system conversion program (S6699). This would shave at least 1 year off the timeline – the alternative, an individual capital project, cannot be introduced and approved for design then construction until FY20.

Kevin,

As you can see we have a path forward however it will take time. Please discuss with your owner or forward them to my attention if you'd like me to explain the capital process of providing public sewer service. Also drop me a line if you would like to discuss the replies in detail.

Regards,

-daniel

daniel L. davis, P.E.  
Chief - Utility Design Division

Department of Public Works  
Bureau of Engineering  
9250 Bendix Road

**From:** Beschner, Ross  
**Sent:** Tuesday, May 15, 2018 3:19 PM  
**To:** Knight, Zack <zknight@howardcountymd.gov>; Campbell, Don F <DFCampbell@howardcountymd.gov>; Davis, Daniel <ddavis@howardcountymd.gov>  
**Cc:** Wolf, Kevin <KWolf@howardcountymd.gov>  
**Subject:** RE: 9425 Old Frederick Road 02-233630

Well done.

Ross A. Beschner, P.E.  
Deputy Chief, Bureau of Utilities  
Howard County Department of Public Works  
Tel: 410-313-4974  
Cell: 301-633-8831  
[rbeschner@howardcountymd.gov](mailto:rbeschner@howardcountymd.gov)

**From:** Knight, Zack  
**Sent:** Tuesday, May 15, 2018 3:12 PM  
**To:** Campbell, Don F <[DFCampbell@howardcountymd.gov](mailto:DFCampbell@howardcountymd.gov)>; Beschner, Ross <[rbeschner@howardcountymd.gov](mailto:rbeschner@howardcountymd.gov)>; Davis, Daniel <[ddavis@howardcountymd.gov](mailto:ddavis@howardcountymd.gov)>  
**Cc:** Wolf, Kevin <[KWolf@howardcountymd.gov](mailto:KWolf@howardcountymd.gov)>  
**Subject:** RE: 9425 Old Frederick Road 02-233630

I agree that an extension across the backyards is the best option for #9425, and that each neighbor should extend the 20' wide public sewer easement in kind as each neighbor requires sewer. The attached figure sketches in what the sewer extension would look like. Taking a broader look at these older homes by Mt. Hebron, the best way to serve nearby Suland Circle is also shown. Note that all extensions are conditional on obtaining easements, which can be difficult.

Daniel - any final thoughts?

Thanks - Zack

**Zack Knight**  
410.313.6125 (direct)

**From:** Campbell, Don F  
**Sent:** Tuesday, May 15, 2018 9:36 AM  
**To:** Beschner, Ross <[rbeschner@howardcountymd.gov](mailto:rbeschner@howardcountymd.gov)>; Davis, Daniel <[ddavis@howardcountymd.gov](mailto:ddavis@howardcountymd.gov)>; Knight, Zack <[zknight@howardcountymd.gov](mailto:zknight@howardcountymd.gov)>  
**Cc:** Wolf, Kevin <[KWolf@howardcountymd.gov](mailto:KWolf@howardcountymd.gov)>  
**Subject:** RE: 9425 Old Frederick Road 02-233630

Ross,

Just for clarity for all concerned, the property owner would need to execute the rights-of-way before an ADO could be processed (i.e., acquisition of ROW is not something to be done as part of the ADO process). Also, the property owner would probably want the County to construct the extension.

Don  
*Don Campbell, P.E., Chief*  
*Water & Sewer Planning Division*  
*Howard County DPW/Bureau of Utilities*  
*8250 Old Montgomery Road, Columbia MD 21045*  
*ph. 410.313.1438; fax 410.313.4919*

**From:** Beschner, Ross  
**Sent:** Monday, May 14, 2018 3:47 PM  
**To:** Davis, Daniel <[ddavis@howardcountymd.gov](mailto:ddavis@howardcountymd.gov)>; Knight, Zack <[zknight@howardcountymd.gov](mailto:zknight@howardcountymd.gov)>  
**Cc:** Wolf, Kevin <[KWolf@howardcountymd.gov](mailto:KWolf@howardcountymd.gov)>; Campbell, Don F <[DFCampbell@howardcountymd.gov](mailto:DFCampbell@howardcountymd.gov)>  
**Subject:** RE: 9425 Old Frederick Road 02-233630

Zack:

The best way to serve this property while also considering other nearby properties that may have similar problems in the future is for the property owner to execute an ADO for a 20 ft public rights-of-way between 9429 and 9431 Old Frederick Road and a 110 ft 8-inch public extension to 9425 Old Frederick Road. 9425 Old Frederick Road would also need to provide a 20 ft public rights-of-way across their property for a future main line extension to service 9421 Old Frederick Road. If we allowed only a connection to be installed to serve 9425 Old Frederick Road, it would eliminate a cost effective way of providing sewer service to other properties along Old Frederick Road.

Ross A. Beschner, P.E.  
Deputy Chief, Bureau of Utilities  
Howard County Department of Public Works  
Tel: 410-313-4974  
Cell: 301-633-8831  
[rbeschner@howardcountymd.gov](mailto:rbeschner@howardcountymd.gov)

**From:** Davis, Daniel  
**Sent:** Monday, May 14, 2018 11:22 AM  
**To:** Knight, Zack <[zknight@howardcountymd.gov](mailto:zknight@howardcountymd.gov)>  
**Cc:** Wolf, Kevin <[KWolf@howardcountymd.gov](mailto:KWolf@howardcountymd.gov)>; Campbell, Don F <[DFCampbell@howardcountymd.gov](mailto:DFCampbell@howardcountymd.gov)>; Beschner, Ross <[rbeschner@howardcountymd.gov](mailto:rbeschner@howardcountymd.gov)>  
**Subject:** FW: 9425 Old Frederick Road 02-233630

Hi Zack,

Please take a look at this address for failing septic and respond to Kevin with available options. At quick glance I noticed a public sewer to the west that has potential however an easement across the adjacent owners property would be required.

Thanks,

-daniel

**From:** Wolf, Kevin  
**Sent:** Monday, May 14, 2018 9:40 AM  
**To:** Davis, Daniel <[ddavis@howardcountymd.gov](mailto:ddavis@howardcountymd.gov)>  
**Subject:** 9425 Old Frederick Road 02-233630

Daniel,  
I have a property that has a failing septic system. I show them inside the metro area with public water but no sewer. Can you tell me if this property has access to sewer?

Thanks,

Kevin M. Wolf, LEHS, REHS/RS

Groundwater Mgmt. Sec. Supervisor  
Well & Septic Program  
Bureau of Environmental Health  
8930 Stanford Blvd.  
Columbia, MD 21045  
(o) 410-313-2645  
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[kwolf@howardcountymd.gov](mailto:kwolf@howardcountymd.gov)

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# HOWARD COUNTY HEALTH DEPARTMENT

62993

5/17/18 DATE

P5

Received From

Tylos Septic Cooper PHONE # 410-795-3670

For

Perc Repair / 9425 Old Woodcock Rd.

CASH

CHECK

NO.

00134

Three hundred thirty

Dollars

\$ 330.00

Received By

King