



HOWARD COUNTY HEALTH DEPARTMENT

62404

DATE
1/19/18

Received
From

PHONE #

☐ CASH
☒ CHECK
NO.
54622

For

\$ 300.00

Received By

Dollars



Howard County
Health Department

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

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

RECEIPT DATE: 1/19/18

ONSITE SEWAGE DISPOSAL SYSTEM

P 562404

APPROVAL DATE: 02/02/18

PERMIT:

UPGRADE

A

PROPERTY ADDRESS: 3646 Sharp Road

SUBDIVISION:

LOT:

TAX ID:

04-334329

CONTRACTOR: Fogle's Septic Clean Inc.

EMAIL: kim@foglesinc.com

CONTRACTOR ADDRESS: 580 Obrecht Road, Sykesville, MD 21784

PHONE: 410-795-5670

PROPERTY OWNER: Kirk Olson

EMAIL:

OWNER ADDRESS: 3646 Sharp Road, Glenwood, MD 21738

PHONE: 410-489-9139

SEPTIC TANK SIZE (GALLONS): Existing

PUMP CHAMBER CAPACITY (GALLONS):

N/A

PUMP SIZE:

N/A

NUMBER OF BEDROOMS:

H

HOUSE SQ. FT.

N/A

APPLICATION RATE:

1.2

DISTRIBUTION SYSTEM: GRAVITY FED



LOW PRESSURE DOSED



TRENCHES:	LINEAR FEET REQUIRED:	<u>125'</u>	INLET DEPTH:	<u>4'</u>
	TRENCH WIDTH:	<u>2'</u>	MAXIMUM BOTTOM DEPTH:	<u>9'</u>
	MINIMUM SPACE BETWEEN TRENCHES:	<u>11' 8"</u>	EFFECTIVE AREA BEGINNING DEPTH:	<u>6.5'</u>
LOCATION:	TO BE STAKED BY SANITARIAN DURING PRE-CONSTRUCTION INSPECTION.			
NOTES:	Set new Dist. box approx 33' from ex. S.T. Install 2x63' trenches on center running south above perc test A. Trenches pointed and flagged in field. Pump/collection ex. Dry well.			

ISSUED BY:

K. Wolf

ISSUE DATE:

1/30/18

EXPIRATION DATE:

1/30/19

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 DOWNGRADE 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

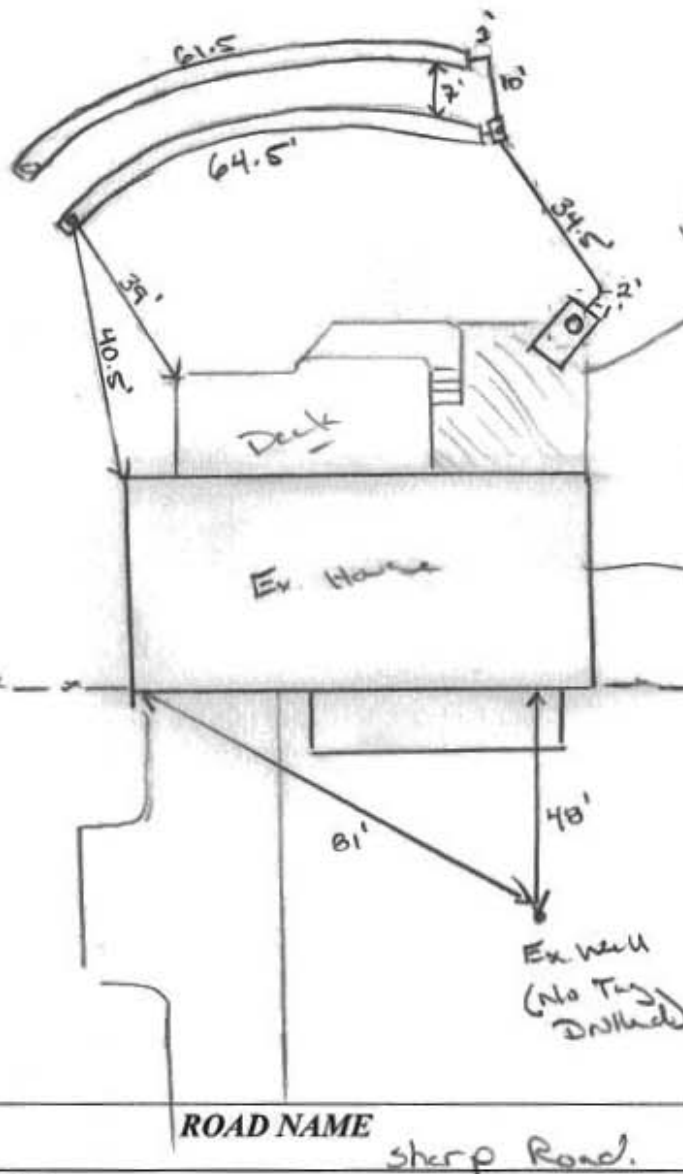
SUCCESSFUL OPERATION OF ANY SYSTEM.

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 TO SCHEDULE INSPECTIONS.

↑ Ex. Barn ↑

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
2'	4'	9'
NUMBER OF TRENCHES		2
TOTAL LENGTH		126'
ABSORPTION AREA		2520 sq
DISTRIBUTION BOX LEVEL		yes
DISTRIBUTION BOX BAFFLE		yes
DISTRIBUTION BOX PORT		yes

SEPTIC TANK DATA

SEPTIC TANK I LEVEL Existing

MANUFACTURER N/A

CAPACITY _____ GAL

SEAM LOC mid

TANK LID DEPTH _____

BAFFLES _____

BAFFLE FILTER N/A

MANHOLE LOC _____

6" PORT LOC _____

WATERTIGHT TEST OK

SLOTTED NO

DATE ON LID N/A

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:

1/30/18 OK to set new DB on straight out from ex. S.P. apr 39' install 2 x 63' trenches on contour above per test of trenches poured and flagged in field. Pump/eddy for dry well. Call for inspection (Kane)

INSTALLATION:

2/2/18 Effluent line to D Box, D Box, + Trenches installed. Ex. pw pumped (Had residual sewage) collapsed + abandoned. No sewage was on dirt at grade or visible from clean All. Water in D Box was turning into ice @ speed level setting

FINAL INSPECTOR

[Signature]

DATE OF APPROVAL

02/02/2018



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

INFORMATION FORM – SEPTIC SYSTEM REPAIR/UPGRADE

Reason for Request:

- ☒ Failing System
- ☐ System relocation for proposed addition
- ☐ System upgrade for proposed addition
- ☐ Inadequate treatment zone
- ☐ Collapsed septic tank
- ☐ Collapsed drywell

Existing system design

- ☒ Drywell
- ☒ Trench
- ☐ Mound
- ☐ Unknown
- ☐ Other: _____

Is discharge surfacing on the ground?

- ☐ Yes
- ☐ No

Has the septic tank been pumped within the last month?

- ☐ Yes Date pumped: _____
- ☒ No

Was a visual inspection of the septic tank and/or drain fields conducted?

- ☒ Yes Explain observations: Homeland
- ☐ No

Was a visual inspection of the sewage line conducted?

- ☒ Yes
 - Blockage leading to the tank
 - ☐ Yes Explain: _____
 - ☒ No
 - Blockage leading to the field
 - ☐ Yes Explain: _____
 - ☒ No
- ☐ No

Additional Comments:

We have records of a deep trench off of the drywell, County does not.

*For REPAIRS, are the owners proposing, or do they plan to add in the future, any additions or modifications to the property, i.e. pools, living space additions, garages, etc? This information must be disclosed at the time of this application. The Health Department will not be able to accommodate requests in the field for property modifications unrelated to the repair request. Such requests may require an additional fee, testing, and submittal of a Percolation Certification Plan, if the property does not meet current Code and Regulation.

Septic Contractor: Fogle's Septic Clean Contractor's Phone: 410-795-5670
Contractor's Address: 580 Obrecht Rd Sykesville Md 21784
Property Address: 36416 Sharp Rd County file: _____
Subdivision: N/A Lot: _____ Year Built: 1976
Owner's Name: Kirk Olson Owner's Phone: 443-654-8485
Name of previous owners: Gary Pannish Existing bedrooms: 4
Proposed bedrooms: _____
Has this request been previously discussed with a Sanitarian? (Name): _____
Public Sewer available/nearby: _____

*A Sanitarian will be in contact within three business days, depending upon the urgency of the situation, to coordinate the scheduling/review of the repair or upgrade.

Prior to scheduling inspections, scaled plans should be submitted to clarify the nature of the addition.

Print out a copy of Real Property Data via Dept. of Taxation website _____ Indexed file found _____

If public sewer may be nearby, verify whether sewer is technically "available" through the Bureau of Engineering.

If sewer is available and the property is within the Metropolitan District, connection to sewer is required. If the owner believes reason for exemption exists, the owner should justify the request in writing.

If soil/site conditions are limited and sewer and/or Metro District status is not conducive to connection, the Sanitarian may recommend pursuit of Emergency Sewer Extension or Emergency Metro District Inclusion. The Owner should contact the Bureau of Utilities for details.

No permit is to be issued nor inspection to be scheduled without prior fee collection at the office unless an emergency situation exists. The contractor is to notify office of the emergency situation as soon as possible.

HOME LAND

ENVIRONMENTAL

p:443-995-5385 | info@homelandhealthyhomes.com | www.homelandhealthyhomes.com

Date: 1/12/2018 Name of Evaluator: Drew Henderson Time: 14:00 Property Address: 3646 Sharp Road Glenwood, MD 21738 Recent Weather Conditions: Rain		Ordered By: Pillar to Post Buyers: Brenda Vander Tuig & Ryan Powers Homeowner Interview: The homeowner interview was received prior to the evaluation.		Occupied: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Length of Time Vacant: N/A # of People Living in Home: 1 # of People moving in: 3 Property Age: 1976 System Age: 1976 Last Date of Cleaning: 2015 Recomm'd Pumping Freq: 3-4 Years	
Liquid level in tank is: <input checked="" type="checkbox"/> Above Normal <input type="checkbox"/> Normal <input type="checkbox"/> Below Normal		Bottom Solids Depth: 10 Inches			
Depth of tank: 14 Inches		Type of Tank Access: Cleanout		Depth of tank access: At Grade	
Maintenance appears: <input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor		Depth to Distribution Box: N/A			
Effluent Filter present: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Previous high liquid level: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Distance to well: 100 Feet	
Records Search: Records were received from Howard County prior to the evaluation.					
Were there any impermeable surfaces above the septic system (i.e. driveway)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Wooden Patio					
Type of Tank		Tank Composition and Size		Type of Absorption System	
<input checked="" type="checkbox"/> Septic Tank (1 tank)		<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Concrete <input type="checkbox"/> Plastic		<input type="checkbox"/> Leaching Field <input type="checkbox"/> Raised Mound	
<input type="checkbox"/> Aeration System				<input checked="" type="checkbox"/> Drywell (Number of: 1) <input type="checkbox"/> Cesspool	
<input type="checkbox"/> Other:		Tank Size: Unknown		<input type="checkbox"/> Unknown: _____	
System Component		Condition		Comments	
Septic Tank		<input type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable <input checked="" type="checkbox"/> Needs Further Evaluation		The septic tank is composed of concrete. The size of the tank could not be determined due to the wooden patio over the tank (see picture addendum). The patio may need to be removed in the future if repairs are needed. The front and back baffles are in place and composed of terracotta. Upon arrival there was 4 feet of liquid depth with 10 inches of solids in the tank indicating fair maintenance. It is recommended that a riser to grade be installed to facilitate proper access and maintenance. The tank should be cleaned every 3-4 years.	
Absorption System		<input type="checkbox"/> Acceptable <input checked="" type="checkbox"/> Unacceptable <input type="checkbox"/> Needs Further Evaluation		During the inspection 1 drywell was located. The drywell has a total depth of 6 feet. The drywell is hydraulically loaded, the liquid level is above the inlet pipe inside the drywell. Approximately 80 gallons of water were introduced when a backup occurred. A licensed septic contractor needs to be contacted to determine the proper remediation for the absorption system after pulling permits with the local county health department.	

HOME LAND

ENVIRONMENTAL

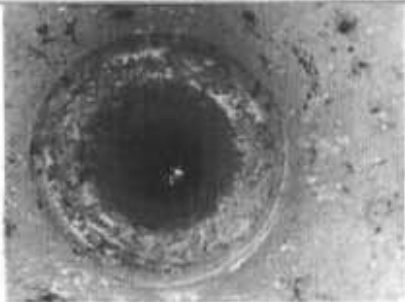
p:443-995-5385 | info@homelandhealthyhomes.com | www.homelandhealthyhomes.com

Picture Addendum



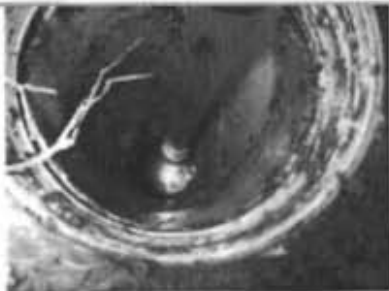
Picture 1:

Showing location of septic tank, front of the tank is under the wooden patio. Per MDE no permanent structures should be built over any part of the septic system.



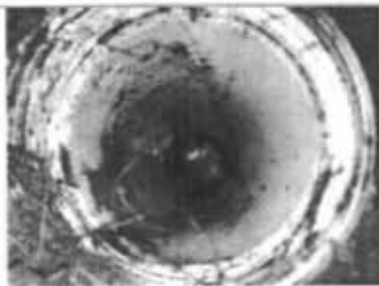
Picture 2:

Showing inside the observation port to the drywell



Picture 3:

Sludge judge measuring liquid depth



Picture 4:

Inside the 6 inch Clean out into the back of the septic tank

HOME LAND

ENVIRONMENTAL

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Sketch of System

Front of the House



Well



Septic Tank



Drywell

DISCLAIMERS

- This is a subjective and visual inspection only, the conclusions of which are based on the observed condition of the system components that could reasonably be accessed, and information known about the system at the time this report was completed. There may be unknown historical problems or unseen conditions which may compromise the conclusions stated in this report.
- A 'Satisfactory' evaluation does not mean the system will meet the local approving authority's criteria for determining compliance with state code: COMAR 26.04.02.02 D(4).
- The evaluation of the Sewage Disposal System as reported is based on the conditions observed on the day of the inspection.
- This report is neither a WARRANTY nor does it GUARANTEE continued acceptable functionality or performance of the Sewage Disposal Systems operations.
- If the house has been unoccupied the findings in this report may not be accurate, as limited or no use of the system may conceal or mask problems that may be revealed under typical sewage loading.
- If the general ground condition is excessively wet at the time of inspection, the findings in this report may not be accurate, as ground moisture may cover or hide septic effluent that may be on or near the ground surface.
- If the house is vacant or the conditions excessively wet during inspection, it is recommended that the system be reevaluated at a later date and/or alternate techniques be used to address those potential issues.
- Payment and/or use of this evaluation signify understanding and acceptances of the above clauses, as well as any noted faults with the system.

Representative's Signature:

Date: 1/12/2018