



HOWARD COUNTY HEALTH DEPARTMENT

68769

P/5

DATE
2 Dec 21

Received From

Farm's Home
Excavating

PHONE #

410 442-2139

For

paper / 180 Driver Rd.

CASH

CHECK

NO.

18496

One hundred eighty six

Dollars

\$ 165.00

Received By

King

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 *Leaking*
- Collapsed drywell

Has the septic tank been pumped within the last month?

Yes
 No Date pumped: _____

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

Yes Explain observation: *Doesn't hold water*
 No _____

Existing system design

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

Was a visual inspection of the sewage line conducted?

Yes
 No

Blockage Leading to the field

Yes Explain _____
 No _____

Is discharge surfacing on the ground?

Yes
 No

Additional Comments:

New Tank needed

*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 Regulations.

Septic Contractor: *Farm and Home Excavating* Contractor's Phone: *410-984-0189*

Contractor's Address: *901 Driver Rd Marriottsville MD 21104*

Property Address: *820 Driver Ad.* County File: _____

Subdivision: _____ Lot: _____ Year Built: *1953*

Owner's Name: *Mark Moody* Existing bedrooms: *3*

Name of previous owners: _____ Existing bedrooms: _____

Proposed bedrooms: *3*

*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.

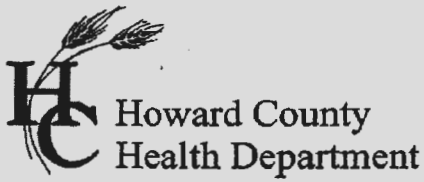
Print out a copy of Real Property Data via Dept. of Taxation website _____ Indexed file found _____

If 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 exists.

The contractor is to notify the office of the emergency as soon as possible.

2/2020



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

RECEIPT DATE: 02/26/2020 **ONSITE SEWAGE DISPOSAL SYSTEM** P 568769

APPROVAL DATE: 03/09/2021 **PERMIT:** **REPAIR** A _____

PROPERTY ADDRESS: 820 Driver Road

SUBDIVISION: 0003 Marriottsville LOT: 5 TAX ID: 03-291685

CONTRACTOR: Farm and Home Excavating EMAIL: _____

CONTRACTOR ADDRESS: 901 Driver Road Marriottsville, MD 21104 PHONE: 410-984-0189

PROPERTY OWNER: Moody, Lawrence L; Moody, Margaret J EMAIL: _____

OWNER ADDRESS: 6150 Hidden Hollow Drive Sykesville, MD 21784 PHONE: _____

SEPTIC TANK SIZE (GALLONS): 1250 PUMP CHAMBER CAPACITY (GALLONS): N/A PUMP SIZE: N/A

NUMBER OF BEDROOMS: 3 HOUSE SQ. FT. _____ APPLICATION RATE: Existing DW

DISTRIBUTION SYSTEM: GRAVITY FED LOW PRESSURE DOSED

TRENCHES:	LINEAR FEET REQUIRED: <u>Existing Dry Well</u>	INLET DEPTH: _____
	TRENCH WIDTH: _____	MAXIMUM BOTTOM DEPTH: _____
	MINIMUM SPACE BETWEEN TRENCHES: _____	EFFECTIVE AREA BEGINNING DEPTH: _____

LOCATION: **TO BE STAKED BY SANITARIAN DURING PRE-CONSTRUCTION INSPECTION.**

NOTES:

Replace existing block tank with 1250g 2-compartment slot tank with risers above grade. Replace cast iron sewer line and effluent line with SCH 40 PVC. Tie in existing laundry line into the septic tank.

Status of existing drywell (1981) needs to be confirmed. Expose 4' below depth of drywell to assess adequate treatment zone available.

ISSUED BY: Joseph Cabahug 001997 ISSUE DATE: 02/26/2021 EXPIRATION DATE: 02/26/2022

- 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 GUIADNCE.**
- 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

HO-81-1875

64'

90'

HOUSE

AB PIT WELL

DRIVE

ROAD NAME
DRIVER ROAD

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
EX	DRY	WELL
NUMBER OF TRENCHES	—	
TOTAL LENGTH	—	
ABSORPTION AREA	8' DIA.	
DISTRIBUTION BOX LEVEL	—	
DISTRIBUTION BOX BAFFLE	—	
DISTRIBUTION BOX PORT	—	

* NO ATTACHED TRENCH OBS.


SEPTIC TANK DATA


SEPTIC TANK 1 LEVEL	YES
MANUFACTURER	BABYLON
CAPACITY	1500 GAL
SEAM LOC	TOP
TANK LID DEPTH	1.5' - 2'
BAFFLES	YES
BAFFLE FILTER	—
MANHOLE LOC	FRONT/BACK
6" PORT LOC	—
WATERTIGHT TEST	—
SLOTTED	YES
DATE ON LID	01/01/2021

PUMP/SEPTIC TANK LEVEL

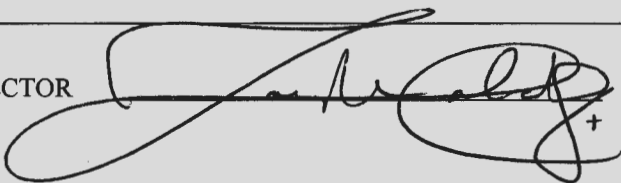
MANUFACTURER	_____
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____
SLOTTED	_____
DATE ON LID	_____

PRE-CONSTRUCTION:

DW IS ~ 8' IN DIAMETER, 100% DRY W/ NO SIGN OF BIOMAT 6.75' BELOW INVERT IN. USUAL INSP SHOWS * NO PIPE LEADING TO TRENCH. * BOTTOM OF DW IS SOIL. 

INSTALLATION: 03/08/2021 (AM) 1500 2COMP TANK SET DUE TO MANUFACTURER MINIMUM SIZE. (PM) PIPING REPLACED W/ NEW SCH 40 PVC.  03/09/2021 PVC PIPE CONNECTED TO EX SHC. INSTALLED INLET BAFFLE.

FINAL INSPECTOR



DATE OF APPROVAL

03/09/2021

SITE INSPECTION SHEET

OWNER: _____ PHONE #: _____

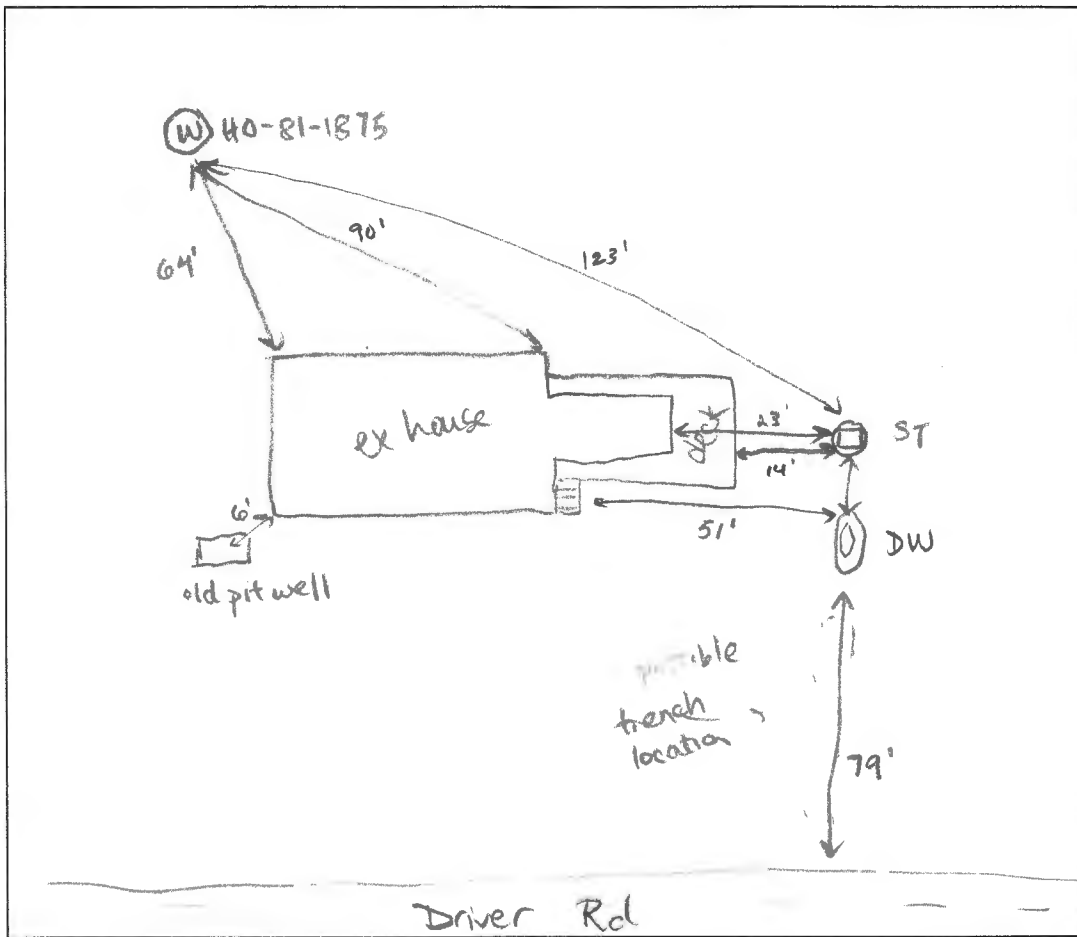
ADDRESS: 820 Driver Rd CONTRACTOR: Bill Ingram

WELL TAG #: HO-81-1875

SUBDIVISION: _____ LOT: _____ COUNTY #: 13

PROPOSAL: Replace leaking block tank with new tank, replace cast iron pipe and reroute sink line to tank

LOCATION DIAGRAM



COMMENTS: Contractor intends to place new 1250 gal (3 bedrooms) tank in same place. Old pit well must be abandoned prior to septic work.

DATE: 2/10/21 INSPECTOR: Juan Thomas

HOME LAND

ENVIRONMENTAL

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

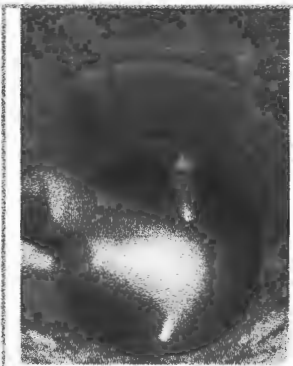
Date: 1/13/2021 Name of Evaluator: Jon Blevins Time: 12:30 Property Address: 820 Driver Road Marriottsville, MD 21104 Recent Weather Conditions: Normal	Ordered By: Ingrid Lynch Buyers: Christina Moore Homeowner Interview: The homeowner interview was verbally conducted during the evaluation.	Occupied: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Length of Time Vacant: ~1.5 years # of People Living in Home: N/A # of People moving in: 1 Property Age: 1953 System Age: 1981* Last Date of Cleaning: ~3 Years Recomm'd Pumping Freq: 4 Years
Liquid level in tank is: <input type="checkbox"/> Above Normal <input type="checkbox"/> Normal <input checked="" type="checkbox"/> Below Normal		Bottom Solids Depth: 10 Inches
Depth of tank: 20 Inches	Type of Tank Access: Manhole Riser	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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Distance to well: ~105 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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Type of Tank	Tank Composition and Size	Type of Absorption System
<input checked="" type="checkbox"/> Septic Tank (1 tank) <input type="checkbox"/> Aeration System <input type="checkbox"/> Other: _____	<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Concrete <input type="checkbox"/> Plastic Tank Size: 1,000 gallons	<input checked="" type="checkbox"/> Leaching Field <input type="checkbox"/> Raised Mound <input checked="" type="checkbox"/> Drywell (Number of: 1) <input type="checkbox"/> Cesspool <input type="checkbox"/> Unknown: _____
System Component	Condition	Comments
Septic Tank	<input type="checkbox"/> Acceptable <input checked="" type="checkbox"/> Unacceptable <input type="checkbox"/> Needs Further Evaluation	A manhole riser serves as access at grade. The front baffle is in place and composed of a PVC 'T'. The back baffle appears to be composed of cast iron and extremely corroded. There are 10 inches of solids present. The liquid level in the tank was approximately 3 feet below normal upon arrival. When water was introduced into the tank, the level surpassed the outlet line and a back-up occurred in the septic tank. This is likely due to a corroded back baffle and/or back line. The sink in the utility room (see picture 4 on page 2) does not discharge to the septic system. It must be rerouted to the septic system or be removed. Upon returning to the property on January 13 th , the septic tank liquid level dropped over 2 feet, indicating the tank is not water-tight. A licensed septic contractor must be contacted to replace the septic tank after permits are pulled from the local health department.
Absorption System	<input type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable <input checked="" type="checkbox"/> Needs Further Evaluation	County records state a drainfield was installed in 1981. The drainfield is approximately 4 feet below grade and 50 feet in length. The suspected drainfield location was probed and found to be dry with no signs of biomat present. A drywell with a manhole to grade was located just off the septic tank. This appears to be the original drywell. It was found to be dry to the bottom with a corroded inlet line and no apparent outlet line. A hydraulic load test could not be performed due to a back-up in the septic tank during the inspection.

HOME LAND ENVIRONMENTAL

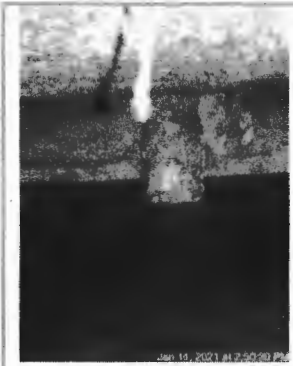
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Picture 1: [Picture from original inspection] Showing the septic tank in relation to the house.



Picture 2: [Picture from re-inspection] Showing the low liquid level after returning to the property on January 13th.



Picture 3: [Picture from original inspection] Showing the back baffle with the liquid level near normal.



Picture 4: [Picture from original inspection] Showing the sink in the utility room behind the house. This sink must be rerouted to the septic system or be removed.

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HOMELAND ENVIRONMENTAL

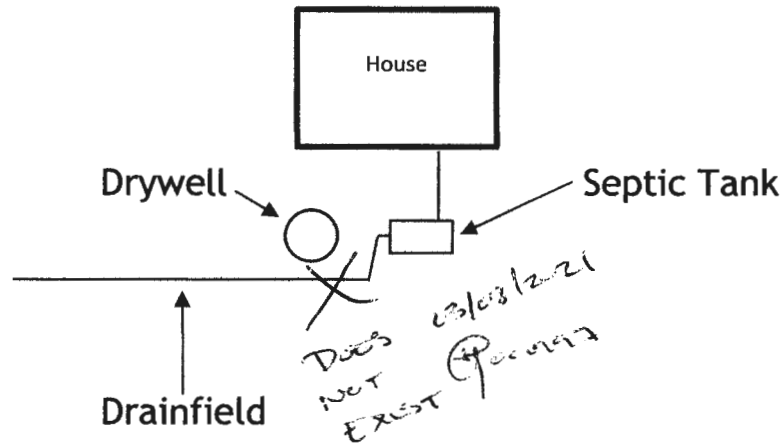
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Sketch of System

Well (HO-81-1875)



Front of the House



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.
- Suggestions or recommendations for repairs or remediation may result in the need for further repair or remediation once the system components are fully excavated.
- 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: 1/13/2021