



**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: 3/29/2019    **ONSITE SEWAGE DISPOSAL SYSTEM**    P 524812  
 APPROVAL DATE: 04/10/2019    **PERMIT:**    **REPAIR**    A Repair  
 PROPERTY ADDRESS: 17106 Frederick Road  
 SUBDIVISION: \_\_\_\_\_ LOT: \_\_\_\_\_ TAX ID: 04-328833  
 CONTRACTOR: Fogle's Septic Clean Inc.    EMAIL: Kurt@foglesinc.com  
 CONTRACTOR ADDRESS: 580 Obrecht Road Sykesville, MD 21784    PHONE: 410-795-5670  
 PROPERTY OWNER: Stacy Sauerhoff    EMAIL: \_\_\_\_\_  
 OWNER ADDRESS: Same as above    PHONE: 240-876-3901

SEPTIC TANK SIZE: 1500g    PUMP TANK CAPACITY: 1250g    PUMP SIZE: 1/3 HP

DISTRIBUTION SYSTEM:     GRAVITY     PRESSURE DOSED    BEDROOMS: 3    APPLICATION RATE: 0.8

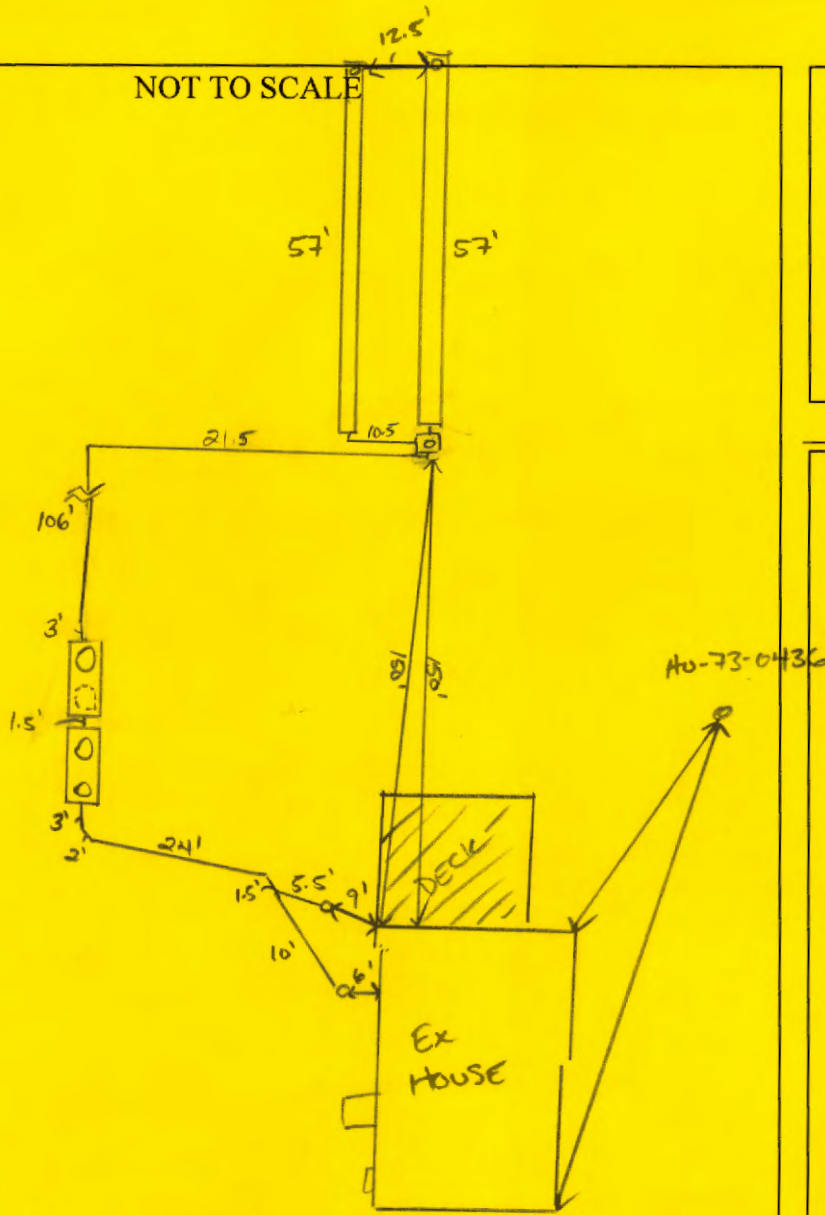
TRENCHES:	LINEAR FEET REQUIRED: <u>104</u>	INLET DEPTH: <u>2'</u>
	TRENCH WIDTH: <u>3'</u>	MAXIMUM BOTTOM DEPTH: <u>5.5'</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10'</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3'</u>
LOCATION:	<b>TO BE STAKED BY SANITARIAN DURING PRE-CONSTRUCTION INSPECTION.</b>	
NOTES:	Install 2 x 52 ft trenches near perc test B. Dbox should be placed at the start of the upper trench. Trenches will run along upper property/fence line away from house. Elevation/contour shot in field and trenches flagged. Set both septic tank and pump tank outside ex. well radius. Pump and collapse existing block septic tank. Call for inspection. <b>MUST HAVE ELECTRICAL PERMIT.</b>	

ISSUED BY: K. Wolf    ISSUE DATE: 3/29/2019    EXPIRATION DATE: 3/29/2020

- 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 DOWNGRAIDENT 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 19001488
- 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: AN INDIVIDUAL CERTIFIED BY MDE AND THE MANUFACTURER FOR BAT INSTALLATION MUST BE PRESENT AT ALL TIMES DURING BAT INSTALLATION.
- 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  
FREDERICK ROAD

**TRENCH/DRAINFIELD DATA**

WIDTH	INLET	BOTTOM
3'	2'	5.5'
NUMBER OF TRENCHES		2
TOTAL LENGTH		114'
ABSORPTION AREA		342 ft <sup>2</sup>
DISTRIBUTION BOX LEVEL		N/A
DISTRIBUTION BOX BAFFLE		N/A
DISTRIBUTION BOX PORT		YES

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL	4
MANUFACTURER	BABYLON
CAPACITY	1560 GAL
SEAM LOC	TOP
TANK LID DEPTH	13'
BAFFLES	YES
BAFFLE FILTER	NO
MANHOLE LOC	FRONT/BACK
6" PORT LOC	INLET
WATERTIGHT TEST	-
SLOTTED	YES
DATE ON LID	2/28/2019
PUMP/SEPTIC TANK LEVEL	4
MANUFACTURER	BABYLON
CAPACITY	1250 GAL
SEAM LOC	TOP
TANK LID DEPTH	13'
BAFFLES	-
BAFFLE FILTER	-
MANHOLE LOC	BACK
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	N/A
DATE ON LID	2/6/2019

**PRE-CONSTRUCTION:**

3/27/19 set new S.T. and P.T. outside 100' well radius.  
 Run 2" F.M. up along well arc. between fences. up to new  
 Dbox. Run 2x 52' trenches as staked in field running north  
 along fence line. (KMD)

**INSTALLATION:** 4/1/19 CONTRACTOR NO SHOW. @ 4/2/2019 TANK AND SOME  
 TRENCH DIG. REINSP TANK, F.M. AND TRENCHES. @ 4/3/2019  
 TANKS SET AND UPPER TRENCH DURING CONST. TO SPEC. REINSP TRENCH  
 AND F.M. @ 4/4/2019 FORCE MAIN AND LOWER TRENCH COMPLETE. REINSP  
 P/A. @ 4/10/2019 ALARM OK. PUMP OK. WATER CONFIRMED TO D BOX.  
 TWO SEPERATE CIRCUITS 20A PUMP. 15A CONTROL CIRCUIT. OK TO COMPLETE. (KMD)

FINAL INSPECTOR

DATE OF APPROVAL

04/10/2019

# HOME LAND

## ENVIRONMENTAL

p:443-995-5385 | [info@homelandhealthyhomes.com](mailto:info@homelandhealthyhomes.com) | [www.homelandhealthyhomes.com](http://www.homelandhealthyhomes.com)

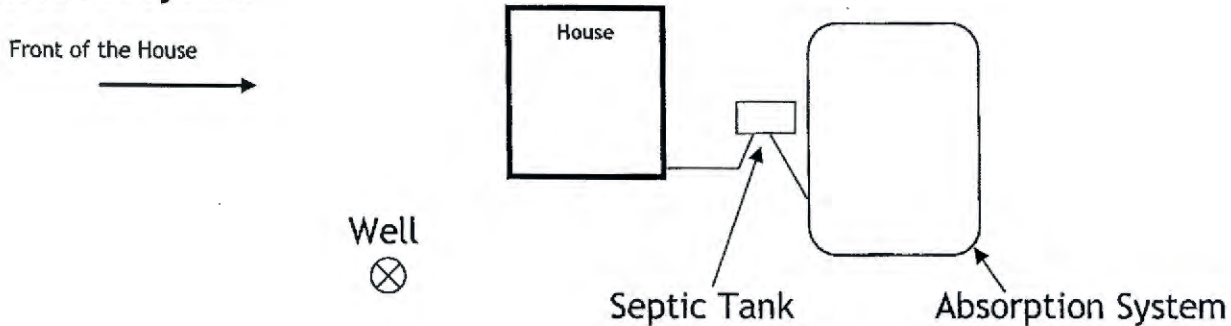
Date: March 18, 2019 Name of Evaluator: Adam Brown Time: 9:00 AM Property Address: 17106 Frederick Road Mount Airy, MD 21771 Recent Weather Conditions: Normal		Ordered By: Anne Adams  Buyers: Andrew Griffiths & Erin Andrews  Homeowner Interview: The homeowner interview was requested, but was not received 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: Unknown # of People moving in: 2 Property Age: 1901 System Age: Unknown Last Date of Cleaning: Unknown Recomm'd Pumping Freq: N/A	
Liquid level in tank is: <input type="checkbox"/> Above Normal <input type="checkbox"/> Normal <input checked="" type="checkbox"/> Below Normal			Bottom Solids Depth: 12 Inches		
Depth of tank: 5 Inches		Type of Tank Access: 6" PVC Cleanout		Depth of tank access: At Grade	
Maintenance appears: <input type="checkbox"/> Good <input type="checkbox"/> Fair <input checked="" type="checkbox"/> Poor			Depth to Distribution Box: Unknown		
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: ~100 Feet	
Records Search: Records were requested, but were not 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					
<b>Type of Tank</b>		<b>Tank Composition and Size</b>		<b>Type of Absorption System</b>	
<input checked="" type="checkbox"/> Septic Tank (1 tank)		<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Cinderblock <input type="checkbox"/> Plastic		<input checked="" type="checkbox"/> Leaching Field <input type="checkbox"/> Raised Mound	
<input type="checkbox"/> Aeration System				<input type="checkbox"/> Drywell (Number of: ) <input type="checkbox"/> Cesspool	
<input type="checkbox"/> Other:		Tank Size: Unknown		<input type="checkbox"/> Unknown: _____	
<b>System Component</b>		<b>Condition</b>		<b>Comments</b>	
<b>Septic Tank</b>		<input type="checkbox"/> Acceptable <input checked="" type="checkbox"/> Unacceptable <input type="checkbox"/> Needs Further Evaluation		The septic tank appears to be composed of cinderblock. Access consists of a 6" PVC cleanout at grade over the front corner of the tank. The back baffle is in place and is composed of terracotta. Upon arrival the liquid level in the septic tank was observed to be below normal at ~4'. This suggests that the septic tank may not be water-tight. The septic tank will need to be replaced by a licensed contractor as cinderblock tanks are prone to not being watertight and structural integrity issues.	
<b>Absorption System</b>		<input type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable <input checked="" type="checkbox"/> Needs Further Evaluation		Per the seller the absorption system is believed to consist of drainfields. The area above where the absorption system is believed to be located was probed and no abnormal moisture was observed. Due to the low liquid level in the tank a hydraulic load test could not be performed during the evaluation. The condition of the absorption system will need to be verified by a licensed contractor at the time that the septic tank is installed.	

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### Sketch of System



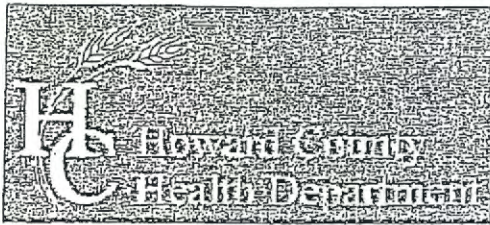
#### DISCLAIMERS

- 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:

*Adam Brown*

Date: 3/18/2019



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 Twitter: HowardCoHealthDep

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

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: Tank collapsed
- No

Existing system design

- Drywell
- Trench
- Mound
- Unknown
- Other: \_\_\_\_\_

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: Collapsed Tank
    - No
- No

Is discharge surfacing on the ground?

- Yes
- No

Additional Comments: \_\_\_\_\_

\*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 Contractor's Phone: 410-795-5670  
 Contractor's Address: 580 Obrecht Rd Sykesville Md 21784  
 Property Address: 17106 Frederick Rd MD County file: How  
 Subdivision: \_\_\_\_\_ Lot: \_\_\_\_\_ Year Built: 1999  
 Owner's Name: Robert Sauerhoff Owner's Phone: 240-876-3901  
 Name of previous owners: \_\_\_\_\_ Existing bedrooms: 4  
 Proposed bedrooms: 0  
 Has this request been previously discussed with a Sanitarian? (Name): No  
 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 \_\_\_\_\_

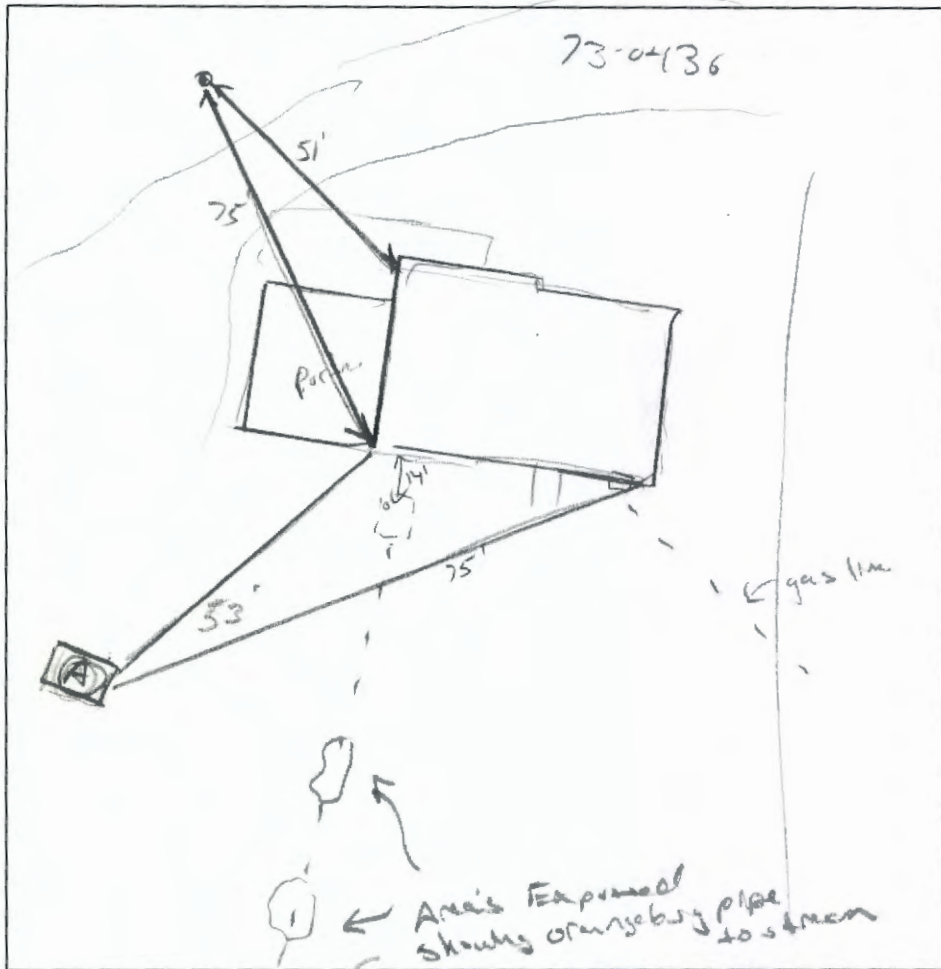
If public sewer may be nearby, verify whether sewer is technically "available" through the Bureau of Engineering.

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.

73-04136



Run

(A)

Dark Brn L.  
2 MSBK roots

12"

Br/Rd. CL.  
M Co SBK,  
CW roots  
5% rx.

5'

11 Br/Y SCL  
WF SBK  
Frickle, roots

7'

11 Br/Y SCL

9'

W Cpl.  
H<sub>2</sub>O seep

(B)

12" Dark Brn L.  
2 SBK roots  
11 Br/Y CL  
M Co SBK,  
roots, Frickle.  
Dry, 100% Sp.

3'

11 Br/Y SCL  
F SBK, 10% Sp.  
Frickle

5'

11 Br/Y SCL  
W Co SBK  
W Co PL  
Frickle 10% rx  
H<sub>2</sub>O seep

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3/27/19	(A)	3' 8" / 9' V	00:56	01:12	pulled, ~40-50mp		F
			00:18	pulled	no mound		F
	(B)	5' / 11' V	00:53	00:57	00:04	7	P

REMARKS Ex. S.T. (cylinder-Bleed (1st day 1kg) . orangeburg pipe to stream  
 SANITARIAN K. Wolf BACKHOE Ricky OTHERS owner

TEST HOLES USED IN SDA \_\_\_\_\_ AVG. PERC TIME \_\_\_\_\_ SQ. FT/BR \_\_\_\_\_

TRENCH WIDTH 3' INLET DEPTH 2' MAX. BOT DEPTH 5.5' EFFECTIVE SW 3-3.5'  
 (.55)

$$\frac{450}{0.8} = 562.5 \div 3 = 188 (.55) = 104 \quad 2452$$



# HOWARD COUNTY HEALTH DEPARTMENT

PS 64798

DATE  
3 / 21 / 19

Received From Fogles Septic Crw. Inc. PHONE # 4107955670

For Septic Repair  
17106 Frederick Rd.  
Elliott City Md  
One Sixty four Dollars - 00/100

CASH  
 CHECK  
NO. 63872

\$ 165 00

Received By V. Collins - Delivery