



Bureau of Environmental Health
8930 Stanford Blvd | Columbia, MD 21045
410.313.2640 - Voice/Relay
410.313.2648 - Fax
1.866.313.6300 - Toll Free

ASST 803

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

APPLICATION
FOR PERCOLATION TESTING AND SITE EVALUATION

PROPERTY LOCATION

SUBDIVISION/PROPERTY NAME
PROPERTY ADDRESS 13715 Triadelphia Mill Rd Clarksville MD 21029
TAX ACCOUNT # 382750 TAX MAP 16003 GRID 191 PARCEL 05377420 LOT NO. 1 LOT SIZE (ACRES) 1
ZONING CATEGORY TIER

PROPERTY OWNER(S) Andrew Bettendorf
DAYTIME PHONE 301-345-4423 CELL 240-454-1097 EMAIL andybettendorf@gmail.com
MAILING ADDRESS 13715 Triadelphia Mill Rd Clarksville MD 21029

APPLICANT MARC D HERETH RELATIONSHIP TO OWNER: contractor
DAYTIME PHONE 301-580-5977 CELL EMAIL
MAILING ADDRESS 2551 Florence Rd Woodbine Maryland 21797

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S):

- PROPERTY:
SUBDIVISION: TOTAL NUMBER OF BUILDABLE LOTS ON PLAT:
SUBDIVISION CLASSIFICATION (PER DEPT. OF PLANNING AND ZONING)
CONSTRUCT NEW OSDS ON UNDEVELOPED LOT
UPGRADE EXISTING OSDS FOR BUILDING PERMIT BUILDING PERMIT NUMBER:
REPAIR OR REPLACE FAILING OSDS
BUILDING:
RESIDENTIAL WITH EXISTING OR PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE
COMMERCIAL (PROVIDE DETAIL OF TYPE OF USE/NUMBERS OF EMPLOYEES/CUSTOMERS ON ACCOMPANYING PLAN)
IS THE PROPERTY WITHIN 2500 FEET OF ANY RESERVOIR?
YES
NO

AS APPLICANT, I UNDERSTAND THE FOLLOWING:

- THIS APPLICATION IS VALID FOR TWO(2) YEARS FROM DATE OF FEE PAYMENT AND APPROVAL IS BASED UPON HEALTH OFFICER SIGNATURE OF A PERC CERTIFICATION PLAN PRIOR TO EXPIRATION OF THIS PERMIT.
THE APPLICATION FEE IS NON-REFUNDABLE
THIS APPLICATION MUST BE ACCOMPANIED BY ALL APPLICABLE FEES AND A SUITABLE SITE PLAN IN ORDER TO BE PROCESSED
THIS IS A PUBLIC DOCUMENT

I declare and affirm that to the best of my knowledge, the information contained herein is correct. I declare that I am the owner of the property or duly authorized to make this application on behalf of the owner. I agree to comply with all applicable state and county regulations.
By signature of this application, I hereby grant Howard County Health Department officials the right to enter onto the property for the purpose of inspecting the property as directly related to the requested permit/service.
Signature of Applicant: Marc D Hereth
Date: 9/9/2024

JW 7/17/2024

HOME LAND ENVIRONMENTAL

homelandhealthyhomes.com | 443.995.5385 | info@homelandhealthyhomes.com
 Headquarters- 1220 East Joppa Road, Towson MD 21286

Date: September 4, 2024 Name of Evaluator: Tyler Young Time: 8:30 AM Property Address: 13715 Triadelphia Mill Road Clarksville, MD 21029 Recent Weather Conditions: Normal	Ordered By: Andy Bettendorf Buyers: Homeowner Interview: The homeowner interview was sent but 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: 3 # of People moving in: N/A Property Age: 1935 System Age: Unknown Last Date of Cleaning: ~2018 Recomm'd Pumping Freq: 2-3 Years
Liquid level in tank is: <input type="checkbox"/> Above Normal <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Below Normal		Bottom Solids Depth: 12 Inches
Depth of tank: 32 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	# of Bedrooms: 5 total	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: ~100 Feet
Records Search: Records were requested but 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		
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 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	The septic tank is approximately 1,000 gallons in capacity and composed of concrete. The tank is 32 inches below grade; a concrete manhole riser serves as access at grade. The back baffle is partially missing and will need to be replaced. The solids level in the tank is 12 inches, indicating fair maintenance. It is recommended the tank be cleaned within 1 year, then every 2-3 years thereafter.
Absorption System	<input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable <input type="checkbox"/> Needs Further Evaluation	During the inspection, a single drywell was located. The drywell is 24 inches below grade with no access at grade. It is recommended a cleanout be installed at grade to facilitate future monitoring. The edges of the drywell were probed and found to be dry to a depth of at least 4 inches from the top of the stone. Approximately 300 gallons of water were introduced into the system with no sign of a backup. Due to the unknown age of the system, buyers should budget for future repairs.

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Picture 1:

Showing the location of the septic tank in relation to the nearby garage. The garage is approximately 6 feet from the septic tank.



Picture 2:

Showing the homemade back riser of the septic tank and partially missing back baffle (red arrow). The homemade riser should be removed or replaced with a watertight riser. The back baffle will need to be replaced. It is suggested an effluent filter be installed in the new baffle, to extend the life of the drywell, and a riser access be installed to grade, to allow future cleaning of the effluent filter. Effluent filters need to be cleaned on a regular basis to prevent backups.

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Picture 3:

Showing the locations of the drywell (red arrow) and septic tank (yellow arrow).



Picture 4:

Showing stone residue from probing the edges of the located drywell.

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Sketch of System

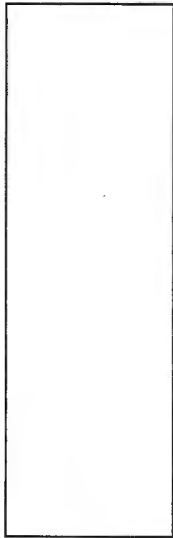
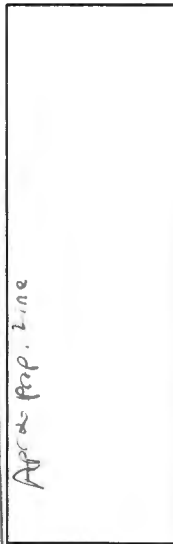
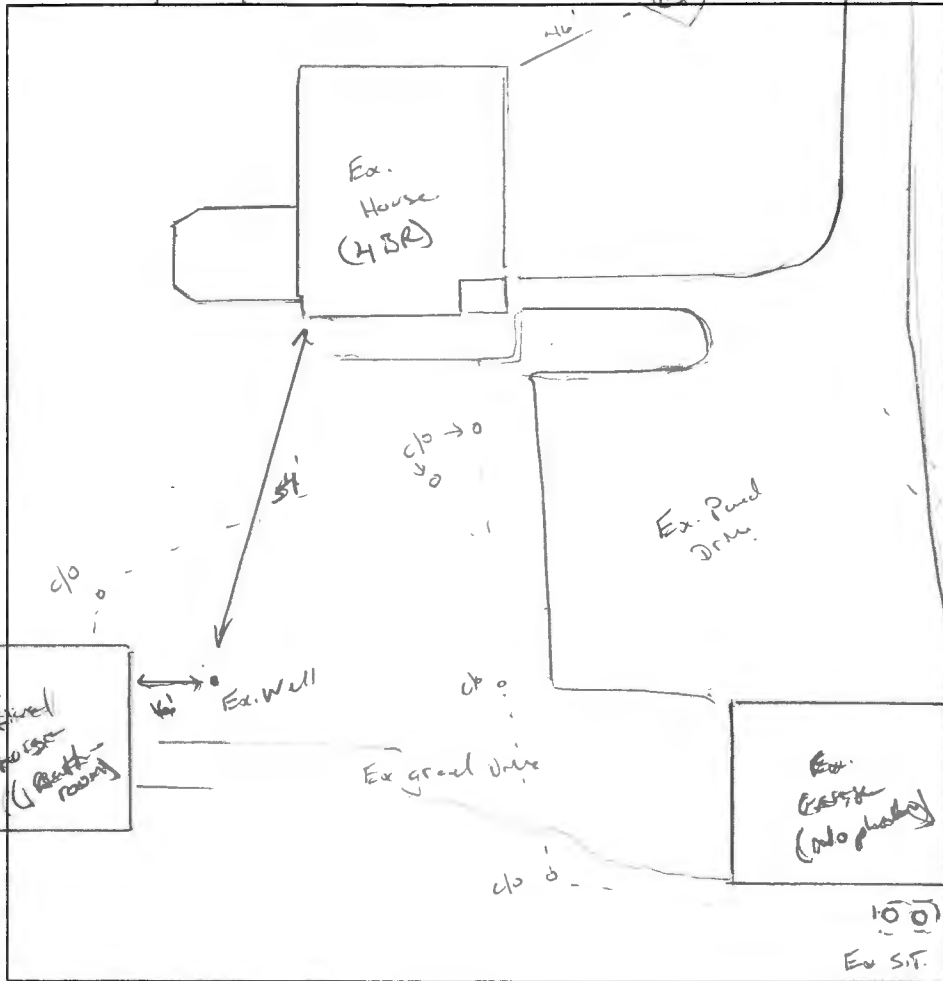
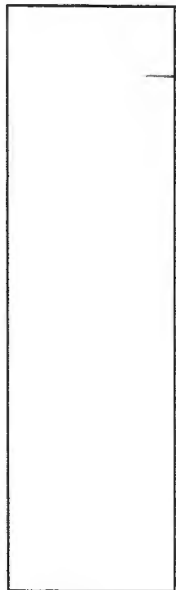
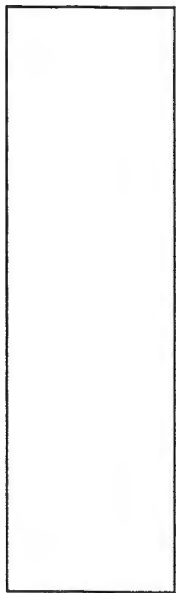
PLEASE REFER TO SEPARATE DOCUMENT FOR DETAILED SKETCH.

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: 9/4/2024
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- Triadelphia R-11 Rd -



Apr 20 Prop. Zone

(---)
Ex. D.W

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
9/17/2024	(A)	47' 14" / 14'	00:27	00:29	00:32	3	P
		H2O poured @ 14'				Sup:	P

(A)
 2' Ball
 M Co SBK,
 Frable, rock
 4' 1/2 Br 2
 Wk Co SBK
 cw Frable,
 10% Sup: rock
 4' Br 1/4 SL
 Wk Co pl
 cw, Frable
 micaceous
 15% sub: shows
 9' 1/2 Br 1/4 YR SL
 Wk Fpl
 Frable,
 micaceous.

REMARKS House up for transfer. Ex. drilled off property by
 SANITARIAN K. Wolf BACKHOE Mark Heath OTHERS seller
 TEST HOLES USED IN SDA 1 AVG. PERC TIME 3 SQ. FT/BR 1,250/ft²
 TRENCH WIDTH 3 INLET DEPTH 5' MAX. BOT DEPTH 9 EFFECTIVE SW 5'5" = 9' (.45)

$$4\text{ BR} = \frac{600\text{gpd}}{1.2} \div 3 = 160 (.45) = \underline{\underline{76\text{ LF}}}$$



HOWARD COUNTY HEALTH DEPARTMENT

87803

CODES

DATE

9/9/24

CASH

CHECK

Received From

Howard Health

For

Five hundred thirty dollars

Dollars

NO.

1415

\$

530.00

Received By

[Signature]