



**Howard County
Health Department**

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

Bureau of Environmental Health

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RECEIPT DATE: 12/9/24 **ONSITE SEWAGE DISPOSAL SYSTEM** P 587890

APPROVAL DATE: 12/13/24 **PERMIT: ^{Repair} Tank Replacement** A _____

PROPERTY ADDRESS: 4670 Ilchester Road

SUBDIVISION: _____ LOT: _____ TAX ID: _____

CONTRACTOR: South Carroll Backhoe EMAIL: scbackhoe@verizon.net

CONTRACTOR ADDRESS: 4410 Salem Bottom Road, Westminster, MD 21157 PHONE: 410-596-3618

PROPERTY OWNER: Joseph and Kelley Robinson EMAIL: _____

OWNER ADDRESS: 4670 Ilchester Road, Ellicott City, MD 21043 PHONE: _____

SEPTIC TANK SIZE (GALLONS): 1500 TANK MANUFACTURER: B2bylon

PUMP MODEL: _____ PUMP SIZE _____ PUMP TANK CAPACITY: _____

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: _____ APPLICATION RATE: _____

TRENCHES:	LINEAR FEET REQUIRED: <u>Ex</u>	INLET DEPTH: <u>Ex</u>
	TRENCH WIDTH: <u>Ex</u>	MAXIMUM BOTTOM DEPTH: <u>Ex</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>Ex</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>Ex</u>
LOCATION:	<u>Install Tank per plan</u>	
NOTES:	<u>Pump & crush Ex Tank</u>	

ISSUED BY: S. Pize ISSUE DATE: 12/9/24 EXPIRATION DATE: 12/9/25

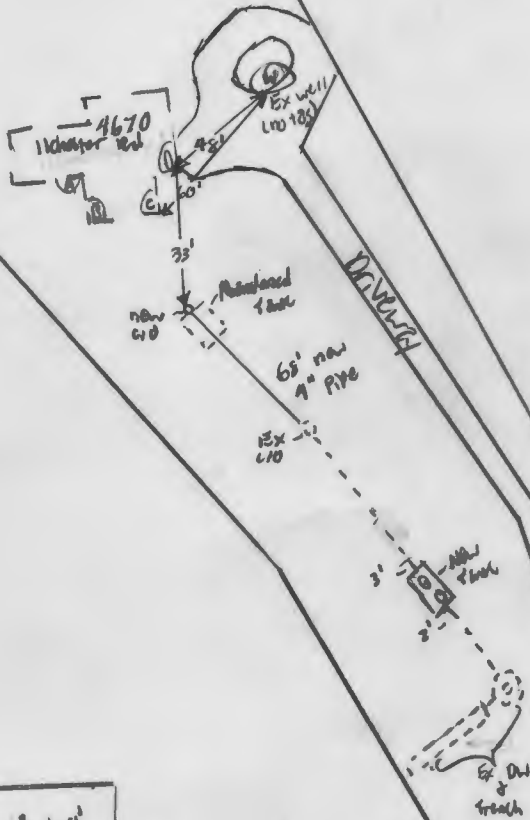
- NOTE: CONTRACTOR MUST SCHEDULE A PRE-CONSTRUCTION INSPECTION PRIOR TO BEGINNING ANY INSTALLATION
- NOTE: CONTRACTOR REGISTERED WITH THE STATE OF MD ON-SITE WASTEWATER PROFESSIONALS BOARD: CONFIRMED
- NOTE: CONTRACTOR MUST SCHEDULE AN INSPECTION AND GAIN APPROVAL OF ALL COMPONENTS PRIOR TO COVERING
- NOTE: STONE MUST BE APPROVED BY HEALTH DEPARTMENT AND GRAVEL TICKET MUST BE AVAILABLE FOR REVIEW.
- NOTE: WATERTIGHT 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: 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



Ex c/o - C : 104'
 Ex c/o - B : 111'
 New Tank - A : 171'
 New Tank - C : 156'
 DW - C : 156'
 DW - A : 148'

ROAD NAME

TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
EX.	EX	EX
NUMBER OF TRENCHES		
TOTAL LENGTH		
ABSORPTION AREA		
DISTRIBUTION BOX LEVEL		
DISTRIBUTION BOX BAFFLE		
DISTRIBUTION BOX PORT		

SEPTIC TANK DATA

SEPTIC TANK I LEVEL YES
 MANUFACTURER Babylon
 CAPACITY 1500 GAL
 SEAM LOC Top
 TANK LID DEPTH 2' - 3.5'
 BAFFLES 6" front & 4" back
 BAFFLE FILTER _____
 MANHOLE LOC front & back
 6" PORT LOC _____
 WATERTIGHT TEST _____
 SLOTTED YES
 DATE ON LID 11/4/2024

PUMP/SEPTIC TANK LEVEL N/A

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

CONTROL PANEL DATA

CONTROL PANEL HEIGHT N/A
 (MIN 30")
 INSPECTION DATE _____
 INSPECTION: PASS/FAIL (CIRCLE ONE)

SEPTIC CONTRACTOR ONSITE INSTALLING SYTEM: Kenneth Schuster
 SEPTIC CONTRACTOR ONSITE LICENSED WITH THE STATE OF MD: YES/NO

PRE-CONSTRUCTION NOTES:
12/13/2024 - Design Plan Approved. (SP)

INSTALLATION NOTES:

12/13/2024. Installers onsite, 1500 gal tank set while on site. Installer moved tank because lack of access, tank is 50' downhill + has 2'-3.5' of cover. Tank slotted, 6" front & 4" back baffle. Ex tank pumped, waiting for stone. Additional c/o to installed where collected tank @. Installer sent pictures of front line. ok to backfill. (SP)

FINAL INSPECTOR

S. Page

DATE OF APPROVAL

12/13/2024



12/13/2024- Rec'd Pics of Finished install. 68' of 4" SCHD 40 PVC installed. SP

HOME LAND

ENVIRONMENTAL

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

<p>Date: November 21, 2024 Name of Evaluator: Mitchel Ruhkamp Time: 9:00 AM Property Address: 4670 Ilchester Road Ellicott City, MD 21043 Recent Weather Conditions: Fair</p>	<p>Ordered By: Zugell Jamison Buyers: Steven Wingrove Homeowner Interview: The homeowner interview was sent and received prior to the evaluation.</p>	<p>Occupied: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Length of Time Vacant: N/A # of People Living in Home: 4 # of People moving in: 6 Property Age: 1980 System Age: 1979 Last Date of Cleaning: 2022 Recomm'd Pumping Freq: 3-4 Years</p>
<p>Liquid level in tank is: <input type="checkbox"/> Above Normal <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Below Normal</p>		<p>Bottom Solids Depth: 20 Inches</p>
<p>Depth of tank: 6 Inches</p>	<p>Type of Tank Access: PVC Cleanout</p>	<p>Depth of tank access: At Grade</p>
<p>Maintenance appears: <input type="checkbox"/> Good <input checked="" type="checkbox"/> Fair <input type="checkbox"/> Poor</p>		<p># of Bedrooms: 5</p>
<p>Effluent Filter present: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>Distance to well: >100 Feet</p>
<p>Previous high liquid level: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		
<p>Records Search: Records were requested and received from Howard County prior to the evaluation.</p>		
<p>Were there any impermeable surfaces above the septic system (i.e. driveway)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		
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: 1,250 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	<p>The septic tank is composed of concrete and per county record is 1250 gallons in total capacity. The septic tank is 6 inches below grade and is accessible via a PVC cleanout at grade. The front baffle is missing. The back baffle is in place and is composed of PVC. Currently, there are 20 inches of solids in the septic tank. The septic tank is due for cleaning and should be cleaned again every 3-4 years in the future. A tree is growing over the septic tank. The tree will need to be removed by a licensed contractor. The ceiling of the septic tank is cracked and collapsing. The septic tank will need to be replaced by a licensed septic contractor after permits have been issued by the local county health department. Please refer to page 2 and the camera septic report for further information.</p>
Absorption System	<input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Unacceptable <input type="checkbox"/> Needs Further Evaluation	<p>Per county record the absorption system consists of a drywell and a drainfield. The drywell is accessible via a terracotta cleanout at grade. The drywell has 6 total feet of liquid space with 2 feet of liquid space available. The area over the drainfield was probed and found to be dry within 36 inches below grade. Approximately 300 gallons of water were introduced to the system with no signs of backup or surfacing effluent. The absorption system is acceptable with concern due to the age of the system. Buyers should budget for future repairs and replacement.</p>



Maryland On-Site Sewage Disposal System Inspection Report



** For this inspection to be considered a proper inspection, all sections must be completed**

Pre-Inspection Information

Property Information

Address: 4670 Ilchester Road

City: Ellicott City State: MD Zip Code: 21043

Permitted # of Bedrooms: 4 Build Year: 1980 Water Supply: Well

Property Type: Single Family Home If Other:

Comments: Please refer to separate septic evaluation from Homeland Environmental.

Owner Information/ Interview

Last Name: Robison First Name: Joseph J/ Kelley M

Number of Occupants: 3 Number of Years Occupied: 16

If Vacant, Date Vacated (mm/dd/yyyy): N/A

In-Home Business: No Type:

Has the Property Recently had a Septic Inspection: Date:

Any Septic System Issues: Type:

Comments: No knowledge of any recent septic inspection.

Document Search Information

Document Request Date: 11/21/2024 Septic Permit Reviewed: Yes

Permitted Septic System Components:

Septic Tank: Yes Install Year: 1979 Size: 1250 gal

BAT Unit: No Install Year: Manufacturer:

Distribution Box: No Pumping Chamber: No

Absorption Type: Drywell Total Trench Length/ Width: 15 Ft

Bed Size (L/W): Ft Absorption Component Depth: 8 Ft

Comments: Drywell and drainfield. Drainfield dimensions= 26'x2'x6'. Please refer to county records.

On-site Inspection

Start Date: 11/21/2024

Completion Date: 11/21/2024

Crawl Space/ Basement Evaluation

Number of Drain Pipes Exiting Foundation Wall

Describe Each Pipe and Source: All plumbing exits the house through one sewer line.

Does Plumbing Evaluation Confirm all Wastewater is Directed into the Septic System:

Water Treatment

Does the House have any Water Treatment Devices: If Yes, Number:

Describe each Water Treatment Device: Sediment filter, water softener, acid neutralizer.

If any, where is the Water Treatment Discharge Directed:

Sewer Line Outside of Foundation

Pipe Material: Cracks/ Breaks: Blockage:

Comments: Please refer to separate camera septic report from Homeland Environmental.

Grease Trap

Grease Trap: Size: Construction:

Liquid Level: Proper Baffle:

Comments: N/A

Septic Tank

Septic Tank: Number of Tanks: Total Size of Tank(s):

Type of Tank(s): Construction:

Liquid Level: Evidence of High Water Staining: Effluent Filter:

Inlet Baffle: Outlet Baffle: Baffle Condition:

Access: Evidence of Ground or Surface Water Intrusion:

Comments: Ceiling cracked and collapsing. Please refer to separate septic evaluation from Homeland Environmental.

Best Available Technology Unit (BAT)

BAT Unit: No Manufacturer: Model:

Power to Control Panel: Control Panel: Control Panel Alarm:

Last Service Date: Was Last Service Date more than 365 days:

Comments: N/A

Distribution Box

Distribution Box: No Number of Drainlines leaving Box: Distribution Box Level:

Is there Equal Distribution to Drainlines: Liquid Level:

Comments: N/A

Pumping Chamber

Pumping Chamber: No Access: Liquid Level:

High Water Alarm: Alarm Properly Functioning: Separate Float Tree:

Pump Elevated off the Bottom of the Tank: Electrical Connections:

Comments: N/A

Soil Absorption System

Absorption Type: Drywell Observation Pipes (OP): Yes OP Water Depth: >20 inches

Trenches Probed: Yes Describe Observation: Dry within 36" below grade.

Evidence of Surfacing Effluent: No Describe:

Comments: Please refer to separate septic evaluation from Homeland Environmental.

Other On-Site Disposal Systems (OSDS) Components and Systems

Detail all other OSDS components not covered in the above sections.

Comments: Please refer to separate septic evaluation from Homeland Environmental.

OSDS Testing

Hydraulic Load Test

Hydraulic Load Test Performed: Yes No Testing Volume: Gal Elapsed Time: Min

Comments:

Dye Test

Suspicious Liquid Discharge on or near the Property: Yes No

Dye Test Performed: Yes No Reason:

Comments:

Tank Pump Out

Tank(s) Pumped: Yes No Number of Tanks Pumped: Total Gallons Pumped:

Any Flow into Tank from Outlet Pipe: Any Groundwater Entering the Tank:

Does the Tank Appear to be Watertight: Yes No-Cracks

Comments:

Summary/Conclusions

Wastewater Collection System		<input checked="" type="checkbox"/>	Satisfactory
Conveys all Wastewater to Sewer Line:		<input type="checkbox"/>	Unsatisfactory
		<input type="checkbox"/>	Satisfactory with Concerns
Sewer Line		<input type="checkbox"/>	Satisfactory
		<input type="checkbox"/>	Unsatisfactory
		<input checked="" type="checkbox"/>	Satisfactory with Concerns
Grease Trap	N/A	<input type="checkbox"/>	Satisfactory
		<input type="checkbox"/>	Unsatisfactory
		<input type="checkbox"/>	Satisfactory with Concerns
Septic Tank		<input type="checkbox"/>	Satisfactory
		<input checked="" type="checkbox"/>	Unsatisfactory
		<input type="checkbox"/>	Satisfactory with Concerns
BAT Unit	N/A	<input type="checkbox"/>	Satisfactory
		<input type="checkbox"/>	Unsatisfactory
		<input type="checkbox"/>	Satisfactory with Concerns
Distribution Box	N/A	<input type="checkbox"/>	Satisfactory
		<input type="checkbox"/>	Unsatisfactory
		<input type="checkbox"/>	Satisfactory with Concerns
Pumping Chamber	N/A	<input type="checkbox"/>	Satisfactory
		<input type="checkbox"/>	Unsatisfactory
		<input type="checkbox"/>	Satisfactory with Concerns
Soil Absorption System		<input type="checkbox"/>	Satisfactory
		<input type="checkbox"/>	Unsatisfactory
		<input checked="" type="checkbox"/>	Satisfactory with Concerns
All other OSDS components	N/A	<input type="checkbox"/>	Satisfactory
		<input type="checkbox"/>	Unsatisfactory
		<input type="checkbox"/>	Satisfactory with Concerns
Does any component of the OSDS need to be repaired or replaced:			Yes
Explain: Septic tank will need to be replaced by a licensed septic contractor after permits have been issued by the local county health department.			
In my professional opinion this OSDS is properly functioning base on permitted capacity:			No
My inspection verifies the OSDS is consistant with the septic permit:			Yes
If listed for sale, does the number of bedrooms advertised match what is legally permitted:			Yes
Comments: N/A <div style="border: 1px solid black; height: 80px; width: 100%; margin-top: 5px;"></div>			
Check with the Approving Authority for permitting requirements before any repair is performed to the septic system.			

****ATTACH ALL DOCUMENTS PROVIDED BY THE APPROVING AUTHORITY**

THIS INSPECTION REPORT DETAILS COMPONENTS AND THE PRESENT CONDITION OF THE ON-SITE SEWAGE DISPOSAL SYSTEM FOR THE ADDRESS LISTED IN THE PROPERTY INFORMATION SECTION OF THIS REPORT. THE CONCLUSIONS OF THIS REPORT DO NOT GUARANTEE OR WARRANTY THIS OSDS WILL FUNCTION IN THE FUTURE.

This inspection of the septic system is an evaluation of function and is not an evaluation that the system meets current State regulations. The owner should not assume future expansion of the home is possible without additional evaluation completed by the Approving Authority.

I attest that I have properly completed an inspection of the OSDS at this property. This inspection includes information obtained from the property owner, or representative, and a document search from the Approving Authority. I have completed all sections pertaining to components of this OSDS. The conclusions of this report are my professional opinions based on my training and experience inspecting OSDS.

First Name: Mitchel	Last Name: Ruhkamp
License Number: 01679	

Signature: *Mitchel Ruhkamp* Date: 11 - 21 - 24