

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: 1/24/2024 **ONSITE SEWAGE DISPOSAL SYSTEM** P 575756

APPROVAL DATE: 4/22/2024 **PERMIT: REPAIR - BRF** A _____

PROPERTY ADDRESS: 1425 Marriottsville Road

SUBDIVISION: N/a LOT: 1 TAX ID: 03-280829

CONTRACTOR: Fogle's EMAIL: Jeff@foglesinc.com

CONTRACTOR ADDRESS: 580 Obrecht Road, Sykesville, MD 21784 PHONE: 410-795-5670

CONTRACTOR CERTIFIED FOR BAT INSTALLATION: MDE MANUFACTURER: Norweco

PROPERTY OWNER: Christa Carey EMAIL: crccarey@gmail.com

OWNER ADDRESS: Same as above PHONE: _____

BAT UNIT MODEL: Norweco TNTLP500 PUMP SIZE: 2hp PUMP TANK CAPACITY: 1500

OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: 10/18/2023 DATE RECORDED: 10/18/2023

DISTRIBUTION SYSTEM: GRAVITY LPD BEDROOMS: 3 APPLICATION RATE: 0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>169.57</u>	INLET DEPTH: <u>1.5-2.5'</u>
	TRENCH WIDTH: <u>2</u>	MAXIMUM BOTTOM DEPTH: <u>5</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3</u>
LOCATION:	SYSTEM TO BE STAKED BY DESIGNER AND VERIFIED BY APPROVING AUTHORITY DURING PRE-CONSTRUCTION INSPECTION.	
NOTES:	Install system per approved design plans.	

ISSUED BY: Kevin M. Wolf, L.E.H.S. ISSUE DATE: 1/4/2024 EXPIRATION DATE: 1/4/2025

- 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 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 24000317
- 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

See Attached sheet for details

3/22/2024 -

Electrician onsite for P&A. float successfully sets off alarm outside of hole. Visual & Lubric Good. Well also seen outside of house near driveway. Pump unsuccessfully sends water to trenches. Lower trench 3 has 4' distal head (needs requirements), upper & middle trench did not have any water surging. Lowest trench also has 2' distal inside of trench seen coming up with water.

4/22/2024 - Installer & Electrician onsite for P&A. Installer blew out packing peanuts in system. Additional packing peanuts found during P&A, removed while onsite. 4 distal head @ 2', 1/2 @ 2.8', 1, @ 4'.

ROAD NAME

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	1.5'-2'	5
NUMBER OF TRENCHES		3
TOTAL LENGTH		184
ABSORPTION AREA		552 ft ³
DISTRIBUTION BOX LEVEL		---
DISTRIBUTION BOX BAFFLE		---
DISTRIBUTION BOX PORT		---

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	yes
MANUFACTURER	Babylon
CAPACITY	TNT 500/600 GAL
SEAM LOC	Top
TANK LID DEPTH	2'-3'
BAFFLES	---
BAFFLE FILTER	---
MANHOLE LOC	front, middle, & back
6" PORT LOC	---
WATERTIGHT TEST	---
SLOTTED	---
DATE ON LID	12/8/2023
PUMP/SEPTIC TANK LEVEL	yes
MANUFACTURER	Babylon
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1'-1.5'
BAFFLES	---
BAFFLE FILTER	---
MANHOLE LOC	Front & back
6" PORT LOC	---
WATERTIGHT TEST	---
SLOTTED	---
DATE ON LID	12/4/2024

SEPTIC CONTRACTOR ONSITE INSTALLING SYTEM: Jarvis Jones
SEPTIC CONTRACTOR ONSITE LICENSED WITH THE STATE OF MD. YES/NO

PRE-CONSTRUCTION NOTES:

10/12/2023 Jarvis Jones approved. 1/24/2024 Electrical permit rec'd. Contractor advised by owner. Permit released 2/6/2024. Excavation for trenches. Installer balance concrete tubes can be set. (pass) 2/6/2024 (pass)

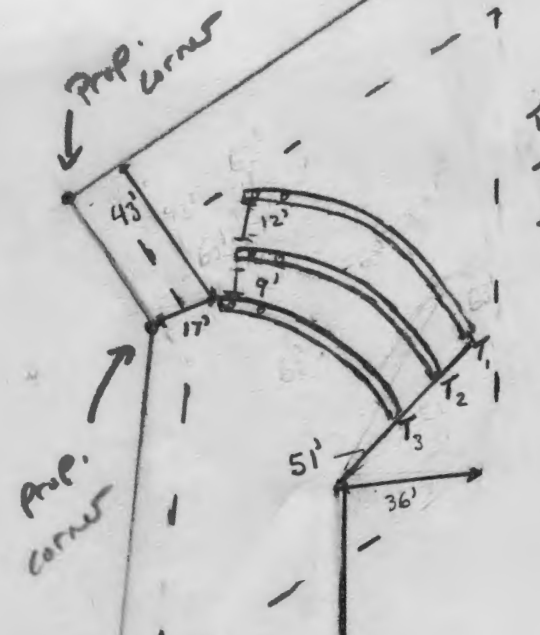
INSTALLATION NOTES:

part at 3" S.M. installed down hole. All 3 tubes put together, hole OK to continue (pass) 2/7/2024 - Contractor backfilled S.M. along up. (pass) 2/8/2024 - 1st trench set, contractor stated he would cut bore tube to about 2'-3' above V.A.T. tank. Contractor started middle trench (pass) 2/19/2024 - Inlet of upper trench @ 2', middle & lower @ 1.5', lengths @ 63, 60, &

FINAL INSPECTOR S. Page DATE OF APPROVAL 4/22/2024

Tank lid incorrect date, received letters from Babylon stating date lid covered with debris.

50'



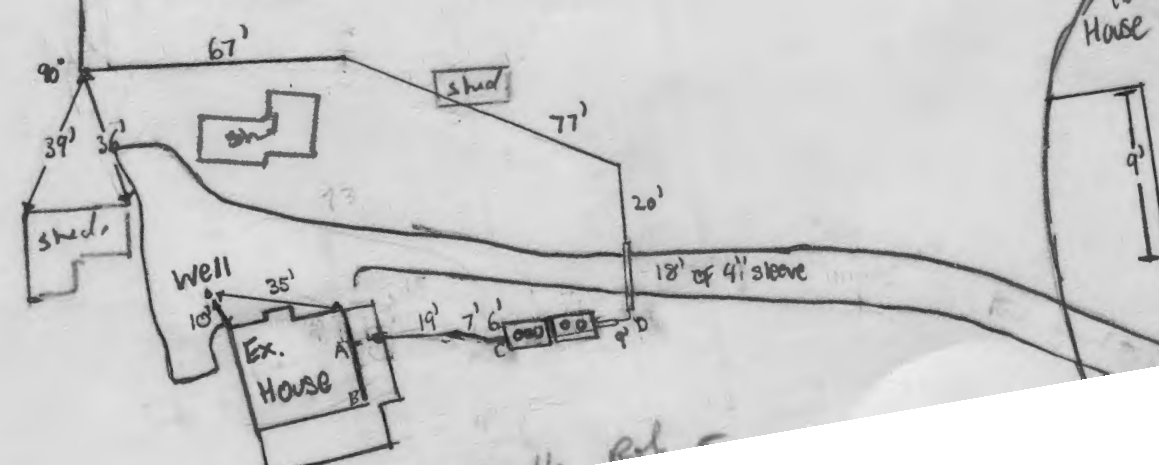
T₁ - 63'
 T₂ - 60'
 T₃ - 61'

Ex. Drilled well

Prop line

283'

A-C: 39'
 B-C: 39'
 A-D: 72'
 B-D: 72'
 Well-C: 73'

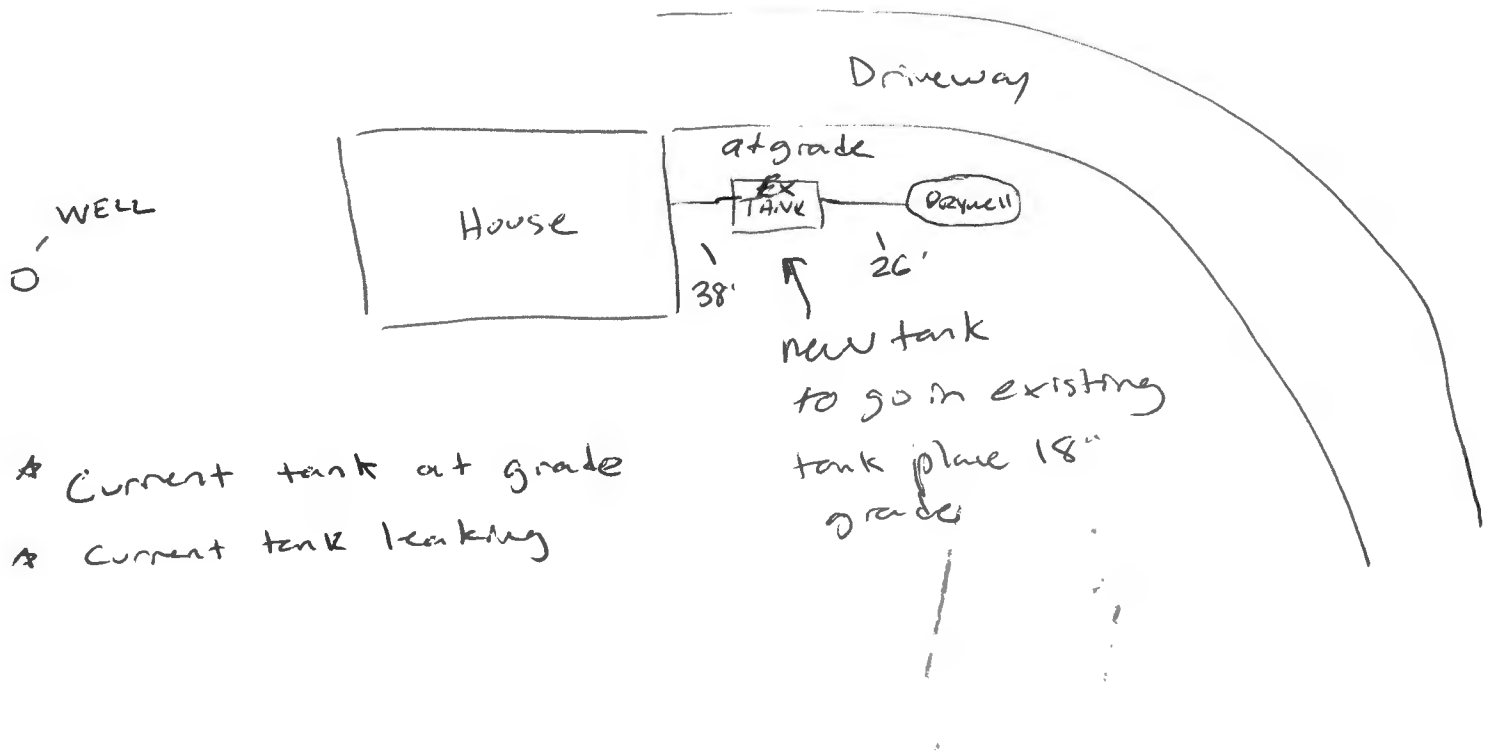


(Entire House C)



YOUNG SEPTIC SERVICES
1802 BALTIMORE BOULEVARD
WESTMINSTER, MD 21157
INFO@YOUNGSEPTIC.COM
(443)775-7353

1425 Marriottsville Rd
Marriottsville MD 21104



- * Current tank at grade
- * Current tank leaking

HUGO HEALTH DEPART
JAN 09 2023
Environmental Health



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 WESTMINSTER, MD 21157
INFO@YOUNGSEPTIC.COM
 (443)775-7353

Inspection Findings & Comments

System Component	Condition	Comments
Septic Tank / Pre-Treatment Unit	<input type="checkbox"/> Acceptable <input type="checkbox"/> Acceptable with Concerns <input checked="" type="checkbox"/> Unacceptable <input type="checkbox"/> Needs further Evaluation <input type="checkbox"/> N/A	<ul style="list-style-type: none"> Septic tank leaking at the mid-seam, tank needs to be replaced to meet county requirements Once tank is installed recommend pumping out every 2-3 years
Pump Tank	<input type="checkbox"/> Acceptable <input type="checkbox"/> Acceptable with Concerns <input type="checkbox"/> Unacceptable <input type="checkbox"/> Needs further Evaluation <input checked="" type="checkbox"/> N/A	
Distribution Box	<input type="checkbox"/> Acceptable <input type="checkbox"/> Acceptable with Concerns <input type="checkbox"/> Unacceptable <input type="checkbox"/> Needs further Evaluation <input checked="" type="checkbox"/> N/A	
Soil Absorption System	<input type="checkbox"/> Acceptable <input checked="" type="checkbox"/> Acceptable with Concerns <input type="checkbox"/> Unacceptable <input type="checkbox"/> Needs further Evaluation <input type="checkbox"/> N/A	<ul style="list-style-type: none"> During tank replacement open and re evaluate seepage pit, install riser access
Conveyance System: (i.e., Piping)	<input type="checkbox"/> Acceptable <input type="checkbox"/> Acceptable with Concerns <input checked="" type="checkbox"/> Unacceptable <input type="checkbox"/> Needs further Evaluation <input type="checkbox"/> N/A	<ul style="list-style-type: none"> New inlet and outlet line to be installed during tank replacement
Other: _____	<input type="checkbox"/> Acceptable <input type="checkbox"/> Acceptable with Concerns <input type="checkbox"/> Unacceptable <input type="checkbox"/> Needs further Evaluation <input checked="" type="checkbox"/> N/A	



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The recipient of this report should discuss any deficiencies found by this inspection with the Inspector.

DISCLAIMERS

Based upon the observable conditions, documented inspection procedures conducted, and experience within the septic/onsite wastewater technology industry, this submitted Inspection Report represents the present condition of the septic or onsite system. It is further stated that I have not been retained to provide a warranty, guarantee, or certification of the components and functioning of the system for any period of time into the future, because of the numerous factors (usage, soil characteristics, existence of previous failures, length of vacancy in the house, excessive dry or wet weather conditions, etc.) that may affect the proper operation of a septic system, as well as the inability of our Company to supervise or monitor the use or maintenance of the system.

I attest that the information contained herein, and my assessment is honest, thorough, and to my knowledge, correct. Furthermore, I have completed the MDE Onsite Systems Inspection, Practices and Procedures Course and have fully applied the standards of practice taught in the course during inspection.

MDE Certified Inspector Signature: *Randy Young*

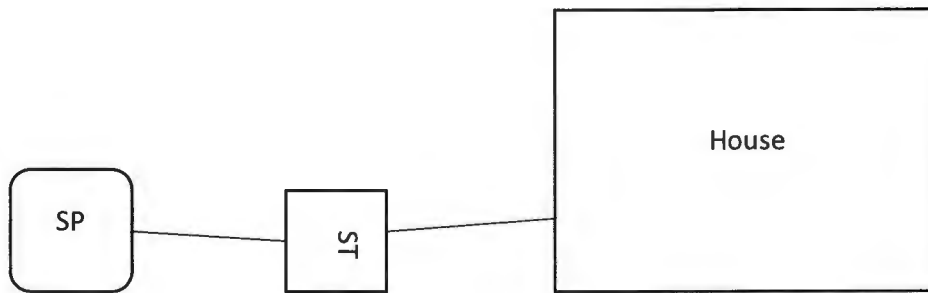
HoCo Health Depart
JAN 09 2023
Environmental Health



YOUNG SEPTIC SERVICES
 1802 BALTIMORE BOULEVARD
 WESTMINSTER, MD 21157
INFO@YOUNGSEPTIC.COM
 (443) 775-7353

System Diagram

Key
H = House
ST = Septic Tank
C = Cleanout
AT = Absorption Trench
SP = Seepage Pit
DR = Driveway
D = Distribution Box
' = Feet
" = Inches



System Components

Septic Tank	Concrete mid-seam	Gallons	1000	Distribution Box		Seepage Trenches:	
Aerobic Tank		GPD		Sand Filter		Seepage Pit:	X
Cesspool		Gallons		Pump		Mound:	



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Inspection Photos & Comments

	<p style="text-align: center;">Comments</p> <ul style="list-style-type: none"> • Septic tank located on the left side of the house approximately 25' from the house • Tank depth at grade, mid-seam tank identified, tank currently leaking. • See recommendations below
	<p style="text-align: center;">Comments</p> <ul style="list-style-type: none"> • Outlet line to seepage pit collapse. See recommendations below. • Seepage pit located approximately 10' from the tank

HoCo Health Depart
JAN 09 2023
Environmental Health

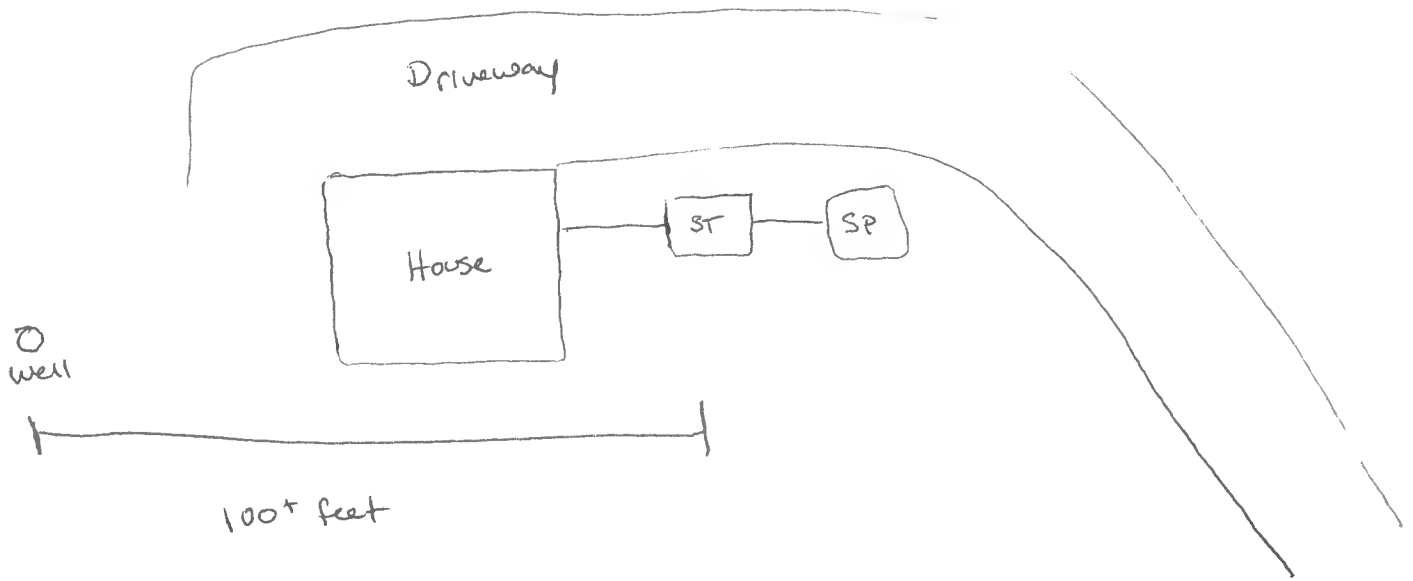




YOUNG SEPTIC SERVICES
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WESTMINSTER, MD 21157
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(443)775-7353

Christa Carey

1425 Marriottsville Rd
Marriottsville MD 21104



no neighboring wells within 100ft.

McGe Health Report

FEB 14 2023

Environmental Health

RECEIPT

Howard County, MD
HOWARD COUNTY HEALTH DEPARTMENT
ASCEND ONE BUILDING
Columbia, MD 21045
8930 STANFORD BLVD

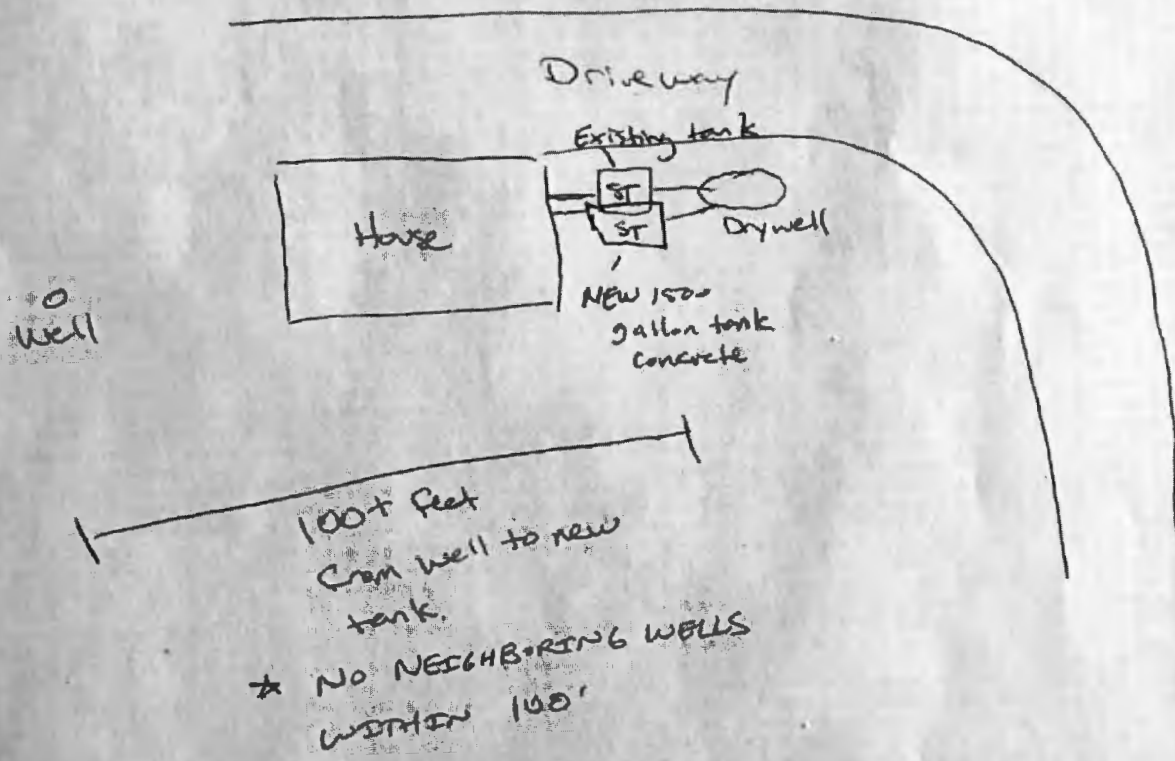
Application: WS-SP-APP-23-00033
Application Type: EnvHealth/Well and Septic/Sewage Disposal System/Application
Address: 1425 Marriottsville RD,

Receipt No.	5849					
Payment Method	Ref Number	Amount Paid	Payment Date	Cashier ID	Received	Comments
Check	1248	\$165.00	02/17/2023	JUKING		Receipt # 72788
Work Description:	Septic Repair					



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 WESTMINSTER, MD 21157
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 (443)775-7353

Christa Carey
 1425 Marriottsville Rd
 Marriottsville MD 21104



Approved Septic System Plan
 Howard County Health Department

[Signature]
 Signature

1/19/2023
 Date

Handwritten text, possibly a signature or title, located at the bottom center of the page.

Two horizontal lines with faint markings below them, possibly indicating a signature line or a date.

James R. Powell
421 Rockway Road
Catonsville, Maryland
21228

September 13, 2023

Kevin M. Wolf, LEHS, REHS/RS
Section Supervisor, Groundwater Management
Well and Septic Program
Howard County Health Department
8930 Stanford Blvd.
Columbia, Maryland 21045

Re: 1425 Marriottsville Road

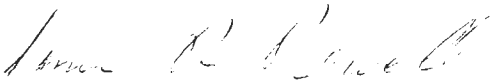
Dear Mr. Wolf,

I am attaching for your review, the low-pressure dose deep trench system repair for the subject property.

If you have any questions, revisions, etc. regarding the design, please call me at 443-900-3169 or shoot me an e-mail at robpowell781@verizon.net. Once the plans have been approved, I will mail additional copies.

Thank you.

Sincerely,


James R. Powell, L.E.H.S.



CANAAN VALLEY INSTITUTE

July 10, 2023

Christa Carey
1425 Marriottsville Road
Marriottsville, MD 21044

RE: FY 2024 Howard County Bay Restoration Fund OSDS Upgrade Program

Dear Ms. Carey,

Thank you for your application to participate in the Howard County Bay Restoration Fund OSDS Upgrade Program. The Howard County Health Department has verified that your septic system is failing and in need of an upgrade. Based on your 2022 income taxes, you are eligible to receive funding to cover **100%** of the cost to upgrade your system to one of the MDE approved best available technology units listed below. The Bay Restoration Fund grant award *only* includes the cost of the unit, installation of the unit, and 2 years of operation and maintenance. The award does not include the cost of permits, electrical upgrades, drainfields, sand mounds, etc.

<u>System</u>	<u>Vendor</u>	<u>Contact</u>	<u>Phone</u>
Aquaklear	Baystar Precast	Dave Care	410-977-3453
Advantex	Atlantic Solutions	Bob Johnson	877-814-8426
BioMicrobics	Dwayne C. Jones	Dwayne C. Jones	410-692-6900
Fuji Clean	Dwayne C. Jones	Dwayne C. Jones	410-692-6900
Hoot	Mayer Bros.	Nancy Mayer	410-796-1434
Hydroaction	Sample Excavating	Mike Sample	443-807-8639
Norweco	Back River Pre-Cast	Matt Geckle	410-833-3394
Septitech	Dwayne C. Jones	Dwayne C. Jones	410-692-6900

In order to receive your OSDS upgrade, **you MUST follow these steps:**

1. **Sign this letter** on the bottom of page 2 **and return it** to the email or address below within **2 weeks of the date of this letter.**
2. If not done already, file a septic repair permit application with the Howard County Health Department **within 2 weeks of the date of this letter.**
3. Obtain the Agreement and Easement for Installation of Best Available Technology Systems with Bay Restoration Funds from the Howard County Health Department, have it signed by a Howard County Health Department Bureau Director or Designee, then take it to the Circuit Court and have it recorded in Land Records **within 2 weeks of the date of this letter.**
4. Prepare your property and schedule installation of the system. The system must be installed **within 6 weeks of the date the Agreement and Easement is recorded.**

If assistance is needed in completing any of the steps listed above, you may contact me at megan.lehew@canaanvi.org.

10624 Appalachian Highway
Davis, WV 26260
www.canaanvi.org

The system vendor will provide a contractor to install your BAT unit. If you choose a contractor other than the ones provided by the vendor, they must be willing to install the unit for the fixed price approved by MDE. The vendor may also require proof of insurance from your contractor. **CVI will send payment directly to the manufacturer for the system and installation costs.**

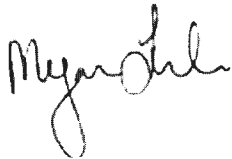
If your system is not installed within the 8-week timeframe listed in the steps on page 1, the funds may be released and used elsewhere. If you are unable to complete installation in the timeframe listed, please contact me to discuss an extension. Please note that no extensions can be granted beyond June 27, 2024.

For more information on septic repair permitting, contact:

Jeff Williams
Bureau of Environmental Health
Howard County Health Department
410-313-4261
jewilliams@howardcountymd.gov

Please sign and return this original letter and keep a copy for your records. If you have any questions, please contact me at megan.lehew@canaanvi.org.

Sincerely,



Megan Lehew, Grants & Finance Administrator

I have read and agree to the conditions of this Agreement Letter.

Accepted by: Christa Carey, Property Owner

Signature

Date

10624 Appalachian Highway
Davis, WV 26260
www.canaanvi.org

Wolf, Kevin

From: Wolf, Kevin
Sent: Thursday, November 30, 2023 9:36 AM
To: Michael Sack; Christa Carey
Subject: RE: 1425 Marriottsville Rd

Christa/Mike,

I have been in contact with the Maryland Department of the Environment (MDE) to discuss the concerns and issues with cost related to the installation of the septic repair installation. Unfortunately, further research and discussions into State Regulations does not allow holding tanks as an option for a replacement system if a conventional site is available. The section of COMAR 26.04.02.02 K

K. A holding tank may be used to resolve an existing on-site sewage disposal failure if a community sewerage facility is not available and on-site repair protective of the public health is not possible. A holding tank may not be permitted to serve new construction or for the purpose of adding capacity to an existing disposal system in order to accommodate a change in property use. For a building served by a holding tank, the Approving Authority may not allow a building addition or a change-in-use or operation that would result in a foreseeable or potential increase in sewage flows from the building. A holding tank may be permitted to serve a public building as determined by the Approving Authority and the Department of the Environment to be essential. The permission to allow a holding tank for an essential public service building shall include consideration of the following:

(1) Whether the proposed building is directly related to and necessary to protect the public safety;

(2) Whether the proposed building supplies any critical public service;

(3) The volume and character of the waste to be generated, and, its ultimate disposal; and

(4) The expected length of time the holding tank will be in service before a conventional disposal mode is available.

I would highly suggest getting some more bids from other septic installers. I also spoke with my Assistant Director and we are consulting with MDE's regional consultant for some other alternatives and guidance. I will keep you posted.

Kevin

rom: Michael Sack <msack222@gmail.com>
Sent: Monday, November 27, 2023 9:34 AM
To: Christa Carey <crccarey@gmail.com>
Cc: Wolf, Kevin <KWolf@howardcountymd.gov>; randy@youngseptic.com
Subject: Re: 1425 Marriottsville Rd

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Hi Kevin,

Just following up on this - Is the county able to cover more than the 20k for the system? And are holding tanks another viable option?

Thanks,
Mike

On Tue, Nov 21, 2023 at 4:14 PM Christa Carey <crccarey@gmail.com> wrote:

Hi Kevin,

I hope your week is going well!

How much is the grant going to cover? Our quote came back in at 89k so we're strongly considering holding tanks if possible.

Warmly,
Christa

Wolf, Kevin

From: Wolf, Kevin
Sent: Tuesday, April 4, 2023 11:28 AM
To: Christa Carey; James Powell
Cc: Michael Sack
Subject: RE: 1425 Marriottsville Road
Attachments: [Untitled].pdf

Christa,

I have attached the info requested for the Young Septic and my notes on the evaluation. Here is the original file scanned which shows the area of the proposed SDA, percolations tests, percolation certification, and other related correspondence. Note that it has been broken up as lot 1 and 2 when the subdivision occurred.

http://hcenvhealthinfo.org/hcenvapp_2/index.php/file-search/35498-ws-marriottsvilleroad-1425-1981-taxid-03-280829/file

http://hcenvhealthinfo.org/hcenvapp_2/index.php/file-search/35499-ws-marriottsvillerd-1425-lot-1-taxid-03-280829/file

http://hcenvhealthinfo.org/hcenvapp_2/index.php/file-search/35914-ws-marriottsvilleroad-1425-1991-taxid-03-280829/file

To answer your second question(s), there has been no survey of the property that I could tell. I walked the north most boundary line and could not see any survey. The lot would most definitely need to be surveyed. We do not have a list of surveyors but you can probably look them up on google or maybe talk to your contractor/designer for a few. If not, let me know and may be able to provide you with 3 or 4. This would need to occur to determine any outlook for a replacement system.

Rob – Let me know if you would like to chat about this one. I had some conversations with peers and would like to share and get your thoughts.

Thanks

Kevin

CONFIDENTIALITY NOTICE

This message and the accompanying documents are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential, or exempt from disclosure under applicable law. If the reader of this email is not the intended recipient, you are hereby notified that you are strictly prohibited from reading, disseminating, distributing, or copying this communication. If you have received this email in error, please notify the sender immediately and destroy the original transmission.

From: Christa Carey <crccarey@gmail.com>
Sent: Monday, April 3, 2023 8:18 PM
To: James Powell <Robpowell781@verizon.net>; Wolf, Kevin <KWolf@howardcountymd.gov>
Cc: Michael Sack <michael.b.sack@gmail.com>
Subject: Re: 1425 Marriottsville Road

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Hi Kevin,

Following up on my last email. Would you be able to share the following information?

1. Could we obtain the results of the perc test that the county most recently conducted along with all the records from the 1991 test? Do we need to submit a request to obtain these documents?
2. Has the property been surveyed recently? If not, does the county have any surveyor contacts? Will our property need to be surveyed for the septic replacement?

-Christa

On Mon, Mar 27, 2023 at 11:19 AM Christa Carey <crccarey@gmail.com> wrote:

Hi Kevin,

I'm including James, designer, in this email thread. Could you provide us the results from the perc test? I'm not quite sure what all is needed at this point to move forward.

Warmly,
Christa

On Thu, Mar 16, 2023 at 2:15 PM Christa Carey <crccarey@gmail.com> wrote:

Thank you!

On Thu, Mar 16, 2023 at 1:44 PM Wolf, Kevin <KWolf@howardcountymd.gov> wrote:

Christa,

See attached list of designers that may be of some interest in your current design.

Kevin

From: Christa Carey <crccarey@gmail.com>
Sent: Monday, March 13, 2023 10:59 AM
To: Michael Sack <michael.b.sack@gmail.com>; Wolf, Kevin <KWolf@howardcountymd.gov>
Cc: Ben Holtzclaw <ben@youngseptic.com>
Subject: Re: 1425 Marriottsville Road

[Note: This email originated from outside of the organization. Please only click on links or attachments if you know the sender.]

Hi Kevin,

Let's move forward with the grant process. We will work with Ben on next steps for installation. If you could send the designer contacts that would be great.

Thank you,

Christa

On Mon, Mar 13, 2023 at 9:27 AM Wolf, Kevin <KWolf@howardcountymd.gov> wrote:

Hi Christa,

I wanted to follow-up with you on your site evaluation for your property that we performed with Young Septic on 3/2. The property was looked over quite extensively and the only area we thought would be usable was the flat 'terraced' area uphill from the house. Unfortunately, the percolation test we dug in this location did not yield good results for a conventional repair. The area is peppered with steep slopes, rock, and dense clay material in the upper 4 feet. We did, however, were able to walk to the far back left corner of the property where an area had manageable slopes (<25%) which would possibly be used for a conventional repair system. The properties records dating back to 1991 respectively, showed percolation tests in this area that was later defined on a Percolation Certification (PC) Plan. The only obstacle I see is getting the septic effluent up the hill to this area for trench dispersal. We have discussed this in detail with Young Septic and they are aware of what would be needed to install such a system. The elevation difference pumping from the bottom of the hill (near the existing septic tank location) to the area up at the top of the hill where the proposed trenches would go is roughly 75 feet. You would be eligible for the Bay restoration and that would cover the cost of the BAT unit.

From here, I would probably consult with Young Septic or maybe even a private designer who specializes in septic repairs of this level. We do know a few companies if you would like, I can forward there information to you. Let me know how you would like to proceed from here, and at minimum, we can get you started on the Bay Restoration Fund grant process.

Thanks,

Kevin M. Wolf, LEHS, REHS/RS

Groundwater Mgmt. Sec. Supervisor

Well & Septic Program

Howard County Health Department

8930 Stanford Blvd.

Columbia, MD 21045

410-313-2645 (Office)

410-313-2648 (Fax)

www.hchealth.org

kwolf@howardcountymd.gov



twitter.com/HoCoHealth



facebook.com/HoCoHealth



instagram.com/hocohealth

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Babylon

V A U L T
S I N C E 1 9 3 0

Phone: 410-848-0393

Fax: 410-848-3551

Email: info@BabylonVaultCompany.com
2/9/2024

925 Wakefield Valley Road
New Windsor, MD 21776

Howard County Government

RE: 1425 Marriottsville Road

On 2/8/2024 we delivered a 1500 Gallon Pump Tank to the above address with a pour date of 12/4/24 however, the date should be 12/4/23. Please except this letter as a correction for this date.

Sincerely,

Shelly Kreit

Babylon Vault Company Inc.

www.BabylonVaultCompany.com



BACK RIVER PRE-CAST, LLC
 PO BOX 329
 GLYNDON, MD 21071
 PH# 410-833-3394

NORWECO CERTIFICATION

PROPERTY OWNER: CRISTA CAREY	INSTALLATION COMPANY: FOGLE'S
ADDRESS: 1425 MARRIOTTSVILLE RD.	CERTIFIED INSTALLER: JAMIE DEAVERS
CITY, ZIPCODE & COUNTY: MARRIOTTSVILLE, 21104, HOWARD	PERMIT#
SIZE OF SYSTEM INSTALLED:	DATE INSTALLED: 2-8-24
600 GPD CONCRETE	START-UP DATE: 2-26-24
NUMBER OF BEDROOMS:	DATE OF FINAL INSPECTION:
TYPE OF INSTALLATION: FAILING	DATE OF ELECTRICAL INSPECTION:
ELECTRICAL WIRING PER ELECTRICAL INSTRUCTIONS: YES	TANK LEVEL: YES
HT. OF CONTROL PANEL ABOVE FINAL GRADE: 24"	BURIAL DEPTH OF TANK: 20"
SYSTEM WIRED ON A 15-AMP DEDICATED CIRCUIT WITH STD. BREAKER: YES	RISERS 4" - 6" ABOVE GRADE: YES
LENGTH(S) OF UF WIRE PAST LAST AERATION RISER(S): 36"	VENTED LID(S) ON AERATION CHAMBER(S): YES
FEMALE PLUG(S) WIRED TO UF WIRE: YES	ANY GROUND SETTLING AROUND TANK: NO
CONDUIT(S) ENTERING AERATION RISER MADE WITH A WATERTIGHT CONNECTION: YES	
ISTHE INSIDE OF THE CONDUIT ENTERING THE CONTROL PANEL(S) AND AERATION RISER(S) SEALED WITH DUCT SEAL: YES	

ON 2ND PAGE MAKE A ROUGH SKETCH OF THE HOUSE ,WHERE THE SYSTEM IS LOCATED, WHERE THE CONTROL PANEL IS LOCATED , WHERE THE FRONT OF THE IS AND DIRECTIONS TO THE PROPERTY.

DIRECTIONS CAN START A FEW STREETS AWAY

EXAMPLE: RT. X LEFT ONTO XX STREET RIGHT ONTO PRIVATE DRIVEWAY 5TH HOUSE OF THE LEFT.

I certify that the Norweco Singlair TNT Wastewater Treatment System was installed according to the manufacture's specifications.

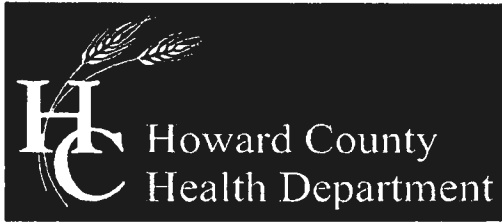
Matthew Geckle

February 26, 2024

Signature of BRP Representative

Vice-President

Date



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

Twitter: HowardCoHealthDep

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

AGREEMENT AND EASEMENT FOR INSTALLATION OF BEST AVAILABLE TECHNOLOGY SYSTEMS WITH BAY RESTORATION FUNDS.

THIS AGREEMENT is made this 16th day of October 2023, among Christa Cary & Michael Sack hereinafter referred to as "Owner," the Howard County Health Department hereinafter collectively referred to as the "County," and the Department of the Environment, hereinafter referred to as the "Department."

WHEREAS, Owner owns a tract of land located on 1425 Marriottsville Rd, Marriottsville MD, 21104 in the Election District of Howard County, Maryland, and the deed to same is recorded among the Land Records of Howard County, Maryland, in Columbia and in Liber 21950 Folio 60187.

WHEREAS, the Bay Restoration Fund (BRF) may provide a grant for the cost attributable to upgrading an onsite sewage disposal system to the Best Available Technology (BAT) for the removal of nitrogen.

WHEREAS, the BRF may also provide a grant for the cost difference between a traditional onsite sewage disposal system and a system that utilizes the BAT for the removal of nitrogen.

WHEREAS, Owner understands that participation in the Bay Restoration Fund is voluntary.

NOW, THEREFORE, the parties hereto agree as follows:

- A. Owner hereby grants to the Department and the County the right to enter upon the property at any reasonable time for access to the system to make periodic inspections and the Owner agrees to provide any information and data requested and needed by the Department to develop accurate and thorough test results.
B. Owner acknowledges and agrees that a MDE certified and manufacturer-approved installer will install the BAT system.
C. Owner acknowledges and agrees the manufacturer or manufacturer's authorized service provider will provide for Operation and Maintenance of the BAT for a period of 2 years as a condition of sale of the BAT. After the initial 2 year period, the owner will provide for annual maintenance by a certified service provider in perpetuity.
D. Owner acknowledges and agrees that the manufacturer appointed Operation and Maintenance provider will have access to the BAT system at all times.
E. Owner acknowledges and agrees that the manufacturer or manufacturer's authorized service provider will have access to sample the effluent of the BAT system. Owner acknowledges and agrees that the proposed installation of a BAT system funded by the BRF is voluntary. Owner agrees that there shall be no liability on the part of the County or Department to Owner if this BAT system fails, and that the County and the Department do not warrant or guarantee that the BAT system will adequately or properly function.
F. Owner acknowledges and agrees that neither the County nor the Department nor any of its agents or employees, either officially or individually, underwrites the operation of any system

HOWARD COUNTY CIRCUIT COURT (Land Records) WAR 22151, p. 0395, MSA_CE53_22143. Date available 10/20/2023. Printed 10/25/2023.

20
40
80

LR - Agreement 20.00
Recording Fee
Name: Sack
Ref: Easement
40.00
Subtotal 60.00
Total 60.00
10/18/2023 01:11
#764113 CC0503 -
CC13-610
F11rcolt
03-03 -

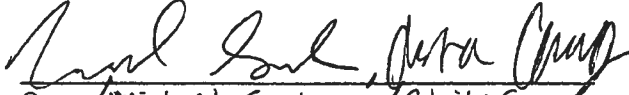
HoCo Health Depart
OCT 17 2023
Environmental Health

approved by them.

- G. The Owner will devote such care and effort to the maintenance of the BAT system so that any malfunction is not the result of poor maintenance, faulty operation, or neglect.
- H. The Canaan Valley Institute agrees to grant up to \$26,043 toward the cost of installation of the BAT system, and financial responsibility is limited to this amount. Operating costs will be at the Owners expense.
- I. The Owner acknowledges that the BRF grant can only be used for that portion of the OSDS attributable to (BAT) for the removal of nitrogen.
- J. Owner acknowledges in the event the total project cost is greater than \$25,000 the proposal will have to be approved by the Maryland State Board of Public Works.
- K. The Owner agrees to contact both the Water Management Administration, On-Site Systems Division of the Wastewater Permits Program and the County at least forty-eight (48) hours prior to system installation, so that the Department has the opportunity to be present at the time of installation or thereafter for inspection.
- L. The Owner must install BAT system according to the manufacturer recommended plans and specifications approved by the Department.
- M. The Owner agrees and acknowledges that if installation deviates substantially from the approved plans or changes such that performance of the system is compromised or reduced, BRF funding will not be provided.
- N. This agreement shall run with the land and binds the Owner, his heirs, successors, assigns. Owner further agrees that he shall inform in writing any purchaser or lessee of the property that the system may require maintenance or other attention. The Owner agrees to record this agreement in the land records of Howard County.
- O. This agreement shall not be construed to limit any authority of the Department to protect the public health, safety or comfort or to issue any other orders to take any other action that is now or may hereafter be within its authority.
- P. This agreement may be voided at the discretion of the Department if the system construction is not completed within six (6) months of the effective date of this agreement.
- Q. This agreement contains the entire agreement and understanding between the County and the Owner and the Department. There are no additional terms other than as contained in this agreement. This agreement may not be modified except in writing signed by each of the parties or by their authorized representatives.
- R. The laws of the State of Maryland govern the provisions of all transactions pursuant to this agreement.

IN WITNESS WHEREOF, the parties have signed this agreement on the date indicated above.

DATE: 10/16/2023


 Owner Michael Sack / Christa Carey

DATE: 10/18/23


 Howard County Health Department

