



**Howard County
Health Department**

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: 3/22/2023 **ONSITE SEWAGE DISPOSAL SYSTEM** P 571031
APPROVAL DATE: 4/10/23 **PERMIT: BRF REPAIR** A Repair
PROPERTY ADDRESS: 2600 Woodbine Road
SUBDIVISION: n/a LOT: n/a TAX ID: 04-326970
CONTRACTOR: Hatfield's Equipment EMAIL: ttracey@hatfieldsequipment.com
CONTRACTOR ADDRESS: PO Box 519 Annapolis Junction PHONE: 410-984-4880

CONTRACTOR CERTIFIED FOR BAT INSTALLATION: MDE MANUFACTURER: **NORWECO**

PROPERTY OWNER: Deonne Wollman EMAIL: _____
OWNER ADDRESS: 16491 Ed Warfield Road PHONE: 301-655-6847

BAT UNIT MODEL: TNT600 SEPTIC TANK: 2000g PUMP TANK CAPACITY: 2000g

OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: 3/23/2023 DATE RECORDED: 3/23/2023

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 5 APPLICATION RATE: 0.6

TRENCHES:	LINEAR FEET REQUIRED: <u>175</u>	INLET DEPTH: <u>3</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>9</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>8-9</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5</u>

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

NOTES: Install system per approved plan. System to utilize flow equalization per BAT rep specifications. Existing drywell to be pumped and collapsed. Ex. Well line to be re-routed out of repair system area. Must have electrical permit prior to beginning installation.

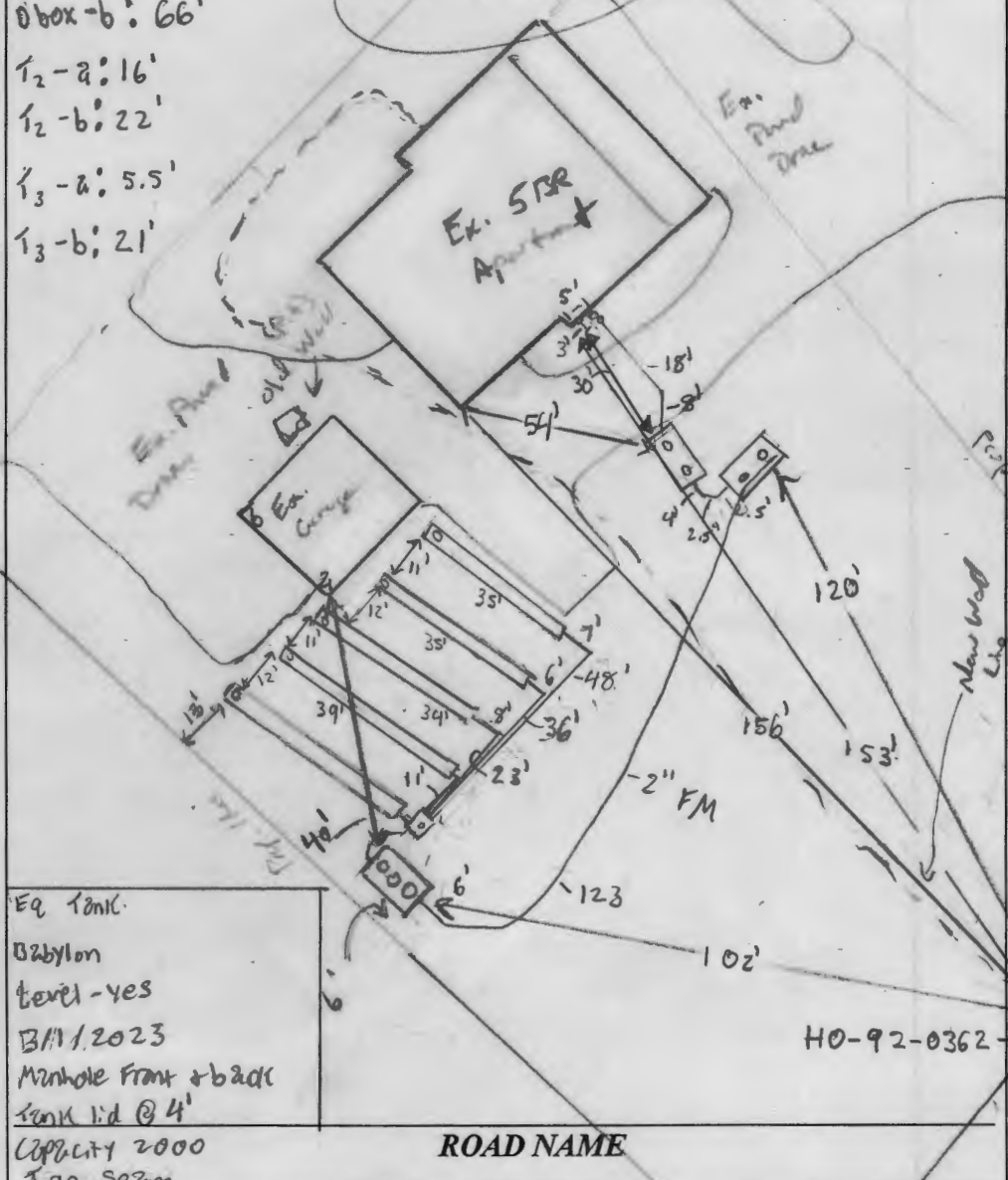
ISSUED BY: Kevin M. Wolf ISSUE DATE: 3/15/2023 EXPIRATION DATE: 3/15/2024

- 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 23001636
- 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.**

Dbox-a: 54'
 Dbox-b: 66'
 I₂-a: 16'
 I₂-b: 22'
 I₃-a: 5.5'
 I₃-b: 21'

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	3	9'
NUMBER OF TRENCHES	5	
TOTAL LENGTH	183	
ABSORPTION AREA	549 ft ²	
DISTRIBUTION BOX LEVEL	yes	
DISTRIBUTION BOX BAFFLE	Yes	
DISTRIBUTION BOX PORT	Yes	

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	Yes
MANUFACTURER	Back River
CAPACITY	600 GAL
SEAM LOC	Top
TANK LID DEPTH	2 1/2'
BAFFLES	-
BAFFLE FILTER	-
MANHOLE LOC	Front / C / Rear
6" PORT LOC	None
WATERTIGHT TEST	-
SLOTTED	Yes
DATE ON LID	3/22/23
PUMP SEPTIC TANK LEVEL	Yes
MANUFACTURER	Babylon
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	4'-5'
BAFFLES	6" Front + 4" back
BAFFLE FILTER	-
MANHOLE LOC	front + back
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	-
DATE ON LID	11/8/2022

Eq Tank.
 Babylon
 level - yes
 B/M 11/2023
 Manhole front + back
 tank lid @ 4'
 Capacity 2000
 Top seam

ROAD NAME

HO-92-0362

PRE-CONSTRUCTION:

3/29/2023 Site plan approval. Install system per plan. Tanks prop. by stake in field. (FRO)

INSTALLATION: 3/31/2023 BAT unit set. upper trench installed per plan. ok to continue. Electrical point gun. (FRO)

4/3/2023 - D-box level. PVC used from D-box to trenches is 3000 Triple Wall HOPE 4" ASTM F 810 (ADS). PVC used in trenches is ADS HOPE 50R 38 4" ASTM F 810. See attached pictures. Installer backfilled I₂ + I₄ to manholes site, shovelled out ends of I₄ to see pipe, installer had pic of end of I₂ w/ plastic & stone. Told installer to call inspector if need to be careful site for consultant D-box to garage + I₂ + I₃ to garage. (SP)

4/14/2023 - 2,000 2 compartment tank set & attached to plumbing inside of house. Installer excavating hole for equalization tank. measured pipe from house to trench; saw 1 reverse c/o. 2 cu holes. Installer backfilling connection to house.

FINAL INSPECTOR R. Rappaport DATE OF APPROVAL 4/10/23

Installer backfilling sides of tank & will leave open for 4/15/23. (SP)
 4/15/2023 - well line crossing FM is sleeved. Drywell abandoned (see attached pics). Equalization tank set & FM running from front manhole to Norweco tank. Irregular distance from 2 comp. tank to house. Reinspect for P & A (SP)
 4/18/23 - P&A ok - wasp panel w/ 3 circuits (panel, pump, alarm) - flats working, water pumped up to BAT tank - get BAT startup from manufacturer. (SP)



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

NORWECO CERTIFICATION

PROPERTY OWNER: DEANE WOLLMAN	INSTALLATION COMPANY: HATFIELD
ADDRESS: 2600 WOODBINE ROAD	CERTIFIED INSTALLER: TODD TRACEY
CITY, ZIPCODE & COUNTY: WOODBINE, 21797, HOWARD	PERMIT#
SIZE OF SYSTEM INSTALLED:	DATE INSTALLED: 03-29-23
600 GPD CONCRETE	START-UP DATE: 04-06-23
NUMBER OF BEDROOMS:	DATE OF FINAL INSPECTION:
TYPE OF INSTALLATION: NEW	DATE OF ELECTRICAL INSPECTION:
ELECTRICAL WIRING PER ELECTRICAL INSTRUCTIONS: YES	TANK LEVEL: YES
HT. OF CONTROL PANEL ABOVE FINAL GRADE: 36"	BURIAL DEPTH OF TANK: 24"
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): 30"	VENTED LID(S) ON AERATION CHAMBER(S): YES
FEMALE PLUG(S) WIRED TO UF WIRE: YES	ANY GROUND SETTLING AROUND TANK:
CONDUIT(S) ENTERING AERATION RISER MADE WITH A WATERTIGHT CONNECTION: YES	NO
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

April 06,2022

Signature of BRP Representative

Vice-President

Date

630 Trench Specs

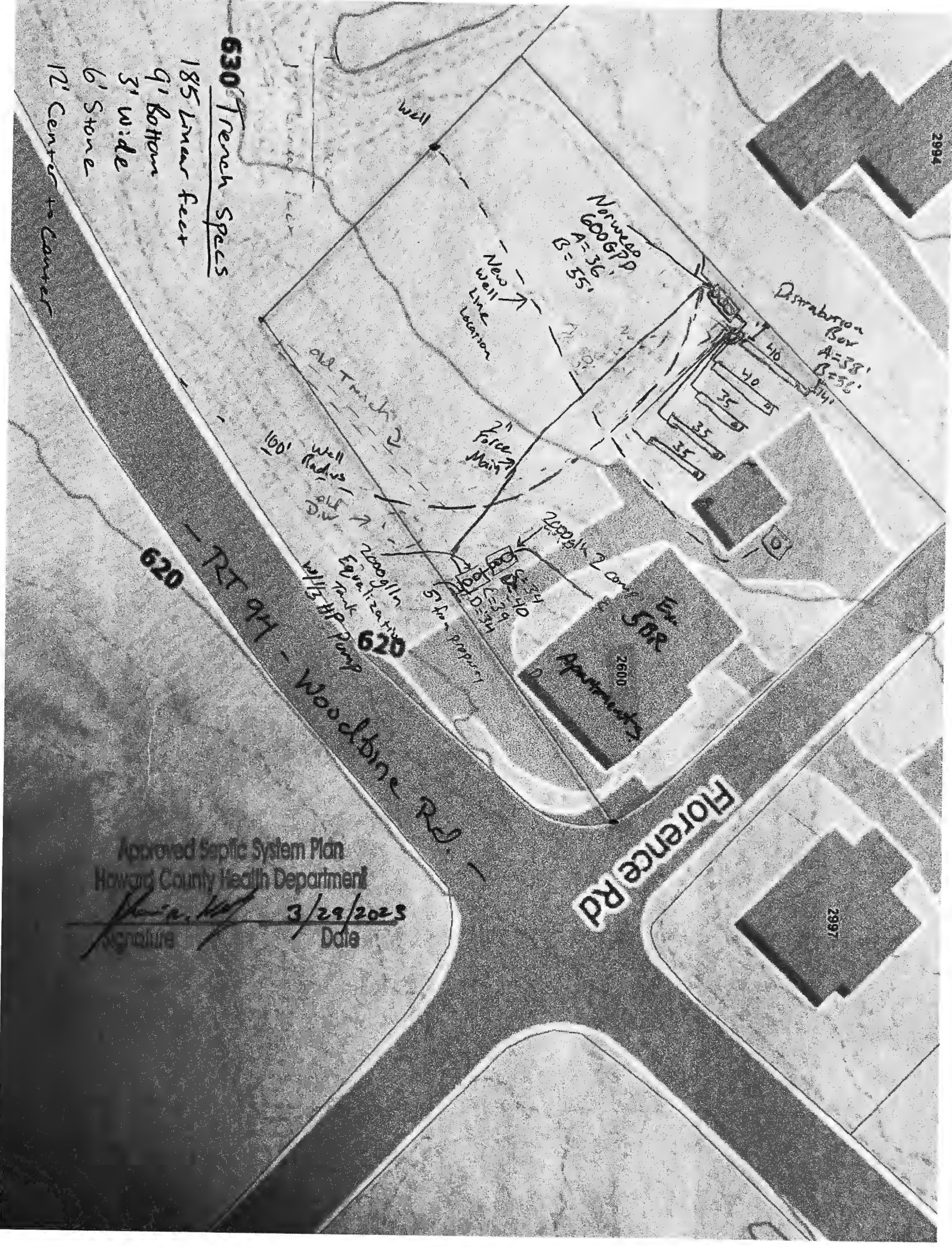
185 Linear Feet

9' Bottom

3' wide

6' Stone

12' Center to Center



Approved Septic System Plan
Howard County Health Department

[Signature]
Date 3/29/2025



Sub 400
closed 12:00 to 1:00

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 23 day of March, among 2600 Woodbin Rd, LLC / Deanna Willmas 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 2600 Woodbin Rd, Woodbin, MD 21797, 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 20840 Folio 00080

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 approved by them.
- G. The Owner will devote such care and effort to the maintenance of the BAT system so that any

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

- malfunction is not the result of poor maintenance, faulty operation, or neglect.
- H. The Canaan Valley Institute agrees to grant up to \$~~11,563.50~~^{11,563.50} 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.

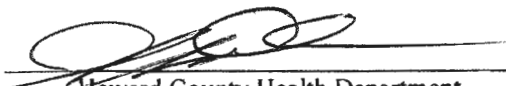
IN WITNESS WHEREOF, the parties have signed this agreement on the date indicated above.

DATE: 3/23/23



Owner

DATE: 3/23/23



Howard County Health Department

deonnev@comcast.net

301-655-8647



CANAAN VALLEY INSTITUTE

3/10/23

Deonne Wollman
2600 Woodbine Road, LLC
16491 Ed Warfield Road
Woodbine, MD 21797

RE: FY 2023 Howard County Bay Restoration Fund OSDS Upgrade Program

Dear Deonne:

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 existing septic system **at 2600 Woodbine Road, Woodbine**, is failing and in need of repair. Based on 2600 Woodbine Road, LLC's status as an LLC, you are eligible to receive funding to cover **50%** of the cost to upgrade your system to one of the MDE approved best available technology units listed below. The approved price of up to \$11,563.50 *only* includes the cost of the unit, installation of the unit, and 2 years of operation and maintenance. The price does not include the cost of permits, 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 Precast	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. File a septic repair permit application with the Howard County Health Department **within 2 weeks of the date of this letter**. The permit application fee is \$396.00 (\$165 for tank approval only).
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 304-

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

The system vendor may provide a contractor to install your BAT unit. CVI will provide payment directly to the vendor. The vendor may also require proof of insurance from your contractor.

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 cannot complete installation in within this timeframe, please contact me to request an extension. Please note that failure to request an extension may result in termination of your grant and your system must be installed no later than June 27, 2023 in order to retain your funding.

For more information on septic repair permitting, contact:

Jeff Williams
Program Supervisor, Well and Septic
410-313-1771

Please sign and return this original letter and keep a copy for your records. If you have any questions, please contact me at 304-704-3340 or by email 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: Deonne Wollman, Owner – 2600 Woodbine Road, LLC



Signature

3-13-2023

Date