



HOWARD COUNTY HEALTH DEPARTMENT

63952

DATE
7/10/15

Received From

H/Holds Equipment

PHONE #

301 810 4289

For

Part Septic - 12142 Fulton Ridge Drive

- CASH
- CHECK

NO.

308

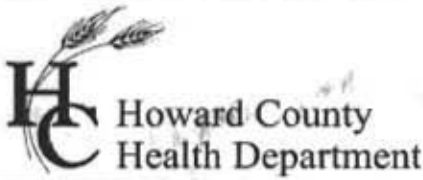
Three hundred ninety five = Dollars

\$

395 | 00

Received By

J. L. P. [Signature]



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: 7/10/18 **ONSITE SEWAGE DISPOSAL SYSTEM** P 563952

APPROVAL DATE: 8/1/18 **PERMIT: BRF Repair** A _____

PROPERTY ADDRESS: 12114 Fulton Ridge Drive

SUBDIVISION: Fulton Ridge LOT: 13 TAX ID: _____

CONTRACTOR: Hatfield's Equipment EMAIL: ken@hatfieldsequipment.com

CONTRACTOR ADDRESS: P.O. Box 519 Annapolis Junction, MD 20701 PHONE: 301-490-4289

CONTRACTOR CERTIFIED FOR BAT INSTALLATION: MDE MANUFACTURER: Norweco

PROPERTY OWNER: Kimberly and Jeff Lehrfeld EMAIL: _____

OWNER ADDRESS: 12114 Fulton Ridge Drive, Fulton, MD 20759 PHONE: _____

BAT UNIT MODEL: Norweco TNT LP 500/600 PUMP SIZE: _____ PUMP TANK CAPACITY: _____

OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: 6/25/18 DATE RECORDED: 6/25/18

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

TRENCHES:	LINEAR FEET REQUIRED: <u>NA</u>	INLET DEPTH: <u>NA</u>
	TRENCH WIDTH: <u>NA</u>	MAXIMUM BOTTOM DEPTH: <u>NA</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>NA</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>NA</u>
LOCATION:	PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.	
NOTES:	Install new Norweco BAT unit in line with existing plumbing. Call for inspections.	

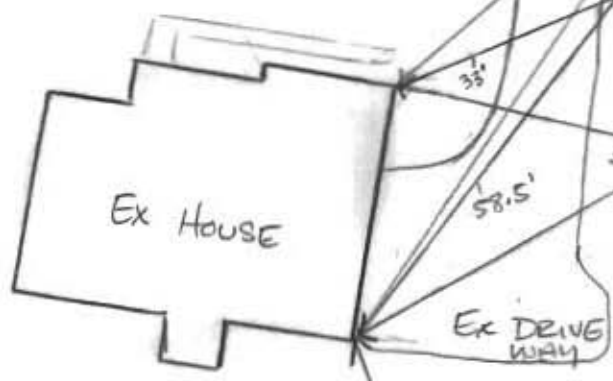
ISSUED BY: K. Wolf ISSUE DATE: 7/10/18 EXPIRATION DATE: 7/10/19

- 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 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 E11001092
- 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.**

Fulton Ridge Drive.

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
MANUFACTURER	BACK RIVER
CAPACITY	500 GAL
SEAM LOC	TOP
TANK LID DEPTH	4' → 3'
BAFFLES	INLET + WALL
BAFFLE FILTER	OUTLET
MANHOLE LOC	FRONT/MID/BACK
6" PORT LOC	INLET
WATERTIGHT TEST	N/A
SLOTTED	NORWECO SLOT
DATE ON LID	BACK RIVER CERT.

PUMP/SEPTIC TANK 1 LEVEL	
MANUFACTURER	_____
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____
SLOTTED	_____
DATE ON LID	_____

ROAD NAME

PRE-CONSTRUCTION:

PIPE SPEC: SOLVENT WELDED
SCH 40 PVC

Ex Well

INSTALLATION: 7/27/2018 MOVED TANK CLOSER TO EX DRIVE WAY TO MOVE TANK OUT OF SWALE. CONTRACTOR CORRECTED EX. OUTLET FALL ISSUE. TANK BEDDED W/ #57 STONE AND EXCAVATED FILL. OK TO BACKFILL. AWAITING START UP LETTER @ EX TANK WAS REMOVED FROM SITE. @ 8/1/18 start-up certification rec'd. (KMD)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 8/1/18



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

NORWECO CERTIFICATION

PROPERTY OWNER: JEFFERY & KIMBERLY LEHRFIELD	INSTALLATION COMPANY: HATFIELDS EQUIPMENT
ADDRESS: 12114 FULTON RIDGE DR.	CERTIFIED INSTALLER: TODD TRACEY
CITY, ZIPCODE & COUNTY: FULTON RIDGE, 20759, HOWARD	PERMIT#
SIZE OF SYSTEM INSTALLED:	DATE INSTALLED: 7-27-18
600 CONCRETE	START-UP DATE: 7-30-18
NUMBER OF BEDROOMS:	DATE OF FINAL INSPECTION:
TYPE OF INSTALLATION: REPAIR	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: 36"
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): 32"	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	
IS THE 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

July 30, 2018

Signature of BRP Representative

Vice-President

Date

Clerk of the Circuit Court for
Howard County
Land Records/Licensing

The Thomas Dorsey Building
9250 Bendix Road
Columbia, MO 21045
410-313-5850

LR - Agreement Recording Fee
1x 20.00 20.00

ehrfeld
not: 42

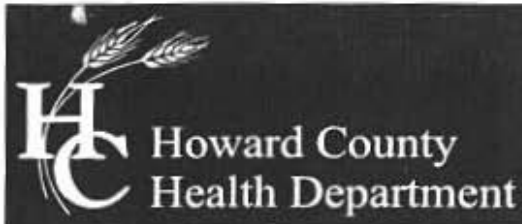
LR - Agreement Surcharge
1x 10.00 10.00

SubTotal: 60.00
Total: 60.00

CRD-Credit 60.00
Credit Card Confirmation : 06097c

06/25/2018 13:03 CC13-MM
#10571595/497/109

Thank you for visiting us today



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

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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 14 day of JUNE, among Kimberly + JEFF LEHRFELP 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 12114 FULTON RIDGE DR, FULTON, MD 20759, 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 Folio .

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 5 years as a condition of sale of the BAT. After the initial 5 year period an Operation and Maintenance contract with a certified service provider must be maintained in perpetuity by the property owner.
- 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

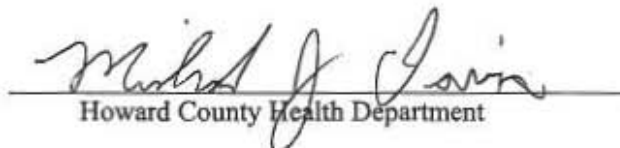
- agents or employees, either officially or individually, underwrites the operation of any system approved by them.
- G. The Owner will devote such care and effort to the maintenance of the BAT system so that any malfunction is not the result of poor maintenance, faulty operation, or neglect.
 - H. The Canaan Valley Institute agrees to grant up to \$_____ 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 and sealed this agreement on the date indicated above.

DATE: 6/14/2018


Owner

DATE: 6/28/18


Howard County Health Department

Wolf, Kevin

From: MATT GECKLE <124hratm@comcast.net>
Sent: Tuesday, July 31, 2018 7:43 PM
To: Martin, Sharhonda; Williams, Jeffrey; Wolf, Kevin; Collins, Sarah; Cabahug, Joseph; Steven Krieg; Ken Hatfield
Subject: 12114 FULTON RIDGE DR NORWECO CERT
Attachments: 20180731184500_001.pdf

Attached is the Norweco certification for 12114 Fulton ridge Dr.

MATT GECKLE
BACK RIVER PRE-CAST,LLC

COURAGE IS BEING SCARED TO DEATH-
BUT SADDLING UP ANYWAY

-----Original Message-----

From: Ken Hatfield <khatfield@hatfieldsequipment.com>

To: 'klehrfeld@verizon.net' <klehrfeld@verizon.net>

Sent: Wed, Jun 6, 2018 10:49 am

Subject: FW: Norweco agreement Lehrfeld

Kim,

Here is the Norweco Proposal in the attached above . Sign it and forward it to the Health Department . Thanks

Ken Hatfield

Hatfield's Equipment Inc.

PO Box 519

Annapolis Junction, MD 20701

301 490 4289 x 101 Office

301 490 5794 Fax



CANAAN VALLEY INSTITUTE

July 10, 2018

Jeffrey & Kimberly Lehrfeld
12114 Fulton Ridge Drive
Fulton, MD 20759

RE: FY 2019 Howard County Bay Restoration Fund OSDS Upgrade Program

Dear Mr. and Mrs. Lehrfeld:

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 is failing and in need of repair. Based on your 2017 income tax return form, you are eligible to receive funding to cover **50%** of the cost to upgrade your system to one of the MDE approved BAT units listed below. The approved price includes the cost of the unit, installation of the unit, and 5 years of operation and maintenance. The price does not include the cost of permits.

<u>System</u>	<u>Vendor</u>	<u>Contact</u>	<u>Phone</u>
Norweco Singulair TNT	Back River Precast	Matt Geckle	410-833-3394
Biomicrobics	Dwayne C. Jones	Dwayne C. Jones	410-692-6900
HOOT	Mayer Bros, Inc.	Nancy Mayer	410-796-1434
Hydroaction	Sample Excavating	Mike Sample	443-807-8639
Orenco	Atlantic Solutions	Bob Johnson	877-814-8426
Septitech	Dwayne C. Jones	Dwayne C. Jones	410-692-6900
Aquaklear	BayStar Precast	Dave Care	410-977-3453

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** in the envelope provided 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 304-940-3443 or kristin.mielcarek@canaanvi.org.

10624 Appalachian Highway | Davis, WV 26260
Phone: (304) 259.4739
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, 2019 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 304-940-3443 or by email at kristin.mielcarek@canaanvi.org.

Sincerely,

Kristin Mielcarek, Executive Director

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

Accepted by: Jeffrey Lehrfeld, Property Owner

Signature

Date

Accepted by: Kimberly Lehrfeld, Property Owner

Signature

Date

10624 Appalachian Highway | Davis, WV 26260
Phone: (304) 259.4739
www.canaanvi.org

Ken Hatfield

From: Kim <klehrfeld@verizon.net>
Sent: Monday, July 09, 2018 9:26 AM
To: Ken Hatfield
Subject: Re: Norweco agreement Lehrfeld

Hello Ken,

Per our conversation today, we are willing to pay you the full amount for installation of the Norweco system (\$11,654) upon completion of the work if Canaan Valley/Bay Restoration Fund (BRF) has not reimbursed you by the time the work is complete. Then, when Canaan Valley does pay you (potentially 3 months after the work is complete), we would like you to refund us the amount you receive from Canaan Valley/BRF. If Canaan Valley pays us directly from the BRF, we will have to pay a large amount of taxes on that money which is not acceptable to us. I also understand we will have to pay the full amount for the permit (approximately \$350), which is not covered by the Bay Restoration Fund.

Please let me know if you are agreeable to this payment plan.

Thanks,

Kim and Jeff Lehrfeld

-----Original Message-----

From: Ken Hatfield <khatfield@hatfieldsequipment.com>
To: 'Kim' <klehrfeld@verizon.net>; jefflehrfeld <jefflehrfeld@verizon.net>
Sent: Fri, Jun 8, 2018 7:11 am
Subject: RE: Norweco agreement Lehrfeld

Kim,

I have no problem completing the work. I don't want to be stuck in the middle of the Bay funding agreement. I want to be paid and they refund you. They say you are funded and it takes me 3 months for me to get paid. There might also be a permit that will have to be purchased. Please let me know we are getting very busy.

Ken Hatfield
Hatfield's Equipment Inc.
PO Box 519
Annapolis Junction, MD 20701
301 490 4289 x 101 Office
301 490 5794 Fax

From: Kim [mailto:klehrfeld@verizon.net]
Sent: Thursday, June 07, 2018 9:35 PM
To: Ken Hatfield; jefflehrfeld@verizon.net
Subject: Re: Norweco agreement Lehrfeld

Hello Ken,

I will forward this to the Health Department tomorrow morning with our signature. I will cc you on that email. Thanks for doing this so quickly. I am also attaching an email from Kristen Mielcarek from Caanan Valley. She is processing our application for the Bay Restoration Fund grant. Her email says that we have been approved, but she cannot issue the official award letter until after July 1 and the money will not be available until after July 1. However, Jeff and I know we will only qualify for a grant covering 50% of the cost. If we pay you that 50%, could you install the unit prior to July 1st?

What are the next steps?

I'm happy to discuss if a phone call would be easier. I can be reached tomorrow on my cell at 410-707-4238.

Thanks,

Kim and Jeff