



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:

10/23/18

ONSITE SEWAGE DISPOSAL SYSTEM

P

564043

APPROVAL DATE:

5/21/18

PERMIT:

CONSTRUCTION

A

PROPERTY ADDRESS: 14176 TRIADLPHIA MILL ROAD, DAYTON, MD 21036

SUBDIVISION: VAWTER PROPERTY

LOT: 3

TAX ID: 05-600630

CONTRACTOR:

EMAIL:

CONTRACTOR ADDRESS:

PHONE:

CONTRACTOR CERTIFIED FOR BAT INSTALLATION:

☐

MDE

☐

MANUFACTURER:

PROPERTY OWNER: MICHAEL AND NANCY VAWTER

EMAIL: wildcatsoccer@hotmail.com

OWNER ADDRESS: 14170 TRIADELPHIA MILL ROAD, DAYTON, MD 21036

PHONE: (301)706-6044

BAT UNIT MODEL: NORWECO TNT 960LP

PUMP SIZE: 0.5

PUMP TANK CAPACITY: 2000

OPERATION & MAINTENANCE AGREEMENT

DATE SIGNED:

8/24/19

DATE RECORDED:

8/24/19

DISTRIBUTION SYSTEM:

☐

GRAVITY

☒

PRESSURE DOSED

BEDROOMS:

6

APPLICATION RATE:

1.2

TRENCHES:

LINEAR FEET REQUIRED: 104

INLET DEPTH: 2

TRENCH WIDTH: 3

MAXIMUM BOTTOM DEPTH: 6

MINIMUM SPACE

BETWEEN TRENCHES: 10

EFFECTIVE AREA BEGINNING DEPTH: 2

LOCATION:

PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.

NOTES:

Design pump for LPD system is 'Zoeller' model BN161.

ISSUED BY: R BRICKER

ISSUE DATE:

10/23/18

EXPIRATION DATE:

10/23/18

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 180065243

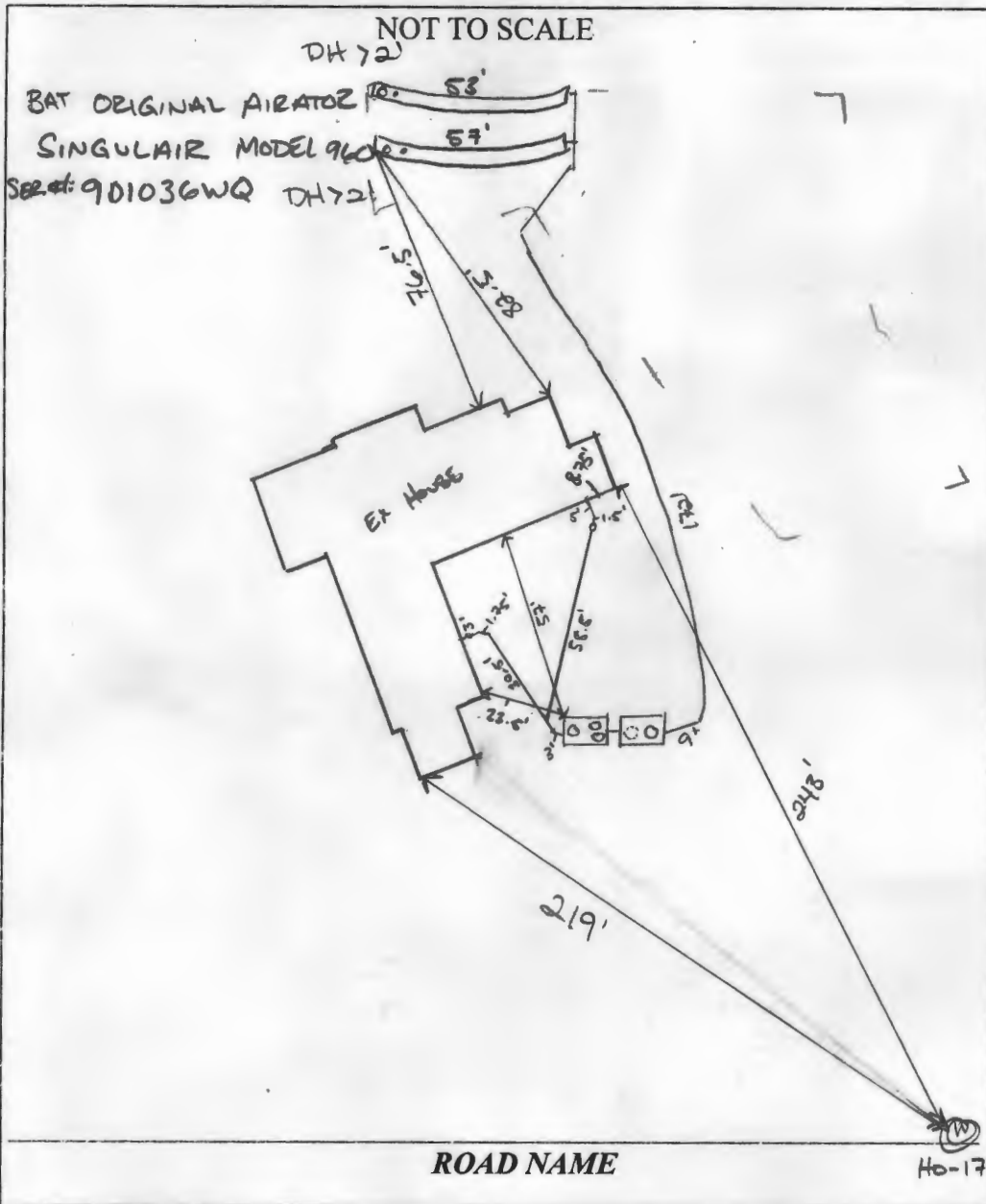
NOTE: AN INDIVIDUAL CERTIFIED BY MDE AND THE MANUFACTURER FOR BAT INSTALLATION MUST BE PRESENT AT ALL TIMES DURING BAT INSTALLATION.

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.



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	2'	6'
NUMBER OF TRENCHES	2	
TOTAL LENGTH	110'	
ABSORPTION AREA	330' + SIDE WALL	
DISTRIBUTION BOX LEVEL	N/A	
DISTRIBUTION BOX BAFFLE	N/A	
DISTRIBUTION BOX PORT	N/A	

LPO

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL

MANUFACTURER	BACK RIVER
CAPACITY	960 LP GAL
SEAM LOC	TOP
TANK LID DEPTH	3' - 2.5'
BAFFLES	N/A
BAFFLE FILTER	OUTLET
MANHOLE LOC	
6" PORT LOC	N/A
WATERTIGHT TEST	-
SLOTTED	-
DATE ON LID	08/17/2018

PUMP/SEPTIC TANK LEVEL

MANUFACTURER	BABYLON
CAPACITY	2000 GAL
SEAM LOC	TOP
TANK LID DEPTH	~2'
BAFFLES	NO
BAFFLE FILTER	-
MANHOLE LOC	BACK
6" PORT LOC	N/A
WATERTIGHT TEST	N/A
SLOTTED	N/A
DATE ON LID	10/15/2018

PRE-CONSTRUCTION:

11/20/2018 TANK AND SDA STAKED. REINSPECT TRENCH STAKE (11/29/2018 TRENCH STAKED. CONTOUR CHECKED). DIG FROM MANIFOLD TO DISTAL ENDS TO KEEP TRENCHES LEVEL THROUGH SMALL DIRT PILE.

INSTALLATION:

11/21/2018 TANK AND PUMP TANK SET. SHC INSTALLED. (11/21/2018 FORCE MAIN INSTALLED). (11/27/2018 SECOND SHC + SL INSTALLED (CO.))
 BUILDER MUST HAVE PLAN REDLINED. (11/29/2018 TRENCHES INSTALLED. BORE HOLES (5/16") CHECKED. DIFFUSERS INSTALLED OK TO BACKFILL. REINSPECTION. (11/29/2018 SEPTIC ALARM ON BREAKER 9. DISTAL HEAD ON BOTH LATERAL OVERFLOW 3' TURN UPS. AWAITING BAT START UP. (11/29/2018) BAT start-up rec'd from manufacturer. (KMD)

FINAL INSPECTOR

DATE OF APPROVAL

5/21/18

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

The Thomas Dorsey Building
250 Bendix Road
Columbia, MD 21045
410-313-5850

LR - Agreement Recording Fee
1x 20.00 20.00

Name: Michael Vawter

Ref: 26 14176

LR - Agreement Surcharge
1x 40.00 40.00

LR - Agreement Recording Fee
1x 20.00 20.00

Name: Ellen Vawter

Ref: 27 14174 Tridelphia Mill Rd

LR - Agreement Surcharge
1x 40.00 40.00

SubTotal: 120.00

Total: 120.00

CRD-Credit 120.00

Credit Card Confirmation : 001989

08/24/2018 14:02

CC13-SB

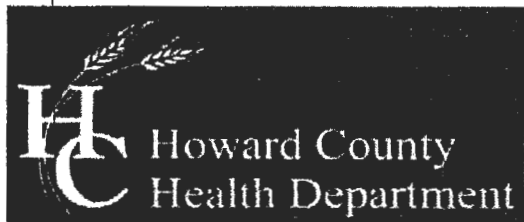
#10881212/496/109

***** DUPLICATE #001 *****

08/24/2018 14:04

CC13-SB

Thank you for visiting us today



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

OPERATION AND MAINTENANCE AGREEMENT FOR AN ON-SITE SEWAGE DISPOSAL SYSTEM HAVING AN ADVANCED PRE-TREATMENT SYSTEM

THIS AGREEMENT is made this 24TH day of August, ²⁰¹⁸ among Michael Vawter, hereinafter collectively referred to as "Owner", and the Howard County Health Department hereinafter referred to as the "County".

WHEREAS, Owner is the owner or contract owner of a parcel of land located at 14176 TRIDELPHIA Mill Rd., in the Election District of Howard County, Maryland, and the deed and subdivision plat of the property is recorded among the Land Records of Howard County, Maryland, Tax Map # 27, Block # 24, Parcel # 68, Deed Reference # and Tax Account # 05-666630 ("the Property").

WHEREAS, The Property is suitable for the installation of a conventional on-site sewage disposal system with an advanced pre-treatment system, utilizing best available technology to perform nitrogen reduction, in accordance with the Code of Maryland Regulations 26.04.02.07, effective January 1, 2013. The pre-treatment device being installed is

October 1, 2018 MR
NORWECO INT 960LP
NOW, THEREFORE, the parties hereto agree as follows:

- A. Owner hereby grants to the County the right to enter upon the Property at any reasonable time with prior notice for access to the system to make periodic inspections and the Owner agrees to provide any information and data in Owner's possession reasonably requested and needed by the County.
- B. Owner acknowledges and agrees that neither the County nor any of its agents or employees, either officially or individually, underwrites the operation of any system approved by them.
- C. The Owner will devote reasonable care and effort to the operation and maintenance of the system in perpetuity or until a public sewer connection is made so that a system malfunction is not the result of poor maintenance, faulty operation, or neglect.
- D. The Owner agrees to enter into a contract reasonably acceptable to the Owner and the County with a private entity to operate and maintain on a regularly scheduled basis an approved advanced pre-treatment system. The owner shall supply a copy of the contract to the County when it is renewed or altered.

E. This agreement shall run with the land and upon Owner's taking title to the Property shall bind the Owner, their heirs, successors, and assigns to the provisions of the agreement as long as the property is in existence and after installation of the system. Owner further agrees that they shall inform in writing any subsequent purchaser or lessee of the Property that the system shall require maintenance or other attention. Upon taking title to the Property, the Owner agrees to cause this agreement to be recorded in the Land Records of Howard County and assure that it becomes part of the Deed for the subject property in order that prospective buyers may be aware of the special conditions affecting this property.

F. This agreement shall not be construed to limit any authority of the County to protect the public health, safety or comfort or to issue any other orders to take any other action which is now or may hereafter be within its authority.

G. This agreement may be voided at any time at the discretion of the County.

H. This agreement contains the entire agreement and understanding between the County and the Owner. 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.

I. The laws of the State of Maryland govern the provisions of all transactions pursuant to this agreement.

J. Owner acknowledges and agrees that interior renovations to increase the number of bedrooms or an increase in living space shall not be permitted without approval from the County.

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

Bert Nylan 8/24/2018
Howard County Health Department

Michael Vawter 8/13/15
Owner #1 Signature Date

Michael Vawter
Owner #1 Print Name

Owner#2 Signature Date

Owner #2 Print Name

Buyer #1 Signature Date

Buyer #2 Signature Date

Buyer #1 Print Name

Buyer #2 Print Name



BACK RIVER PRE-CAST, LLC

PO BOX 329

GLYNDON, MD 21071

PH# 410-833-3394

NORWECO CERTIFICATION

PROPERTY OWNER: ELLEN VAWTER	INSTALLATION COMPANY: HATFIELD
ADDRESS: 14176 TRIADDELPHIA MILL RD.	CERTIFIED INSTALLER: TODD TRACEY
CITY, ZIPCODE & COUNTY: DAYTON, 21136, HOWARD	PERMIT#
SIZE OF SYSTEM INSTALLED:	DATE INSTALLED: 11-21-18
600 GPD CONCRETE	START-UP DATE: 04-29-19
NUMBER OF BEDROOMS:	DATE OF FINAL INSPECTION:
TYPE OF INSTALLATION: NEW CONSTRUCTION	DATE OF ELECTRICAL INSPECTION:
ELECTRICAL WIRING PER ELECTRICAL INSTRUCTIONS: YES	TANK LEVEL: YES
HT. OF CONTROL PANEL ABOVE FINAL GRADE: 37"	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): 20"	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 Singulair TNT Wastewater Treatment System was installed according to the manufacture's specifications.

Matthew Geckle

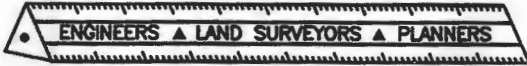
April 29, 2019

Signature of BRP Representative

Vice-President

Date

BENCHMARK



ENGINEERING, INC.

8480 Baltimore National Pike • Suite 315 • Ellicott City, Maryland 21043
410-465-6105 410-465-6644 (Fax)

LETTER OF TRANSMITTAL

TO: Howard County Health Dept

DATE	11 / 29 / 18	PROJECT No.	2766
ATTENTION	Joseph C. Cabahug		
RE:	Vawter Lot 3		
	Redline to As-Built Condition		

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____ the following items

- | | | | |
|---|-----------------------------------|---------------------------------------|--------------------------------------|
| <input type="checkbox"/> Photocopies | <input type="checkbox"/> Prints | <input type="checkbox"/> Originals | <input type="checkbox"/> Samples |
| <input type="checkbox"/> Specifications | <input type="checkbox"/> Invoices | <input type="checkbox"/> Change Order | <input type="checkbox"/> Other _____ |

COPIES of	No. of SHEETS	DESCRIPTION
3	3	Vawter Lot 3 Septic Design Plan

THESE ARE TRANSMITTED as checked below

- | | | |
|--|---------------------------------------|--|
| <input type="checkbox"/> For Comment | <input type="checkbox"/> For your use | <input checked="" type="checkbox"/> For Approval |
| <input checked="" type="checkbox"/> For Review | <input type="checkbox"/> As requested | <input type="checkbox"/> Other _____ |

REMARKS:

REDLINE OK
12/17/2018 JP

COPY TO: _____

RECEIVED BY: _____

SIGNED: Heinrich

If enclosures are not as noted, kindly notify us at once.

N/F
EDWARD C. GRIGSBY AND DANAE
GRIGSBY
TAX MAP 27 PARCEL 113 LIBER
13004 FOLIO 22 ZONED: RR-DEO

N/F
THOMAS H. SIMPSON
TAX MAP 27 PARCEL 34 LIBER 183
FOLIO 554 ZONED: RR-DEO

SURVEYOR'S CERTIFICATE
I HEREBY CERTIFY THAT THESE DOCUMENTS, WERE
PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE,
AND THAT I AM A DULY LICENSED PROFESSIONAL LAND
SURVEYOR UNDER THE LAWS OF THE STATE OF
MARYLAND, LICENSE NO. 21320, EXPIRATION DATE
1-7-2019 AND TO THE BEST OF MY PROFESSIONAL
KNOWLEDGE, INFORMATION AND BELIEF, THAT THE
DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON
ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN
SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC.
ON 08/10/2018.

Donald A. Mason
DONALD A. MASON
PROFESSIONAL LAND SURVEYOR
MARYLAND REG. NO. 21320

N/F
JOHN A. BAUR AND WENDY S. BAUR
TAX MAP 27 PARCEL 42
LIBER 10663 FOLIO 655 ZONED:
RR-DEO

FOUNDATION DETAIL
SCALE: 1" = 30'

N/F
JOHN TUCKER
TAX MAP 27 PARCEL 53 LIBER 320
FOLIO 412 ZONED: RR-DEO

N/F
CHRISTOPHER E. BEISEL AND
DOLORES P. LANA
TAX MAP 27 PARCEL 61 LIBER 3959
FOLIO 650 ZONED: RR-DEO

N/F
LLOYD CL. LUDY
TAX MAP 27 PARCEL 44 LIBER 408
FOLIO 733 ZONED: RR-DEO

FEMA FIRM No. 24027C0110D
ZONE: X
DATED: 11/6/2013

BENCHMARK

ENGINEERS AND SURVEYORS PLANNERS
ENGINEERING, INC.
8480 BALTIMORE NATIONAL PIKE SUITE 315
ELLCOTT CITY, MARYLAND 21043
(P) 410-465-6105 (F) 410-465-6644
WWW.BEI-CIVILENGINEERING.COM

TOP OF FOUNDATION WALL = 443.5' and 445.5'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 0.1'

FIELD OBS. BY AS
COMP. BY EWF
DRAWN BY DAM

WALL CHECK
VAWTER PROPERTY
LOTS 1-3
PLAT No. 24567
LOT No. 3
14176 TRIADELPHIA MILL ROAD
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: 08/10/2018