



**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: 7-13-21 **ONSITE SEWAGE DISPOSAL SYSTEM** P 529604
APPROVAL DATE: 11/30/21 **PERMIT: CONSTRUCTION** A _____
PROPERTY ADDRESS: 6516 MARE COURT, CLARKSVILLE, MD 21029
SUBDIVISION: WILLOWSHIRE LOT: 7 TAX ID: 05-602995
CONTRACTOR: CHAVIS ENTERPRISES & SEPTIC SERVICES EMAIL: sedrick@chavisenterprisesllc.com
CONTRACTOR ADDRESS: 23 EAST ELLENDALE, BEL AIR, MD 21014 PHONE: (410)872-9165

CONTRACTOR CERTIFIED FOR BAT INSTALLATION: MDE MANUFACTURER: NORWECO
PROPERTY OWNER: TOLL MID-ATLANTIC LP COMPANY, INC EMAIL: nbrandenburg@tollbrothers.com
OWNER ADDRESS: 250 GIBRALTER ROAD, HORSHAM, PA 19044 PHONE: (410)872-9165

BAT UNIT MODEL: NORWECO TNTLP 750 PUMP SIZE: 0.5 PUMP TANK CAPACITY: 2000

OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: 9/8/21 DATE RECORDED: 9/8/21

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 6 APPLICATION RATE: 1.2

TRENCHES:	LINEAR FEET REQUIRED: <u>104.5</u>	INLET DEPTH: <u>2.5</u>
	TRENCH WIDTH: <u>3</u>	MAXIMUM BOTTOM DEPTH: <u>6.0</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>3.0</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 at least two cleanouts on SHC.
BAT unit installation must be certified by manufacturer prior to Final Approval of this permit.
The installed septic system must pass a Pump & Alarm test prior to Health Department release of Use and Occupancy.

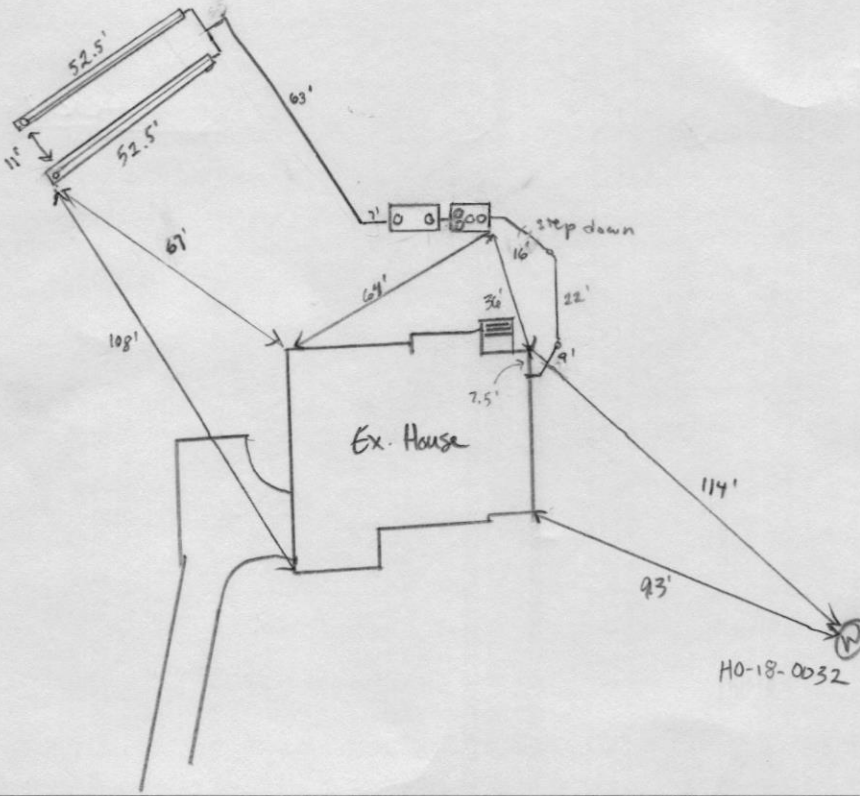
ISSUED BY: R BRICKER ISSUE DATE: 7/13/21 EXPIRATION DATE: 7-13-22

- 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 DOWNGRADE 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 21004366
- 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

1:50'



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	2.5'	6'
NUMBER OF TRENCHES		2
TOTAL LENGTH		105'
ABSORPTION AREA		315 sq ft + sidewalk
DISTRIBUTION BOX LEVEL		N/A
DISTRIBUTION BOX BAFFLE		N/A
DISTRIBUTION BOX PORT		N/A

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	
MANUFACTURER	Backriver (Norweco)
CAPACITY	750 GAL
SEAM LOC	top
TANK LID DEPTH	2.5'
BAFFLES	inlet
BAFFLE FILTER	-
MANHOLE LOC	inlet, middle, outlet
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	-
DATE ON LID	8-20-21

PUMP/SEPTIC TANK LEVEL	
MANUFACTURER	Backriver
CAPACITY	2000 GAL
SEAM LOC	top
TANK LID DEPTH	4.5'
BAFFLES	-
BAFFLE FILTER	-
MANHOLE LOC	inlet + outlet
6" PORT LOC	-
WATERTIGHT TEST	-
SLOTTED	-
DATE ON LID	7-17-21

PRE-CONSTRUCTION:

09/21/2021 CONFIRMED CONTOUR. LOWER TR WAS ~9" OFF. SPLIT DIFFERENCE. SDA WAS CUT AND CLEARED. P

INSTALLATION:

10/5/21 Tanks set. Pump tank is 4.5' deep - needs letter from Backriver or manufacturer to confirm it is traffic bearing (lid is 4"). SHC, force main and manifold installed. 2x 52.5' trenches installed. Both laterals had one extra hole and were too long - contractor instructed to cut off extra hole to correct length. Refuse for P+A and Norweco start up. (SF) 10/5/21 Received letter from Matt Geckle of Backriver that tanks are traffic bearing (SF) 11/30/21 Pump observed to work with correct head pressure in both laterals. Alarm obs. to work. Alarm located on Norweco circuit breaker outside house - separate circuits for control panel, aerator and pump. (SF)

FINAL INSPECTOR

Austin Thomas

DATE OF APPROVAL

11/30/21



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

NORWECO CERTIFICATION

PROPERTY OWNER: TOLL MID-ATLANTIC	INSTALLATION COMPANY: CHAVIS SEPTIC
ADDRESS: 6516 MARE CT	CERTIFIED INSTALLER: JOSH CHAVIS
CITY, ZIPCODE & COUNTY: DAYTON, 21036, HOWARD	PERMIT#
SIZE OF SYSTEM INSTALLED:	DATE INSTALLED: 09-14-21
750 GPD CONCRETE	START-UP DATE: 11-30-21
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: 34"	BURIAL DEPTH OF TANK: 18"
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: 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

Nov 30, 2021

Signature of BRP Representative

Vice-President

Date

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 13th day of Sept., among Gitaben
and Mahesh Kumar Patel, 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
Lot 7, 6516 Marc Ct. Dayton, MD 21036, in the 5th 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 # 18, Parcel # 36, Deed
Reference # 25500-09 and Tax Account # 602995 ("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 November 24, 2016. The pre-treatment device being installed is
Norweco Model TNTLP-750 GPD

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 this agreement on the date indicated above.

Michael J. Owen 10/27/21
Howard County Health Department

X [Signature]
Owner #1 Signature Date

X Madhesh Patel
Owner #1 Print Name

Buyer #1 Signature Date

Buyer #1 Print Name

X [Signature]
Owner #2 Signature Date

X Gita Patel
Owner #2 Print Name

Buyer #2 Signature Date

Buyer #2 Print Name

Lot 7

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Michael J. Lewis 9/8/21
Howard County Health Department

[Signature] 8/19/21
Owner #1 Signature Date

Steven Hunt
Owner #1 Print Name

Shameeka Hunt 8-19-2021
Owner #2 Signature Date

Shameeka Hunt
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

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Matthew Geckle

Nov 30, 2021

Signature of BRP Representative

Vice-President

Date

Thomas, Susan

From: Matthew Geckle <mattbackriver@gmail.com>
Sent: Thursday, September 30, 2021 9:09 AM
To: Thomas, Susan
Cc: Wolf, Kevin; Ryan Frick
Subject: Re: DEEP NORWECO 750's

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

Susan,
This also applies to the 2000 gal. pump chambers.
They also have an interior support wall.

Thanks,

Matt Geckle
Back River Pre-Cast, LLC
410-833-3394

On Thu, Sep 30, 2021 at 8:54 AM Thomas, Susan <sathomas@howardcountymd.gov> wrote:

Dear Matt,

Thank you. Does this apply to the pump tank as well?

Thanks,

Susan

Susan M. Thomas

Environmental Health Specialist

Well & Septic Program

Bureau of Environmental Health

8930 Stanford Blvd.

Columbia, MD 21045

410-313-6287

sathomas@howardcountymd.gov

www.hchealth.org



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From: Matthew Geckle <mattbackriver@gmail.com>

Sent: Thursday, September 30, 2021 8:42 AM

To: Thomas, Susan <sathomas@howardcountymd.gov>; Wolf, Kevin <KWolf@howardcountymd.gov>; Ryan Frick <ryan@chavisenterprisesllc.com>

Subject: DEEP NORWECO 750's

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

Susan,

The Norweco 750 GPD's used at 6010 Bricker Rd & 6516 Mare Ct. have extra reinforcement in them to allow them to be buried up to 5 feet.

If you need anything else please let me know.

Thanks,

Matt Geckle

Back River Pre-Cast, LLC

410-833-3394

