

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: 1-5-15 **ONSITE SEWAGE DISPOSAL SYSTEM** P 555383

APPROVAL DATE: 3/28/16 **PERMIT: CONSTRUCTION** A _____

PROPERTY ADDRESS: 2830 Marriottsville Road

SUBDIVISION: Son Property LOT: _____ TAX ID: _____

CONTRACTOR: Fogle's Septic Clean Inc. EMAIL: kevin@foglesinc.com

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

CONTRACTOR CERTIFIED FOR BAT INSTALLATION: MDE MANUFACTURER:

PROPERTY OWNER: Kevin Son EMAIL: _____

OWNER ADDRESS: 2830 Marriottsville Road, Marriottsville, MD 21104 PHONE: 270-731-0792

BAT UNIT MODEL: Norweco TNTLP 500 PUMP SIZE: _____ PUMP TANK CAPACITY: 600GPD

OPERATION & MAINTENANCE AGREEMENT DATE SIGNED: 9/19/13 DATE RECORDED: _____

DISTRIBUTION SYSTEM: GRAVITY PRESSURE DOSED BEDROOMS: 4 APPLICATION RATE: 0.8

TRENCHES:	LINEAR FEET REQUIRED: <u>165</u>	INLET DEPTH: <u>34'</u>
	TRENCH WIDTH: <u>32'</u>	MAXIMUM BOTTOM DEPTH: <u>8</u>
	MINIMUM SPACE BETWEEN TRENCHES: <u>10</u>	EFFECTIVE AREA BEGINNING DEPTH: <u>5</u>

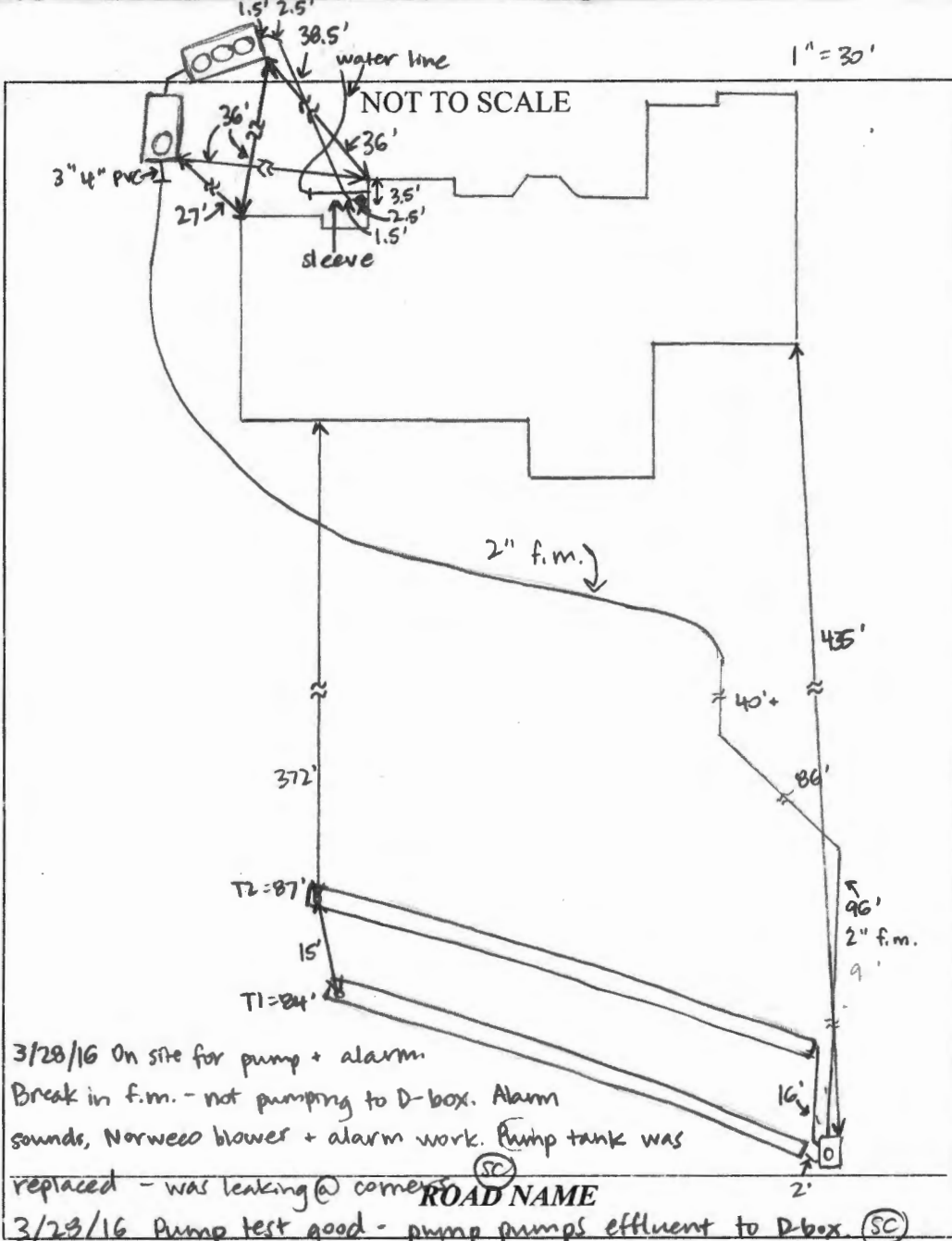
LOCATION: **PER APPROVED SITE PLAN. SEWAGE DISPOSAL AREA AND BAT UNIT LOCATION MUST BE STAKED BY LICENSED SURVEYOR PRIOR TO PRE-CONSTRUCTION INSPECTION.**

NOTES: 2 x 83' trenches

ISSUED BY: Dana Bernard ISSUE DATE: 1/5/15 EXPIRATION DATE: 1-5-16

- 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 1500232
- 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.



1" = 30'

NOT TO SCALE

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	4'	8'
NUMBER OF TRENCHES	2	
TOTAL LENGTH	171'	
ABSORPTION AREA	352' + SIDEWALL	
DISTRIBUTION BOX LEVEL	YES	
DISTRIBUTION BOX BAFFLE	(ELBOW)	
DISTRIBUTION BOX PORT	YES	

SEPTIC TANK DATA	
SEPTIC TANK I LEVEL	YES
MANUFACTURER	BACKRIVER/NORWECO
CAPACITY	1300 GAL
SEAM LOC	TOP
TANK LID DEPTH	1.5'
BAFFLES	NO
BAFFLE FILTER	NONE
MANHOLE LOC	FRONT, MID, REAR
6" PORT LOC	NONE
WATERTIGHT TEST	NO
SLOTTED	NO
DATE ON LID	10/20/15

PUMP/SEPTIC TANK LEVEL	
SEPTIC TANK LEVEL	YES
MANUFACTURER	BACKRIVER/NORWECO
CAPACITY	1300 GAL
SEAM LOC	TOP
TANK LID DEPTH	2-3'
BAFFLES	YES
BAFFLE FILTER	NONE
MANHOLE LOC	REAR
6" PORT LOC	NONE
WATERTIGHT TEST	NO
SLOTTED	NO
DATE ON LID	10/21/15
PUMP	3/4 hp

3/28/16 On site for pump + alarm
 Break in f.m. - not pumping to D-box. Alarm sounds, Norweco blower + alarm work. Pump tank was replaced - was leaking @ corner (SC)

3/23/16 Pump test good - pump pumps effluent to D-box. (SC)

PRE-CONSTRUCTION:

10/29/15 Met with Fogle's on site, homeowner also present. Tanks are staked but final grading has not been completed and tank would be > 3' (probably close to 6') below grade. Told homeowner that grading must be final before tanks can be installed. Line out of house is in front, won't make fall. Line must come out in back as shown on BAT plan. SDA corners staked - laid out 2 x 83' trenches on contour at upper part of SDA. (SC)

INSTALLATION: 10/30/15 D-box installed. Ed with Fogle's starting to dig T1. (SC) 10/30/15 T1 dug, adding stone to trench. 8' to bottom, 4' inlet. Soil looks good, few rocks. T1 finished white on site. (SC) 11/2/15 Force main installed to area of tanks. T2 dug + partially filled w/ stone + pipe 2" wide, 8' to bottom, 3.5' to stone. (SC) 11/2/15 T2 complete, #57 stone used for last 20'. (SC)

11/30/15 Met Fogle's for layout of tank locations. Not staked - measured off house to determine. Sewer + public water line do not come into house as shown on BAT plan - sewer line will not cross over water line. (SC) 12/3/15 Moved BAT tank location away from house out of future grading; pump tank location turned 45°. (SC) 12/8/15 Tanks set, house connection made, force main installed. Public water line crosses over sewer line. Need BAT startup and

FINAL INSPECTOR Sarah Collins DATE OF APPROVAL 3/28/16
 Pump + alarm test. (SC) Force main is 3'+ deep - line will remain charged after dose certification received. (SC) 3/14/2016 No water in tank. Tank may be cracked. (SC)

Back River Pre-Cast, LLC

PO BOX 329
Glyndon, MD 21071
Phone # 410-833-3394
Fax # 410-833-4116

Letter of Certification

This is to certify that the Norweco Singlair TNT 600 GPD Septic Tank installed at 2830 Marriottsville Rd., Marriottsville, MD 21104 December 07, 2015 was installed according to the manufacture's specifications.

Installer: Ed Klingelhofer

Property Owner: Hyongmo Son

Permit #



MATTHEW GECKLE

Vice-President

2830 Marriottsville Rd
Marriottsville MD 21104
Clerk of the Circuit Court for
Howard County
Land Records/Licensing

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

=====
LR - Agreement Recording Fee
1x 20.00 20.00

Grantor/Grantee Name: son
Reference/Control #: 290

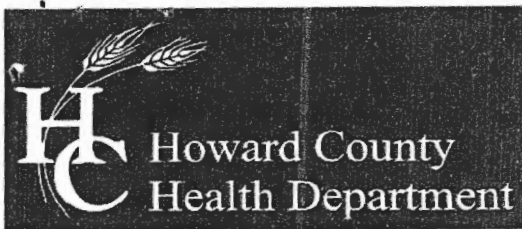
LR - Agreement Surcharge
1x 40.00 40.00

=====
SubTotal: 60.00
Total: 60.00

=====
CRD-Credit 60.00
Credit Card Confirmation : 419055

09/09/2015 15:56 CC13-MH
#4817559 /496/109

~ 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 9 day of Sept/15, among Kevin H. Son, 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 2830 Marriottsville Rd Marriottsville, Election District of Howard County, Maryland, and the deed to same is recorded or shall be recorded among the Land Records of Howard County, Maryland in Liber _____ Folio _____.

WHEREAS, The Lot 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 NORWECO TN 140 500

NOW, THEREFORE, the parties hereto agree as follows:

A. Owner hereby grants to the County the right to enter upon the Lot at any reasonable time 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 to develop accurate and thorough test results.

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 Lot 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 Lot that the system shall require

maintenance or other attention. Upon taking title to the Lot, 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 Nifan 9/9/2015
Howard County Health Department

<u>[Signature]</u>	<u>9/9/15</u>	<u>[Signature]</u>	<u>9/9/15</u>
Owner #1 Signature	Date	Owner#2 Signature	Date
<u>KEVIN H SON.</u>		<u>[Signature]</u>	<u>9/9/15</u>
Owner #1 Print Name		Owner #2 Print Name	

Buyer #1 Signature Date

Buyer #2 Signature Date

Buyer #1 Print Name

Buyer #2 Print Name



HOWARD COUNTY HEALTH DEPARTMENT

55383

DATE
1/15/15

P5

Received From

Fogle's

PHONE #

For

Septic Permits

CASH

CHECK

NO.

48225

14920 Philadelphia Road #394 / 11615 Old Annapol

2830 Norroldsville Road #394 2 # 100

~~11615 Old Annapol~~ Eight hundred fifty eight ⁰⁰/₁₀₀ Dollars

\$

858

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Received By

Marian Curry