

LAYOUT 1/25/2011 INSP 4 _____
INSP 2 2/2/11 INSP 5 _____
INSP 3 2/9/11 INSP 6 _____

ISSUE DATE: _____ **Norweco Singulair SEPTIC SYSTEM** P _____

APPROVAL DATE: 2/14/2011 Tax ID # 03-296741 A _____

**ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH**

IS PERMITTED TO INSTALL ALTER

ADDRESS: _____ PHONE NUMBER: _____

SUBDIVISION: Indian Hill LOT NUMBER: 2

ADDRESS: 12585 Indian Hill ~~Road~~ Drive PROPERTY OWNER: Mark Poole

HOOT SYSTEM BNR H-600 CAPACITY (GALLONS): 500/600gpd **Top Seamed Three Compartment Tank including Pump Chamber**

PUMP CHAMBER CAPACITY (GALLONS): N/A

LOCATION:	Replacement well must be installed at least 100 feet from well and 20 feet from house. Existing tank must be properly abandoned. Tank must be installed per manufacturer's specifications.
NOTES:	Existing dry well and trench must be uncovered at time of tank installation. Perc testing and repair system may be required if existing system is failing.

Note: * Certification start – up letter from manufacturer needs to be sent into Health Depart. Prior to septic system approval. *** NOTE: AN ELECTRICAL PERMIT IS REQUIRED FOR INSTALLATION OF ANY ELECTRICAL COMPONENTS OF THE SYSTEM**

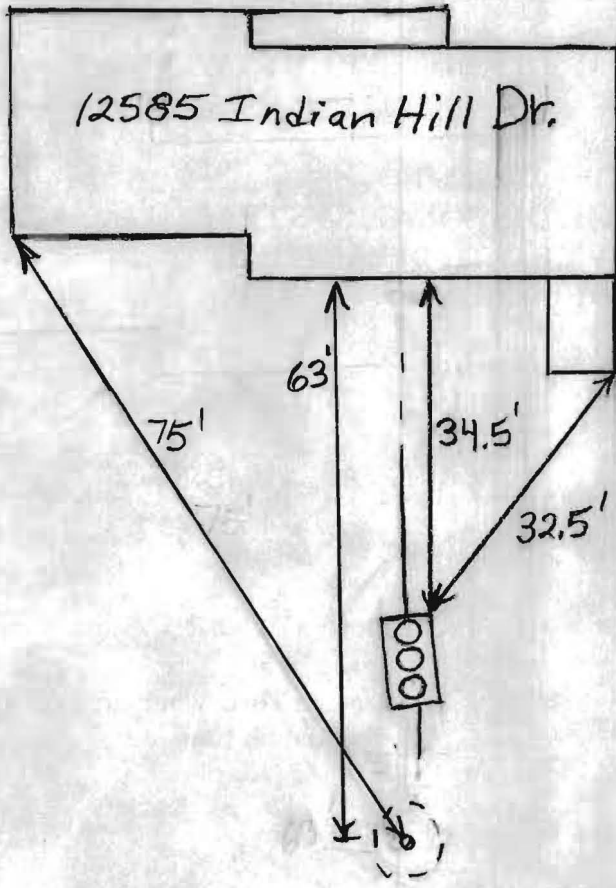
PLANS APPROVED: Jeff Williams DATE: 1/24/11

- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**NEITHER THE HOWARD COUNTY COUNCIL OR 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 FOR INSPECTION OF SEPTIC SYSTEM**

NOT TO SCALE

(20)



SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL Yes

CAPACITY 1500 GAL

SEAM LOC Top

TANK LID DEPTH 2'

BAFFLES Middle

BAFFLE FILTER No

MANHOLE LOC Three

6" PORT LOC None

WATERTIGHT TEST No

~~RUMP TANK LEVEL N/A~~

~~CAPACITY _____ GAL~~

~~SEAM LOC _____~~

~~TANK LID DEPTH _____~~

~~BAFFLES _____~~

~~BAFFLE FILTER _____~~

~~MANHOLE LOC _____~~

~~6" PORT LOC _____~~

~~WATERTIGHT TEST _____~~

SAND MOUND DATA

~~BED LENGTH N/A~~

~~BED WIDTH _____~~

~~BED AREA _____ SQ FT~~

~~MOUND LENGTH _____~~

~~MOUND WIDTH _____~~

~~MOUND AREA _____~~

~~BASAL AREA _____ SQ FT~~

PRE-CONSTRUCTION 1/25/2011 Dug up trench. No signs of failure near top of trench. O.K. to connect Norweco unit to

INSTALLATION drywell. Keep Norweco unit 100' from well in front yard. Pump out and abandon existing tank. (BB)

2/2/2011 Tank set and connected to drywell and house. No electrical connections made. (BB)

2/9/2011 Alarm and aerator unit working. (BB)

2/14/2011 Received fax from tank manufacturer stating that Norweco unit was installed per manufacturer's specifications. (BB)

FINAL INSPECTOR B. Baber DATE OF APPROVAL 2/14/2011

Back River Pre-Cast, LLC

PO BOX 329

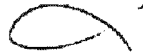
Glyndon, MD 21071

Phone # 410-833-3394

Fax # 410-833-4116

Letter of Certification

This is to certify that the Norweco Singlair TNT 500 / 600 GPD Septic Tank installed at 12585 Indian Hill Drive was installed according to the manufacture's specifications.



MATTHEW GECKLE

Vice-President

**AGREEMENT AND EASEMENT FOR INSTALLATION
OF BEST AVAILABLE TECHNOLOGY SYSTEMS
WITH BAY RESTORATION FUNDS.**

THIS AGREEMENT is made this 13th day of JANUARY, among MARK POOLE, 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 12585 INDIAN HILL DRIVE, in the 3d Election District of Howard County, Maryland, and the deed to same is recorded among the Land Records of Howard County, Maryland, in Ellicott City and in Liber 07214 Folio 0077.

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 manufacturer-approved installer will install the BAT system.
- C. Owner acknowledges and agrees the manufacturer 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 5 year

period the Operation and Maintenance contract can be further extended at the behest of the property owner. The Department and County encourage the property owner to continuously maintain an Operation and Maintenance contract during the lifetime of the system.

- 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 manufacturers designee 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 \$ ^{12,307⁰⁰} ~~2,000~~ 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 except that the provisions of paragraph A, C, D and E shall be binding for a period of 5 years only after installation of the system and occupation of the home. 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.

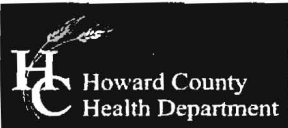
IN WITNESS WHEREOF, the parties have signed and sealed this agreement on the date indicated above.

DATE: 1-14-10

Michael D. Paul Elizabeth A. Poole
Owner

DATE: 1/14/2011

Bert Ripen
Howard County Health Department



**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 JANUARY, among MARK POOLE and ELIZABETH POOLE, hereinafter collectively referred to as "Owner", 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 12585 INDIAN HILL DRIVE, in the 3d 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 07214 Folio 0077.

WHEREAS, The Lot is suitable for the installation of a conventional on-site sewage disposal system, but an advanced pre-treatment system, utilizing best available technology to perform nitrogen reduction, must be installed as part of the sewage disposal system for a 4 bedroom home with 2175 square feet of finished living space and 0 square feet of unfinished living space. Advanced pre-treatment has been required (pick one):

To minimize the potential impact of the on-site sewage disposal system on down grade wells.

For an existing lot of record that does not have enough area available for an initial and two replacement on site sewage disposal systems.

For the purpose of repairing a failing on site sewage disposal system on an existing lot of record.

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.

DATE: 1-14-11

Mal D Paul
Owner

DATE: 1-14-11

Elizabeth A Poole
Owner

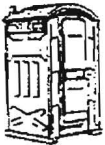
DATE: 1/14/2011

B Nyeen for Peter Beilensen
Howard County Health Department
Peter L. Beilenson, M.D., M.P.H., Health Officer

(410) 795-5670

Portable Toilets

Backhoe Service • Percolation Tests • Septic Line Cleaning
Pump Septic Tank & Drywells • New Installations • Repair Systems



W.O. #

Bill To Mark Poole
Address 12585 Indian Hill Dr
City Sykesville md 21784
Job Name HO CO
Location _____
Work Ordered By _____

DATE OF ORDER _____
ORDER TAKEN BY [Signature]
SCHEDULE FOR: _____
 Morning Afternoon
Job Phone _____
Mobile Phone _____
Home Phone 410-277-7266

Work Order	Actual Work	DESCRIPTION OF WORK				
		Pump Septic & Back Flush	<u>c/o Back</u>	<u>\$ 190</u>		
		Pump Drywell				
		Pump Grease Trap				
		Cleanout Location				
		Emergency Fee	<u>C.O.D.</u>			
		Extra Back Flushing	<u>HEAVY HEAVY SOLIDS</u>			
		Locating System	<u>TANK SPILLED OUT ONTO LAWN</u>			
		Hand Digging	<u>DID NOT HEAR WATER COMING BACK INTO</u>			
		Mini-Excavator	<u>THE TANK / NEEDS REPAIR</u>			
		Hand Snaking	<u>POSSIBLE BACKLINE CLOGGED</u>			
		Electric Snaking	<u>TANK ABOUT 2'-3' IN GROUND</u>			
		Service Call				
		Gallons Removed				
		Do we have permission to use driveway? <input type="checkbox"/> YES <input type="checkbox"/> NO				
		We are not responsible for your cleanout cap if we break it when we remove it.				
		We are not responsible for any damage to your driveway.				

No One Home Date Completed: _____ Done By: _____

Signature: _____
I hereby acknowledge the satisfactory completion of the above described work.

NET 30 DAYS

A finance charge of 1.5% will be charged monthly on unpaid balances
And any actual and reasonable collection fees may be added if delinquent. There is a \$25.00 fee for a returned check.
PRICES SUBJECT TO CHANGE

4/7/11 - last pumped 3 weeks ago

Toilets bubbling slowly this am.

6 people in house + daycare
service

The poles aa@hotmail.
com

Please Email homeowner
agreement.