



HOWARD COUNTY HEALTH DEPARTMENT

31883

DATE
8/19/09

ps

Received
From

Storm Utilities, LLC

PHONE # 410.439.0339

☐ CASH
☒ CHECK

NO. 15441

For Septic Permit -
11801 Ellwynridge St

three hundred ninety six

Dollars

\$ 396.00

Received By

U.S. M. H. F.

LAYOUT _____ INSP 4 _____
INSP 2 _____ INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 8/19/2009

PERMIT- HOOT H-600 -

P 531883

APPROVAL DATE:

8/24/09

BRF SYSTEM

SEPTIC TANK UPGRADE

A BRF

TAX ID # 05-345588

ON-SITE SEWAGE DISPOSAL SYSTEM

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

Storm Utilities _____ IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: _____ PHONE NUMBER: _____

SUBDIVISION _____ LOT _____

ADDRESS: 11801 Wayneridge Street PROPERTY OWNER: Anthony Cinotti

HOOT H-600 (GALLONS): 1500 Top Seamed Two Compartment Tank w/
Aerobic Pretreatment

PUMP CHAMBER CAPACITY (GALLONS): 750

******THE REST OF THE SEPTIC SYSTEM IS SUBJECT TO INSPECTION FOR PROPER OPERATION. A SUITABLE REPAIR MUST BE PERFORMED IF THE SYSTEM IS NOT FUNCTIONING PROPERLY OR AT THE POINT OF FAILURE. PERCOLATION TESTING AND ADDITIONAL FEES MAY APPLY IF ADDITIONAL WORK IS REQUIRED FOR THE SEPTIC SYSTEM TO FUNCTION PROPERLY.******

LOCATION:	Install New pretreatment tank as specified on approved site plan.
NOTES:	A test of the sensors, pump, alarm and unit itself is required. Install Hoot unit per manufacturer's specifications. System is designed for a maximum of six bedrooms. A clean out/observation port should be installed on the dist. Box/drywell for inspection of functionality/operation of the pretreatment system.

Note: * Certification start-up letter from the manufacturer needs to be submitted to the Health Dept. before the Hoot system can be approved for funding *

PLANS APPROVED: Kevin Wolf DATE: 8/18/2009

NOTES: PERMIT VOID AFTER 2 YEARS

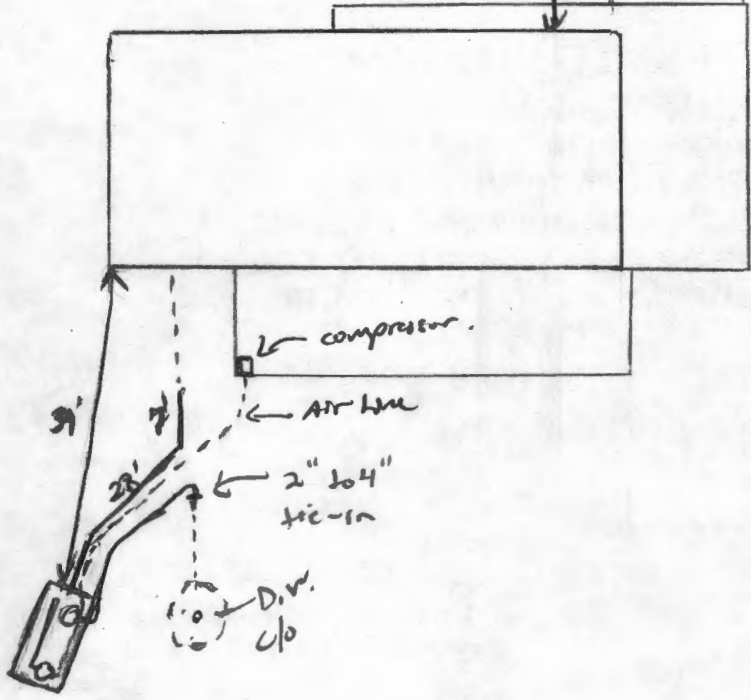
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
WATERTIGHT SEPTIC TANKS REQUIRED
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

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 FOR INSPECTION OF SEPTIC SYSTEM

Ex. well
Tag Bndl. 2'



TRENCH/DRAINFIELD DATA

(If Installed/Needed)

WIDTH _____ INLET _____ BOTTOM _____
 NUMBER OF TRENCHES _____
 TOTAL LENGTH _____
 ABSORPTION AREA _____
 DIST. BOX LEVEL _____
 DIST. BOX BAFFLE _____
 DIST. BOX PORT _____

HOOT 600 GPD BNR SYSTEM **BAY RESTORATION FUND**

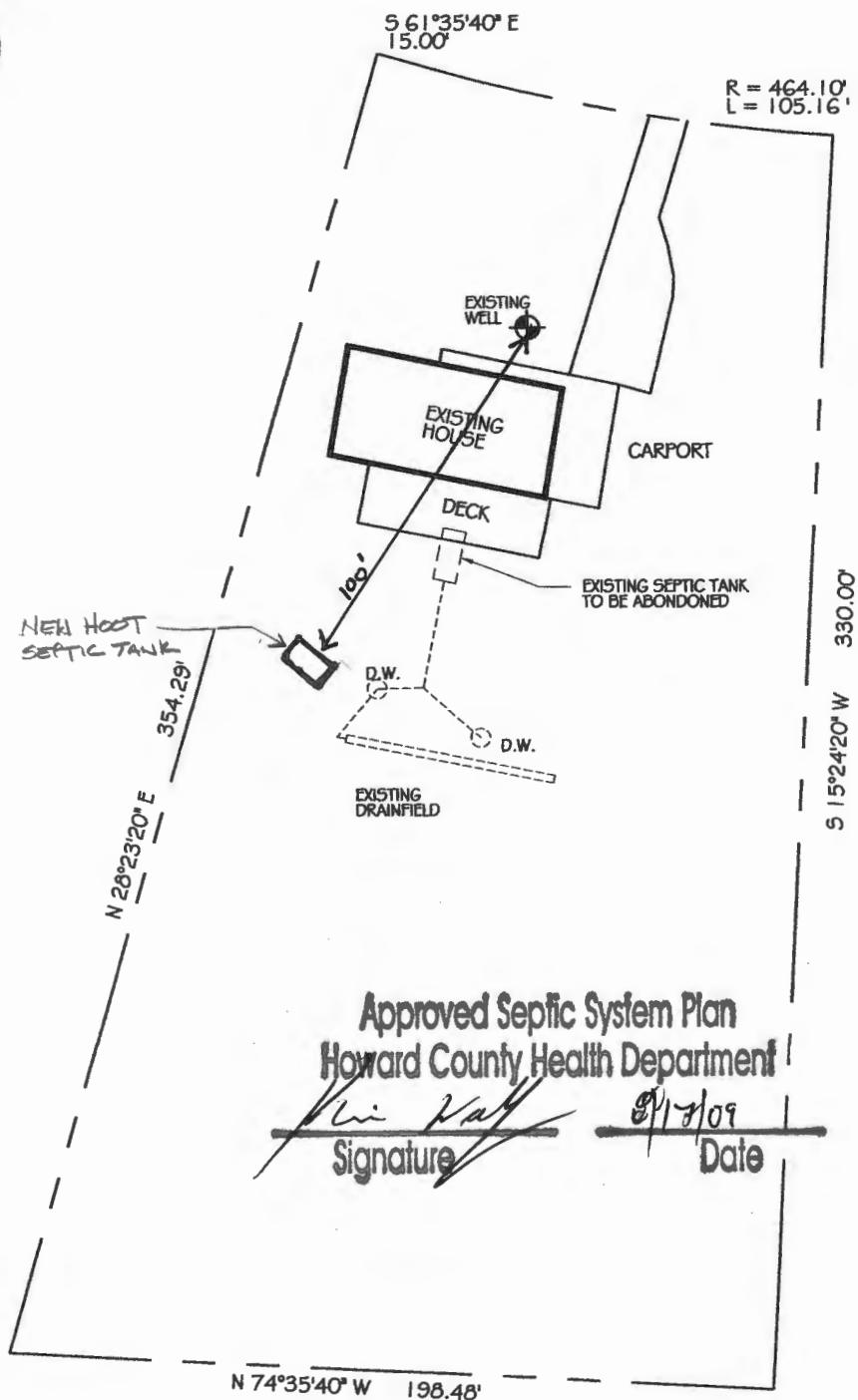
MANUFACTURER Mayer Doss
 CAPACITY 2100 GAL
 SEAM LOCATION Top
 TANK LID DEPTH 2.5'
 FRONT BAFFLES Yes
 MANHOLE LOC Front/Rear
 6" PORT LOC none
 WATERTIGHT TEST —
 AERATOR FUNCTIONING Yes
 ALARM FUNCTIONING Yes
 DATE ON LID —

8/24/09 New Hoot tank installed. as per approved plan. connected to Ex. D.W. w/ 2" to 4" coupling. Performed system start-up, system high water alarm, and pump test all working fine. OK to backfill. Need final approval letter from manufacturer. (KW)

FINAL INSPECTOR _____ DATE OF APPROVAL _____



WAYNERIDGE STREET



Approved Septic System Plan
Howard County Health Department

Signature

Date

8/17/09



SITE PLAN

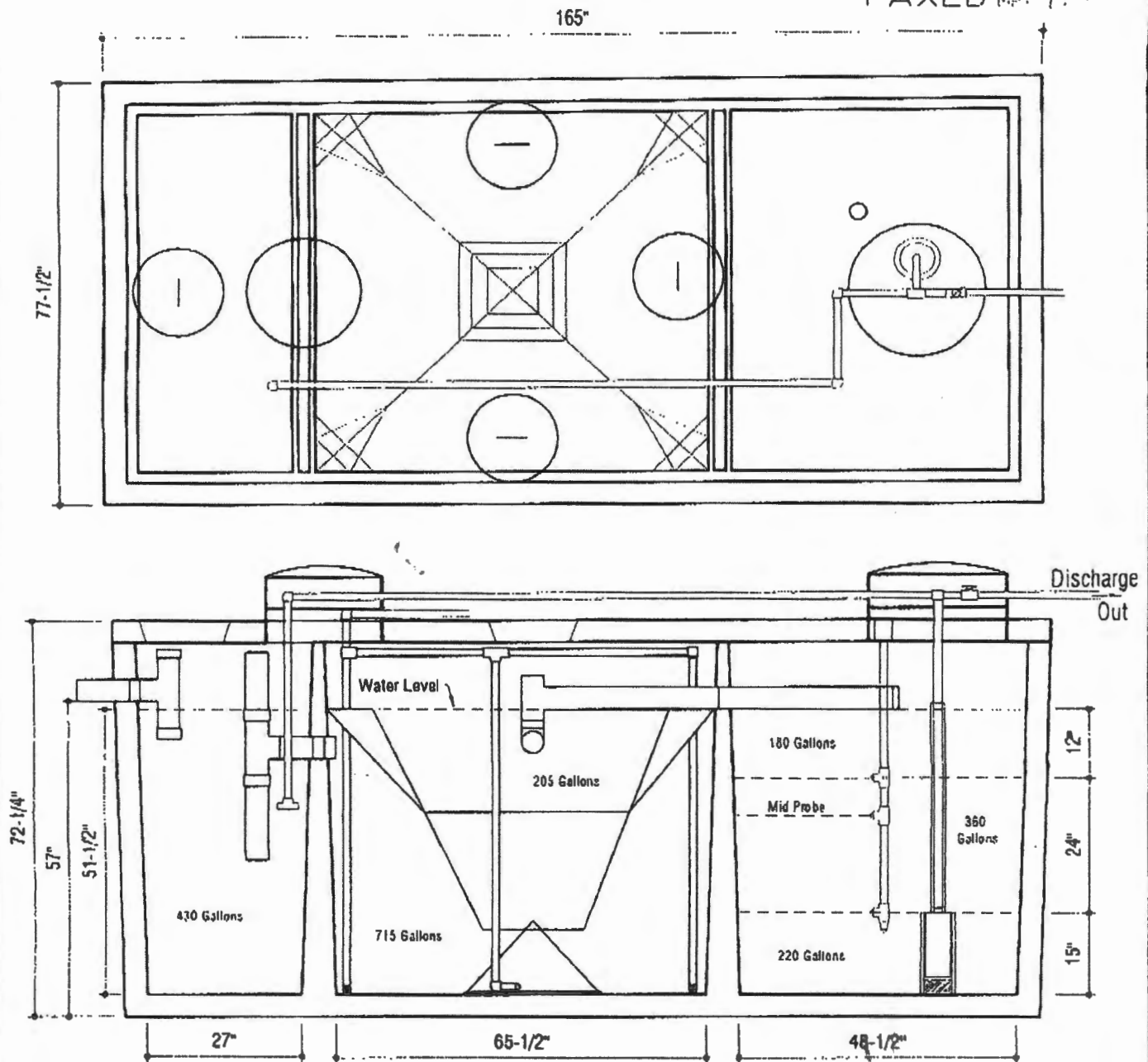
SCALE: 1" = 50'

Location: 11801 WAYNERIDGE STREET
FULTON, MARYLAND 20759

FIFTH DISTRICT, HOWARD COUNTY
TAX MAP: 41 BLOCK: 14 PARCEL: 279
TAX ACCOUNT #: 05 345588

S-1

FAXED MAY 19 2009

**DESIGN DATA & GENERAL NOTES**

- [1] Concrete strength $f_c = 4,000$ p.s.i. @ 28 days. Density = 150 pcf.
- [2] Cement - Portland Type VII per ASTM C 150-92.
- [3] Admixtures & plasticizers per ASTM C 260-86 & C 494-92.
- [4] Reinforcing per ASTM A185. Min. 1-1/2" cover.

Mayer Brothers, Inc.

6261 Race Road
 Elkridge, Maryland 21075
 Tel. 410.796.1434
 Fax. 410.796.1438
www.mayerbrosprecast.com



**600 GPD BNR SYSTEM
 H-600 ABNR**

with 750 GALLON PUMP CHAMBER

Dwg. No. Hoot Form #1

No Scale

March 19, 2009

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

THIS AGREEMENT is made this 14th day of May, among Anthony Cinotti, 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 11801 Waynridge Street, in the 5th 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 5578 Folio 457.

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 Department agrees to grant \$ 13,100.00 toward the cost of installation of the BAT System, and financial responsibility is limited to this amount. Owner will present to the Department a signed contract from the demonstrating the total cost of installation. Operating costs will be at the Owner's 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 forty-five (45) days 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: 4/11/09

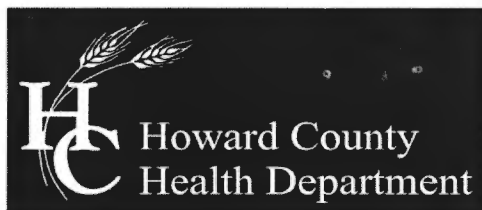
Michelle Cipriotti
Owner

DATE: 5/15/09

Jay Prager
Jay Prager, Deputy Program Manager
Wastewater Permits Program
Maryland Department of the Environment

DATE: 6/12/09

Bea Ryan
Howard County Health Department



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

May 5, 2009

Anthony & Shelli Cinotti
11801 Wayneridge Street
Fulton, Maryland 20759

RE: Bay Restoration Fund On-site Sewage Disposal
System Program

Dear Anthony & Shelli,

The Health Department received your preliminary approval letter from the Maryland Department of the Environment for funding from the Bay Restoration Fund. This funding is for the installation of best available technology (BAT) for removing nitrogen as part of your on-site sewage disposal system.

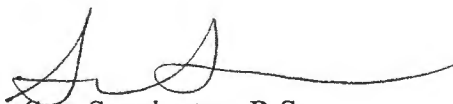
Once the specific technology has been determined and approved by the Maryland Department of the Environment, you or your consultant will be responsible for providing a detailed cross-sectional/spec sheet of what is proposed to be installed at your property, i.e. new tank, BAT to be used with existing tank, etc. If a new tank is to be used, a drawing showing the new, detailed tank along with a profile showing the depth and amount of earth cover shall be submitted to this office. These details should be available from the manufacturer. If the existing tank is to be used, a structural analysis of the tank, i.e. water tightness, mid or top seam, cosmetic or physical damage, slotted, etc., needs to take place and approved by the manufacturer.

In addition, a scaled site plan showing the exact locations of the well and septic components, i.e. septic tank and dry well, must be submitted to this department for review. Neighboring septic systems and wells may need to be included on the site plan. Elevations of system components may be required based on site characteristics. Also submit contact information of the contractor that is to install the system, including a phone number. BAT systems may be subject to Howard County Health Department Code and the Annotated Code of Maryland Regulations (COMAR), i.e. setback to dwelling, existing drive, existing well, slopes, etc.

Once these comments have been reviewed by the Health Department, and a copy of the Agreement and Easement for Installation of Best Available Technology Systems with Bay Restoration has been received in the Health Department, the septic permit can be released. A fee of \$396.00 is required in order to receive this septic permit for installation of the pretreatment system for the above referenced property.

If you have further questions regarding this matter, please contact me at (410) 313-1771.

Sincerely,



Sara Sappington, R.S.
Well and Septic Program



MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Boulevard • Baltimore MD 21230

410-537-3000 • 1-800-633-6101

Martin O'Malley
Governor

Shari T. Wilson
Secretary

Anthony G. Brown
Lieutenant Governor

Robert M. Summers, Ph.D.
Deputy Secretary

May 14, 2009

Anthony Cinotti
11801 Wayneridge Street
Fulton, MD 20759

RE: Tax Map 41, Grid 12, Parcel 279

Dear Mr. Cinotti:

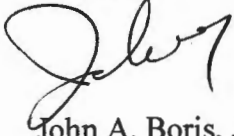
Your bid package for the Bay Restoration Fund (BRF) Onsite Sewage Disposal System (OSDS) Program has been approved for the use of funds totaling not more than \$13,100.00. The accepted bid amount is for the installation of a Hoot 600 by Storm Utilities for your property located at 11801 Wayneridge Street. You may choose to deviate from the selected unit, however the grant award for acceptable reimbursable expenses may not exceed \$13,100.00. All grants awarded through the Maryland Department of the Environment (MDE) are reimbursable. This means that all work done prior to this letter cannot be considered for reimbursement. In order to be eligible for reimbursement you must sign and record a copy in the land records of Howard County the Agreement and Easement for Installation of Best Available Technology Systems with Bay Restoration Funds. You must provide MDE with the following:

- The contractor's and manufacturer's invoice. These invoices should include everything quoted in the bid. All expenditures greater than the bid amount will not be covered.
- A copy of the installation inspection performed by the Howard County Environmental Health program.
- A completed State Grant or Loan Payment Disbursement Request Form
- A copy of the Agreement and Easement for Installation of Best Available Technology Systems with Bay Restoration that shows that it has been recorded in the land records of Howard County.

All submitted documentation would be reviewed for compliance. Once all documentation is submitted, you will receive a payment directly from the State Comptroller's office.

The Maryland Department of the Environment thanks you for participating in this important program. If you have any further questions, please feel free to contact me at 410-537-3678 or 800-633-6101 ext 3678 or email at jboris@mde.state.md.us.

Sincerely,



John A. Boris, Jr., R.S.
Bay Restoration Fund Project Manager

Enclosure

cc: Jay Prager
Steve Krieg, Regional Consultant
Howard County Health Department



MARYLAND DEPARTMENT OF THE ENVIRONMENT

1800 Washington Boulevard • Baltimore MD 21230

410-537-3000 • 1-800-633-6101

Martin O'Malley
Governor

Shari T. Wilson
Secretary

Anthony G. Brown
Lieutenant Governor

Robert M. Summers, Ph.D.
Deputy Secretary

April 22, 2009

Anthony & Shelli Cinotti
11801 Wayneridge St,
Fulton, Maryland 20759

Dear Anthony & Shelli Cinotti:

Thank you for completing an application for the Bay Restoration Fund (BRF) Onsite Sewage Disposal System (OSDS) Program. The application submitted is for the property located at 11801 Wayneridge St, Fulton, Maryland 20759 and shown on Tax Map 41, Grid 14, Parcel 279. This letter is to notify you of preliminary approval and high priority for funding from the BRF for the installation of best available technology (BAT) for removing nitrogen as part of your on-site sewage disposal system.

This notification letter is intended to assist you through the process of contracting a vendor for the purchase and installation of a BAT, and invoicing procedures to obtain funding from the BRF. The following sections outline the requirements necessary for proceeding with the project.

➤ **Vendor Selection:**

(Option 1): Applicant Selects a Fixed Price Pre-Approved Vendor:

Maryland Department of the Environment has preselected the following three BAT vendors who will provide and install the technology at a predetermined cost:

- **Hoot Aerobic Systems, Inc. (Hoot BNR®):**
Distributor: Mayer Brothers, Inc. Contact: Nancy Mayer
Phone: (410) 796-1434 Website: www.hootsystems.com Email: mayerbro@connext.net

Region	Bedrooms	Fixed Price
Western ²⁹	3 to 6	\$14,200
Central ³⁰	3 to 6	\$13,100
Southern ³¹	3 to 6	\$13,500
Eastern ³²	3 to 6	\$13,700

²⁹ Allegany, Garrett, Frederick, Washington,

³⁰ Baltimore, Harford, Howard, Carroll, Montgomery, Anne Arundel, Cecil

³¹ Prince George's, Charles, Calvert, St. Mary's

³² Caroline, , Queen Anne's, Dorchester, Kent, Somerset, Talbot, Wicomico, Worcester

- **Orenco Systems, Inc. (AdvanTex® AX)**

Distributor: Atlantic Solutions, Ltd.

Contact: Bob Johnson

Phone: 1-877-214-9283 **Website:** www.orenco.com **Email:** bjohnson@septicssystems.net

Region	Bedrooms	Fixed Price
Western	3 to 4	\$14,868.40
	5	\$16,606.80
	6	\$20,422.80
Central	3 to 4	\$12,950.40
	5	\$14,464.80
	6	\$18,280.80
Southern	3 to 4	\$12,700.40
	5	\$14,264.80
	6	\$18,080.80
Eastern	3 to 4	\$13,068.40
	5	\$14,806.80
	6	\$18,622.80

- **Bio-Microbics, Inc. (MicroFast®)**

Distributor: Feemire & Associates

Phone: (410) 768-8500 **Website:** www.biomicrobics.com

Email: www.freemire.com

Region	Bedrooms	Fixed Price
Western	3 to 4	\$11,625
	5 to 6	\$13,807
Central	3 to 4	\$11,425
	5 to 6	\$14,107
Southern	3 to 4	\$11,525
	5 to 6	\$14,507
Eastern	3 to 4	\$10,625
	5 to 6	\$13,807

The applicant may choose any of the three pre-approved technologies and must contact the vendor directly. When choosing from the above technologies the applicant may want to request information on the annual cost of power consumption from the vendor. After vendor selection, the homeowner must provide MDE with a signed contract between the homeowner and the vendor. **MDE will provide BRF funding for 100% of the chosen technology.**

(Option 2): Applicant Selects Vendor and Procures Bids

Applicants may also select from other MDE approved BAT vendors, which are listed below. The applicant can procure bids from the other vendors however the grant amount will be limited to the least expensive of the preapproved vendor technologies appropriate for the designated region. Your property is located in the Central region and the total grant allotment is capped based on the following table:

Region	Bedrooms	Fixed Price
Western	3 to 4	\$11,625
	5 to 6	\$14,200
Central	3 to 4	\$11,425
	5 to 6	\$13,100
Southern	3 to 4	\$11,525
	5 to 6	\$13,500
Eastern	3 to 4	\$10,625
	5 to 6	\$13,700

The following is the list of other approved technologies:

Amphidrome			
Manufacturer:	F.R. Mahony & Associates, Inc.	www.firmahony.com	
Distributor:	David Kershner	(610) 351-0963	d.kershner@ketllc.com
Bioclere			
Manufacturer:	Aquapoint, Inc.	www.aquapoint.com	
	Robbie Tippet	(240) 298-7572	rtipp4@aol.com
	Sam Seymour	(585) 473-3300	sseymour@aquapoint.com
Ecoflex			
Manufacturer:	Premier Tech Environment		
	Allison Blodig	(785) 250-3215	bloa@premiertech.com
Hoot H-Series, ANR			
Manufacturer:	Hoot Aerobic Systems, Inc.	www.hootsystems.com	
Distributor:	Nancy Mayer	(410) 796-1434	mayerbro@connext.net
Nitrex			
Manufacturer:	Lombardo Associates, Inc	www.lombardoassociates.com	
	Pio Lombardo	(617) 964-2924	pio@lombardoassociates.com
ReCip RTS			
Manufacturer:	Bio-Concepts, Inc.	www.bioconceptsinc.com	
	Al Privette	(252) 249-7040	alprivette@coastal.net
SeptiTech			
Manufacturer:	SeptiTech, Inc.	www.septitech.com	
Distributor:	Bruce Melton	(410) 878-2952	rbmelton@progressiveseptic.com
	Western MD, Scott Everhart	(304) 676-3823	www.cseenterprises.net
Singulair Model TNT			
Manufacturer:	Norweco, Inc.	www.norweco.com	
Distributor:	Eastern Shore - John Short	(443) 786-0594	btowers62@gmail.com
	Western Shore - Jeff Earnshaw	(301) 274-3772	superiortank@olg.com
Waterloo Biofilter			
Manufacturer:	Waterloo BioFilter Systems, Inc.	www.waterloo-biofilter.com	
Distributor:	Jones Pump Service	(410) 836-9206	manager@jonespumpservice.com

If you choose to acquire bids according to this option, you are advised that MDE will provide BRF funding up to the aforementioned dollar amount, and you will have to pay any difference.

Conditions of Financial Assistance Document

By reading and signing this form, you agree to the limitations and conditions set forth in this document. This form must be returned with your submission of bids or vendor contract. Your submission will not be processed if this form does not accompany the bids or vendor contract when you submit them.

➤ Award of Grant:

- MDE will review the contract or bids submitted by the applicant. The grant award will be obligated based on the predetermined vendor/technology list or the lowest acceptable bid. The applicant may pay the cost difference of a more expensive bid.
- No change orders will be accepted by MDE.

- The applicant will be notified with an Award Letter with the amount of the grant obligation, Agreement and Easement document and further instructions.
- The award amount is available for reimbursement within 6 months of Department signature on the Agreement and Easement document. Upon request of the applicant, the original 6-month period may be extended at the discretion of the Department.

Agreement and Easement Document

The Agreement and Easement you will receive with the award letter must be signed by all parties and recorded in the Land Records of Howard County, Maryland. The cost of recordation is not eligible for BRF funding. A draft copy of the Agreement and Easement is provided to you in this letter for your review. A completed Agreement and Easement will be provided to you after you are notified of the grant approval amount.

➤ **Local Permitting Requirements:**

- All required local permits must be obtained.
- The County has the right to determine your availability to connect to public sewer. If you have access and your system is failing or your property is in an area that is scheduled to have a public sewer line your request for funds may be denied.
- Contact Howard County Health Department for more information.

➤ **Issuance of Funds From the BRF:**

After review of the submitted invoice and associated documents, the Office of the Comptroller of the State of Maryland will issue a check to the property owner.

Once again the Department thanks you for participating in this important program. If you have any questions, please feel free to contact me at 410-537-3678 or by email at jboris@mde.state.md.us.

Sincerely,



John Boris
Bay Restoration Fund Project Manager

Enclosure

cc: Jay Prager
MDE Regional Sanitarian
County Health Department or other related department

82:0 ... C