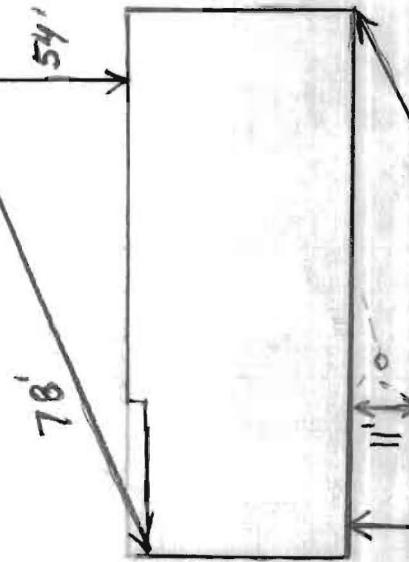


LAYOUT 7/24/09 INSP 4 9/17/09
 INSP 2 9/10/09 INSP 5 9/24/09
 INSP 3 9/16/09 INSP 6 _____

ISSUE DATE:	8/4/2009	PERMIT FOR -		P	531089
APPROVAL DATE:	<u>9/24/09</u> BRF	ADVANTEK AX20		A	
	<u>6/15/2010</u>	PRETREATMENT SEPTIC TANK			
TAX ID # 05-383226					
ON-SITE SEWAGE DISPOSAL SYSTEM					
HOWARD COUNTY HEALTH DEPARTMENT					
BUREAU OF ENVIRONMENTAL HEALTH					
Chief Septic Has Permission To			INSTALL <input type="checkbox"/> ALTER <input checked="" type="checkbox"/> The Septic System at		
PROPERTY ADDRESS:	7391 Hopkins Way Clarksville, MD 21029	HOMEOWNER:	Don Berry		
SUBDIVISION:	Hallmark	PHONE NUMBER:			
		LOT:	43		
CONTRACTOR ADDRESS:	6765 Runkles Road Mount Airy, MD 21771	CONTRACTOR PHONE NUMBER:	(717)398-9323		
Advantex AX20	600gpd	Top Seamed Compartmented Tank with Aerobic Pretreatment			
LOCATION:	The existing tank must be pumped out and filled in. The location of the new tank needs to be 100' from the well or no closer than the existing tank.				
NOTES:	A complete test of the functioning unit is required. Install Advantex unit per manufacturer's instructions. Unit cannot be deeper than 3 feet below grade.				
<p>Note: 1) A certification start-up letter from the manufacturer needs to be submitted to the Health Dept. before the Advantex unit can be approved for funding.</p> <p>2) The rest of the septic system must be examined to verify that it is functioning properly. 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 be required if additional work is required for the septic system to operate correctly.</p>					
PLANS APPROVED:	B. Baker	DATE:	8/4/2009		
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 IF YOU ARE WORKING YOU MUST CALL 410-313-1771 TO SCHEDULE INSPECTIONS					

Hopkinsway HO-73-2809



6/14/2010 Met contractor at site. To remove clogged pipes and top layer of dirty gravel from trenches. I install new pipes and cover with clean gravel and fabric. I install obs. ports on ends of trenches. I install levelers. (BB)

4/15/2010 I installed not finished, gave O.K. to cover when done. (BB)

TRENCH/DRAINFIELD DATA (If Installed/Needed)		
WIDTH	INLET	BOTTOM
_____	_____	_____
NUMBER OF TRENCHES	3	
TOTAL LENGTH	_____	
ABSORPTION AREA	_____	
DIST. BOX LEVEL	_____	
DIST. BOX BAFFLE	_____	
DIST. BOX PORT	No	

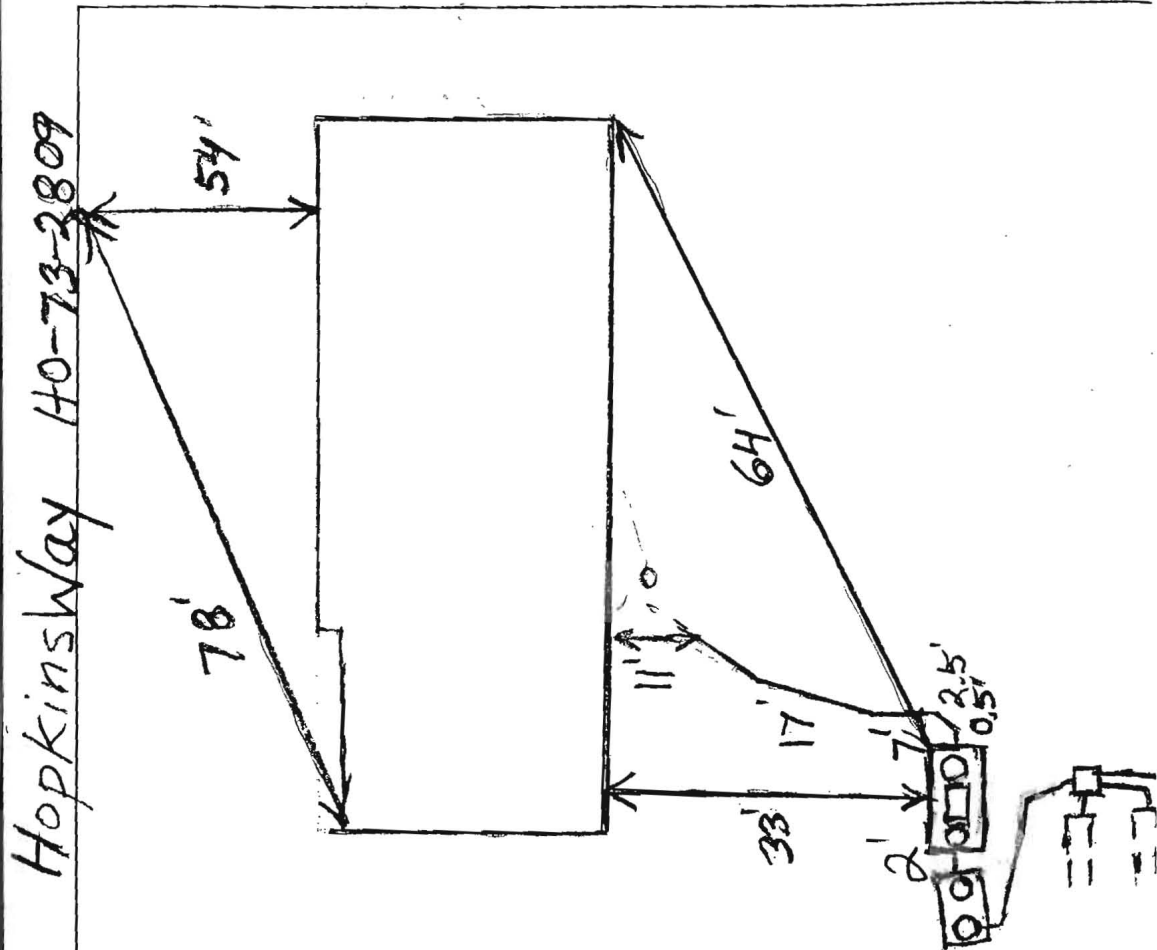
AdvanTex AX 20 Model 3a. BAY RESTORATION FUND	
MANUFACTURER	Orengo
CAPACITY	1500, 1000
SEAM LOC	Top, Top
TANK LID DEPTH	2.5'-3', 2'-3'
BAFFLES	Front
BAFFLE FILTER	Yes
MANHOLE LOC	Front+Rear on Both
6" PORT LOC	None
WATERTIGHT TEST	No
AERATOR TEST	N/A
DATE ON LID	Covered

9/17/09 Homeowner called Mike Davis and complained about something. Secretary able to find property file and it looked like there was a buried septic tank. Mike called contractor's boss and told them they need to dig up and abandon tank. (BB) 9/24/09 Met on site with property file and located approximate area of tank. Tank was then dug up, pumped out and abandoned. Pipes still clogged. (BB)

7/24/09 Made site visit. Keep tank above trenches, 100' from neighbor's well and with 3' or less of cover over it. No records on property found. Homeowner said he doesn't have a septic tank. (BB) 9/10/09 BRF unit set and house connection made. Distribution box and pipes to trenches are clogged or partially clogged. Bottom trench is only getting effluent. Told contractor and homeowner that they should replace any clogged piping from dist. box. Homeowner and contractor insist that there is no septic tank. (BB) 9/16/09

FINAL INSPECTOR B. Baber DATE OF APPROVAL 9/24/09 + 6/15/10

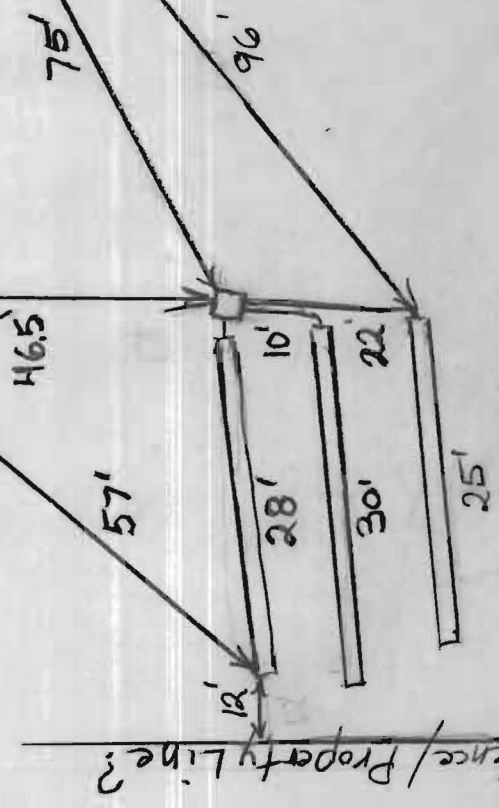
BRF unit connected to dist. box. Only bottom trench getting effluent. Box cleaned out. Contractor wants to backfill everything. Called homeowner and told them they should leave clogged pipes exposed for repair. (BB)



9/17/09 Homeowner called Mike and complained about something able to find property file and it like there was a buried septic tank called contractor's boss and told need to dig up and abandon tank property file and located approx then dug up, pumped out and ab

7/24/09 Made site visit. Keep 100' from neighbor's well as cover over it. No records on said he doesn't have a septic unit set and house connect box and pipes to trenches are

7391 Hopkins Way

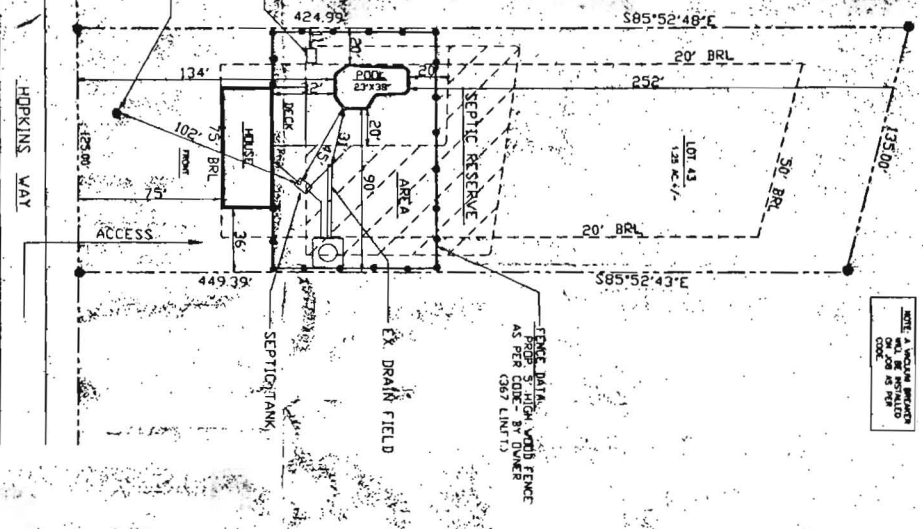


Trench Locations-

NOT TO SCALE

ESTIMATES:
 10' 10'
 10' 10'
 10' 10'
 10' 10'
 10' 10'

PRIVATE WELL
 A. SEPTIC



NOTE: A VERTICAL MEASURE
 SHALL BE PROVIDED
 TO THE CENTER OF THE
 WELL

Both Customer and Salesman agree that this drawing, access, elevation & location of all equipment and appliances are in agreement. Any change in the above information must be approved in writing by the Customer and WPI.

CHECKED BY: SALESMAN
 DATE: MAR 18 1988
 CHECKED BY: CUSTOMER

SITE PLAN
 SCALE: 1" = 30'

FLAMEWOOD
 7291 HOPKINS WAY
 ANNAPOLIS, MD 21409

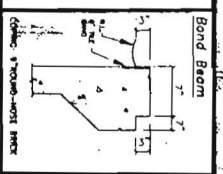
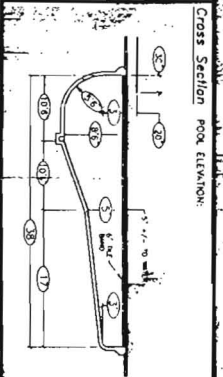
LOT 43, LOT SITE - 1.23 AC +/-
 TAX ACCOUNT / 091-983226

DIRECTIONS: BROKEN LAND HWY. TO RT. 23 SOUTH, CONT. APPROX. 3 1/2 MILES TO RIGHT ON JONES HOPKINS RD. CONT. 1.3 MILES TO RIGHT ON OLD HOPKINS RD. FOLLOW 3 MILE TO LEFT ON HOPKINS WAY, FOLLOW 1 MILE TO SITE ON RIGHT AT 7291 HOPKINS WAY.

SALE BOOK:
 CO: HOWARD
 MAP: 18
 GRID: 11

MARLAND POOLS

9315 OPENING LANE - SUITE 119
 COLUMBIA, MARYLAND 21046
 410-993-6600 BALTIMORE
 301-421-3319 WASHINGTON



Piping Schedule

PIPE	SIZE	MATERIAL
1"	1/2"	PVC
2"	1"	PVC
3"	1 1/2"	PVC
4"	2"	PVC
6"	3"	PVC
8"	4"	PVC
10"	6"	PVC
12"	8"	PVC
14"	10"	PVC
16"	12"	PVC
18"	14"	PVC
20"	16"	PVC
22"	18"	PVC
24"	20"	PVC
26"	22"	PVC
28"	24"	PVC
30"	26"	PVC
32"	28"	PVC
34"	30"	PVC
36"	32"	PVC
38"	34"	PVC
40"	36"	PVC
42"	38"	PVC
44"	40"	PVC
46"	42"	PVC
48"	44"	PVC
50"	46"	PVC
52"	48"	PVC
54"	50"	PVC
56"	52"	PVC
58"	54"	PVC
60"	56"	PVC
62"	58"	PVC
64"	60"	PVC
66"	62"	PVC
68"	64"	PVC
70"	66"	PVC
72"	68"	PVC
74"	70"	PVC
76"	72"	PVC
78"	74"	PVC
80"	76"	PVC
82"	78"	PVC
84"	80"	PVC
86"	82"	PVC
88"	84"	PVC
90"	86"	PVC
92"	88"	PVC
94"	90"	PVC
96"	92"	PVC
98"	94"	PVC
100"	96"	PVC

Revisions

NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

NOTE: DRAWING IS CONTRACT ONE
 HOUR DURING IN CONTRACT ONE

POOL DATA

SITE: 21347
 SALES: CUSTOMER
 AREA: POOL: 633 S. STANBURY
 TOTAL SQ. FT.: 635
 PERIMETER: POOL: 123, OTHER:
 CIRCUMFERENCE: 26,195

NAME: DON BERRY & SUE WEDDUS

ADDRESS: 7291 HOPKINS WAY
 CITY: CLANESVILLE, MD 21029

COUNTY: HOWARD ZONE: 11

TELEPHONE - HOME: 301-725-8835
 OFFICE: 301-517-1832

SCALE: DRAWN BY: 0.25"
 AS NOTED

DATE: JULY 21, 1988 JOB NO: 5589-8806

EQUIPMENT LIST

ITEM	DESCRIPTION	QUANTITY	REMARKS
1	CONCRETE	1	FOR SEPTIC TANK
2	SEPTIC TANK	1	12' X 12' X 48"
3	SEPTIC RESERVE	1	12' X 12' X 48"
4	EX. DRAIN FIELD	1	12' X 12' X 48"
5	EX. WELL	1	12' X 12' X 48"
6	ACCESS	1	12' X 12' X 48"
7	PROPERTY LINE WITH FENCE	1	AS PER CODE BY OWNER (287 LINT.)
8	PIPE	100	1" PVC
9	PIPE	100	2" PVC
10	PIPE	100	3" PVC
11	PIPE	100	4" PVC
12	PIPE	100	6" PVC
13	PIPE	100	8" PVC
14	PIPE	100	10" PVC
15	PIPE	100	12" PVC
16	PIPE	100	14" PVC
17	PIPE	100	16" PVC
18	PIPE	100	18" PVC
19	PIPE	100	20" PVC
20	PIPE	100	22" PVC
21	PIPE	100	24" PVC
22	PIPE	100	26" PVC
23	PIPE	100	28" PVC
24	PIPE	100	30" PVC
25	PIPE	100	32" PVC
26	PIPE	100	34" PVC
27	PIPE	100	36" PVC
28	PIPE	100	38" PVC
29	PIPE	100	40" PVC
30	PIPE	100	42" PVC
31	PIPE	100	44" PVC
32	PIPE	100	46" PVC
33	PIPE	100	48" PVC
34	PIPE	100	50" PVC
35	PIPE	100	52" PVC
36	PIPE	100	54" PVC
37	PIPE	100	56" PVC
38	PIPE	100	58" PVC
39	PIPE	100	60" PVC
40	PIPE	100	62" PVC
41	PIPE	100	64" PVC
42	PIPE	100	66" PVC
43	PIPE	100	68" PVC
44	PIPE	100	70" PVC
45	PIPE	100	72" PVC
46	PIPE	100	74" PVC
47	PIPE	100	76" PVC
48	PIPE	100	78" PVC
49	PIPE	100	80" PVC
50	PIPE	100	82" PVC
51	PIPE	100	84" PVC
52	PIPE	100	86" PVC
53	PIPE	100	88" PVC
54	PIPE	100	90" PVC
55	PIPE	100	92" PVC
56	PIPE	100	94" PVC
57	PIPE	100	96" PVC
58	PIPE	100	98" PVC
59	PIPE	100	100" PVC

SPECIAL NOTES

- 0 FT. OF DRAINAGE IN CONTRACT
- POOL AREA TO BE FINISHED BY OWNER. 1.5" X 1.5" RE BAR CLOSING TO BE PROVIDED BY OWNER. 1.5" X 1.5" RE BAR CLOSING TO BE PROVIDED BY OWNER. 1.5" X 1.5" RE BAR CLOSING TO BE PROVIDED BY OWNER.
- 1.5" X 1.5" RE BAR CLOSING TO BE PROVIDED BY OWNER. 1.5" X 1.5" RE BAR CLOSING TO BE PROVIDED BY OWNER. 1.5" X 1.5" RE BAR CLOSING TO BE PROVIDED BY OWNER.
- DO NOT USE SAND FILTERS, LONG SLOPE FILTERS.
- POOL IF YOU WANT FILTER & COVER.
- FOR PLUMBING WORK, SEE SEPTIC TANK & DRAIN FIELD.

Chief Septic Inc.
P.O Box 199
Mount Airy MD 21771
Phone: 410-635-3237
Fax: 301-829-4026

To: Howard County Health Dept.
Name: **Brian Baker**
CC:
Phone: (410)313-2645
Fax: (410)313-2648

From: **Chief Septic**
Date Sent: 07/22/2009
Number of Pages: 04
Re. Start up letters / new layout

Brian,

Attached please find the two start up forms you needed for the properties at Roxbury Rd and Underwood Rd. Thanks again for your help.

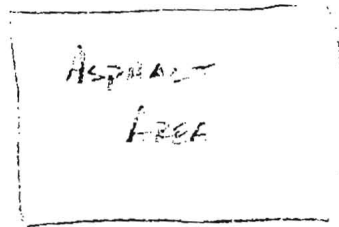
I've also included a proposed sketch for another installation at the residence of:
Don Berry III
7391 Hopkins Way
Clarksville, MD 21029

Please call me at your earliest convenience so I may proceed with the Hopkins Way project at:
717-398-9323.

Best Regard,

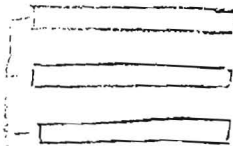
Larry Earney

DON BERRY III
 7391 HOPKINS WAY
 CLARKSVILLE, MD 21029

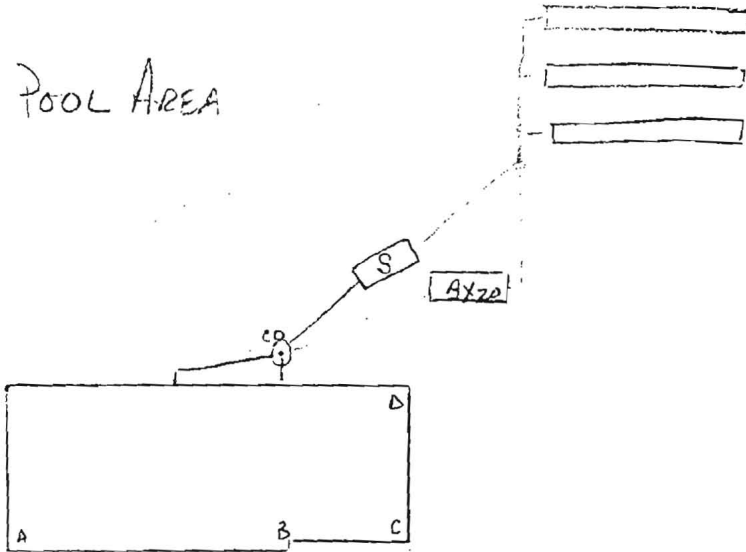


AC	67'
CD	25'
AW	55'
BW	63'
CoS	18'
DS	22'
D AX20	20'

POOL AREA

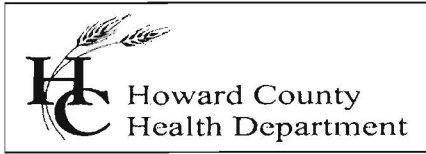


100'



TOTAL #
 TRENCHES &
 TRENCH LENGTHS
 UNDETERMINED

- S - SEPTIC TANK
- AX20 - AEROBIC UNIT (1500 GAL)
- Co - CLEAN OUT
- W - WELL



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

Bay Restoration Fund (BRF) Installation Questionnaire

Provide a scaled site plan with the following information. A house location survey is acceptable.

- The house footprint and any accessory structures
Well location on the property and any neighboring wells within 100 foot of the property lines and any wells within 200 foot down grade from the septic system
All septic systems on neighboring properties that are within 100 foot of the property lines or within 200 feet up grade from the well serving the property (records may be available from the Health Department; however, if records are not available the systems must be field located)
Contour at two foot intervals is recommended and may be required for some installations

Will any components of the existing septic be utilized with the proposed treatment unit?

(Yes, no or N/A if the component is not part of the system)

- Septic tank NO
Pump chamber NO
Distribution box NO
Drainfields YES
Drywell YES
Mound system NO
Other

If the existing septic tank or pump chamber is being utilized the tanks will need to be water tightness tested by the contractor/manufacturer of the pretreatment unit under supervision by the Health Department. Mid seam tanks must be replaced. Confirm that the tank baffles are functional. The pump chamber pumps and high water alarm will need to be tested after the installation.

If a new tank is required, are there site access restrictions? NO

The contractor shall provide the following information in order to assure that the proposed installation will function properly. If an entire system is being installed, provide the waste line elevation at the point where the new system will be connected to the existing waste line. This information will be used to demonstrate that the installation will not be too deep.

- The manufacturer's recommended maximum depth of the proposed unit 3'
Elevation of the connection to the existing waste line 0
If a new waste line from the house to the system is to be installed, include the invert elevation at the house

Invert elevations of the following:

(May be provided as depth below ground surface if contour is not provided)

- Septic tank inlet
Septic tank outlet
Distribution box
Beginning of trench or drywell if there is not a distribution box
Depth to top of tank

A system start-up certification from the manufacturer must be sent to the Health Department.

All system installations are site specific and additional information may be required.

Form completed by Edgard J. Urzategui Date 7-17-09
Print Name

Phone # 410-635-3237

PO Box 199
Mount Airy, MD 21771

Phone: 1-866-99-CHIEF
Phone: 410-635-3237
Fax: 301-829-4026
E-mail: eus_1@juno.com

CHIEF SEPTIC, INC.

This letter is to certify that the Advantex System installed at the address referenced below was installed properly and a start-up was completed according to the manufacturer's requirements.

Address:

Don BERRY III
7391 HOPKINS WAY
CLARKSVILLE, MD
301-725-5835

Permit Number:

531089

Advantex Serial Number:

408910

Advantex RTU Number:

120062

Chief Septic, Inc.



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

000168

THIS AGREEMENT is made this 9th day of July, among Don W. Berry III, 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 7391 Hopkins Way, 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 1533 Folio 301.

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.

Handwritten initials and date: 20 20 20 JC

- 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 \$ 14,464.80 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: 7/11/09

Don W Berry III
Owner DON W BERRY III

DATE: 7/8/09

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

DATE: 7/14/09

Paul Ripen
Howard County Health Department

IMP FD SURE \$	20.00
RECORDING FEE	20.00
PHOTOCOPY-A	2.00
TOTAL	42.00
Res# CH05	Rcpt # 82376
MDR JME	Blk # 1552
Jul 16, 2009	09:49 am

RECEIVED
HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH
2009 JUL 17 PM 1:51



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

July 9, 2009

Don W. Barry III
7391 Hopkins Way
Clarksville, MD 21029

RE: Tax Map 41, Grid 16, Parcel 422, Lot 43

Dear Mr. Barry:

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 \$14,464.80. The accepted bid amount is for the installation of an Orenco Advantex for your property located at 7391 Hopkins Way. **You have 45 days from the date of this letter to install the chosen system and submit to the Maryland Department of the Environment (MDE) the items below for disbursement.** An extension may be granted due to site conditions if you supply MDE a request in written letter form. You may choose to deviate from the selected unit, however the grant award for acceptable reimbursable expenses may not exceed \$14,464.80. All grants awarded through the 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