



BAY RESTORATION FUND – APPLICATION FOR FINANCIAL ASSISTANCE

Property Owner: _____ Telephone: _____

Mailing Address: _____

Location of Property: _____

Tax Map: _____ Grid: _____ Parcel: _____ Lot: _____ PID: _____

Building Type (please select one of the following):

- ☐ Primary Residence
- ☐ Non-Primary Residence (including commercial and income/rental properties)

The Property has (please select one of the following):

- ☐ A failing sewage system **in** the Chesapeake Bay Critical Area
- ☐ A failing sewage system **outside** the Chesapeake Bay Critical Area
- ☐ A non-conforming sewage system **in** the Chesapeake Bay Critical Area
- ☐ A non-conforming sewage system **outside** the Chesapeake Bay Critical Area
- ☐ Other, including new construction, **in** the Chesapeake Bay Critical Area
- ☐ Other, including new construction, **outside** the Chesapeake Bay Critical Area

COPIES OF THE MOST RECENT YEAR FEDERAL INCOME TAX RETURNS FOR EACH INDIVIDUAL LISTED ON THE DEED MUST BE SUBMITTED WITH THIS APPLICATION (PAGE 1 AND 2 OF FEDERAL 1040 FORM OR AN IRS TAX RETURN TRANSCRIPT), SEE ATTACHED INCOME VERIFICATION FORM

Names of Each Individual Listed on the Deed: _____

Owner's Statement: I understand that 1) I am applying to participate in a program to upgrade an on-site sewage disposal system (OSDS) using Best Available Technology (BAT) for nitrogen removal; 2) a signed Agreement and Easement is required and must be recorded in Somerset County's land records; 3) the Somerset County Health Department (SCHD) does not warrant or guarantee that the system will adequately or properly function and there shall be no liability on the part of the SCHD if the system fails; and 4) completion of this application does not imply approval or availability of funds to the applicant.

Installation of the OSDS system must be completed either within three months of the recording of the Agreement and Easement or by June 30th of the State of Maryland fiscal year in which this application is submitted, whichever comes first. If the OSDS is not installed within this timeframe resubmission of this application may be required. Requests for an extension must be submitted to the SCHD in writing.

By signing below, the owner certifies that the information provided on this application is correct.

Owner's Signature: _____ Date: _____



Somerset County Health Department
8928 Sign Post Road, Suite 2, Westover, Maryland 21871
443.523.1700 – 800.363.8090 – Fax 410.651.5680
TDD 1-800-735-2258
Health Officer: Danielle Weber, MS, RN

Bay Restoration Fund (BRF) Income Verification

Property Owner(s): _____

Mailing Address: _____

Telephone: _____

Property Location: _____

Tax Map: _____ Grid: _____ Parcel: _____ Section: _____ Block: _____ Lot: _____

Owner's Statement

By signing below, the owner(s) certifies that (check all that apply):

_____ I have supplied the Somerset County Health Department with records of
all income received in the _____ year.

_____ I was not required to file a _____ (year) Federal Income Tax Return.

All owners listed on the deed must sign below.

Owner's Signature: _____ Date: _____

Printed Name: _____

Owner's Signature: _____ Date: _____

Printed Name: _____

The above signature(s) certifies that the information provided on this form is true. Providing false, inaccurate or incomplete information, in order to receive funding from the State of Maryland, is considered fraud and may lead to criminal penalties.

Return completed form to: Somerset County Health Department
Environmental Health
8928 Sign Post Road
Westover, MD 21871

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

THIS AGREEMENT is made this _____ day of _____, in the year _____, among _____ hereinafter referred to as “Owner”, the Somerset 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 _____, in the _____ Election District of Somerset County, Maryland, and recorded in Somerset County land records Liber _____ Folio _____ and is referred to as Tax Map _____, Parcel _____, Lot _____, PID _____.

WHEREAS, the Bay Restoration Fund (BRF) may provide a grant for the cost attributable to upgrading an onsite sewage disposal system (OSDS) 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 OSDS and a system that utilizes the BAT for the removal of nitrogen.

NOW, THEREFORE, the parties hereto agree as follows:

- A. Owner hereby grants to the County and the Department 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 and/or County 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 that the manufacturer will provide for Operation and Maintenance of the BAT for a period of 2 years as a condition of sale of the BAT.
- D. Owner acknowledges and agrees that the manufacturer appointed Operation and Maintenance provided will have access to the BAT at all times.

- E. Owner acknowledges and agrees that following the initial 2-year period, a service contract for Operations and Maintenance of the BAT will be maintained during the lifetime of the system at the behest of the property owner.
- F. Owner acknowledges and agrees that the manufacturer or manufacturer's designee will have access to sample the effluent of the BAT system.
- G. Owner acknowledges and agrees that the proposed installation of a BAT system funded by the BRF is voluntary.
- H. Owner acknowledges and 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.
- I. 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.
- J. Owner acknowledges and agrees to 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.
- K. The County and/or Department agree to grant \$ _____ toward the cost of installation of the BAT system, and financial responsibility is limited to this amount. Operating costs will be at the Owner's expense.
- L. Owner acknowledges and agrees that the BRF grant can only be used for that portion of the OSDS attributable to (BAT) for the removal of nitrogen.
- M. Owner acknowledges and agrees to contact the County at least 48 hours prior to the installation, so that the County has the opportunity to be present at the time of installation or thereafter for inspection.
- N. Owner acknowledges and agrees that they must install the BAT system according to the manufacturer recommended plans and specifications approved by the Department.
- O. Owner acknowledges and agrees 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.
- P. This agreement shall run with the land and binds the Owner, their heirs, successors, assigns in title.
- Q. Owner agrees that they shall inform in writing any purchaser or lessee of the property that the system requires lifetime maintenance. Owner further agrees that they shall inform in writing any purchaser or lessee of the property that the system may require additional maintenance or other attention.
- R. Owner agrees to record this agreement in the land records of Somerset County.

- S. This agreement shall not be construed to limit any authority of the County and/or 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.
- T. This agreement may be voided at the discretion of the County and/or Department if the OSDS construction is not completed within three (3) months of the effective date of this agreement.
- U. 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.
- V. 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.

OWNER

DATE

Diane Waller
Somerset County Health Department

DATE

BAY RESTORATION FUND RANKING DOCUMENTATION February 23, 2024

VENDOR IN ASCENDING ORDER	COST OF PURCHASE, INSTALLATION AND 2 YEAR OPERATION MAINTENANCE	VERIFIED BY
Singular TNT	\$17,182	Vendor
Singular Green	\$17,362	Vendor
AquaKlear AK6S245	\$17,497	Vendor
BioMicrobics RetroFast**	\$18,132	Vendor
Fuji Clean CEN 5	\$18,221	Vendor
Hydro Action AN series	\$19,368	Vendor
Fuji Clean CEN 7	\$20,610	Vendor
Hoot BNR	\$22,295	Vendor
SeptiTech M400D	\$22,717	Vendor
AdvanTex AX20	\$23,687	Vendor
Advantex AX20RT	\$26,925	Vendor

All prices are Estimate Averages across Maryland and subject to change per county, contact Manufacturer.

The BRF Program no longer funds the non field verified systems for installation.

Price does not include electrical costs per year.

** RetroFast unit limited to households of 1-4 occupants with 3 bedrooms or less. Price includes use of new tank. For use of existing tank, manufacturer must certify tank suitable and watertight.

VENDOR IN DESCENDING ORDER	MEAN % REDUCTION TN (Using 60mg/L influent)	MEAN EFFLUENT CONCENTRATION	VERIFIED BY
Fuji Clean CEN 5	77%	14.1 mg/L	MDE
Fuji Clean CEN 7	77%	14.1 mg/L	MDE
Advantex AX20RT	76%	14.5 mg/L	MDE
AdvanTex AX20	71%	17 mg/L	MDE
SeptiTech M400D	67%	20 mg/L	MDE
Hydro Action AN series	66%	20.3 mg/L	MDE
Hoot BNR	64%	21 mg/L	MDE
BioMicrobics RetroFast**	58%	25.4 mg/L	MDE
Singular Green	55%	27 mg/L	MDE
Singular TNT	55%	27 mg/L	MDE
AquaKlear AK6S245	54%	27.5 mg/L	MDE

As the data for non-field verified systems is incomplete, MDE has classified the % reduction of TN and the Price per Pound of N Reduced for non-field verified systems as Deliberative Data.

** RetroFast unit limited to households of 1-4 occupants with 3 bedrooms or less.

VENDOR IN ASCENDING ORDER	PRICE PER POUND OF N REDUCED	VERIFIED BY
Fuji Clean CEN 5	\$101.12	MDE
Fuji Clean CEN 7	\$115.60	MDE
Hydro Action AN series	\$127.98	MDE
AquaKlear AK6S245	\$136.87	MDE
Singular TNT	\$140.17	MDE
AdvanTex AX20	\$139.13	MDE
Singular Green	\$141.52	MDE
BioMicrobics RetroFast**	\$144.44	MDE
Advantex AX20RT	\$147.49	MDE
Hoot BNR	\$151.11	MDE
SeptiTech M400D	\$156.51	MDE

Price per pound of N reduced equals (((Price of technology plus (increased electrical costs multiplied by Ten))divided by Ten) divided by (24.32 lbs of N per year multiplied by percent reduction of N by system)

As the data for non field verified systems is incomplete, MDE has classified the % reduction of TN and the Price per Pound of N Reduced for non field verified systems as Deliberative Data.

** RetroFast unit limited to households of 1-4 occupants with 3 bedrooms or less.

VENDOR IN ASCENDING ORDER	OPERATION AND MAINTENANCE PER YEAR AFTER THE 2 YEAR CONTRACT	MINIMUM NUMBER OF SITE VISITS PER YEAR*	VERIFIED BY
AdvanTex AX20	\$250.00	1	Vendor
Advantex AX20RT	\$250.00	1	Vendor
Fuji Clean CEN 5	\$350.00	2	Vendor
Fuji Clean CEN 7	\$350.00	2	Vendor
AquaKlear AK6S245	\$275.00	1	Vendor
BioMicrobics RetroFast**	\$275.00	1	Vendor
SeptiTech M400D	\$275.00	1	Vendor
Hoot BNR	\$250.00	1	Vendor
Singular TNT	\$350.00	2	Vendor
Singular Green	\$350.00	2	Vendor
Hydro Action AN series	\$250.00	1	Vendor

All prices are estimates and based on the 2-yr O&M BAT bid submitted to the State. Some prices have been rounded.

Prices are subject to change and may vary based on location. Contact manufacturer for O&M price details.

* Based off manufacturer-required service visits per year

Additional Charges may apply with certain manufacturers. It is the responsibility of the homeowner to contact the manufacturer for precise details of contract.

VENDOR IN ASCENDING ORDER	1 YEAR ELECTRICAL CONSUMPTION (represented as kW h/year)	INCREASED ELECTRICAL COSTS PER YEAR ASSUMING \$0.16 PER kW h	VERIFIED BY	For a list of vendors visit: https://mde.maryland.gov/programs/Water/BayRestorationFund/OnsiteDisposalSystems/Documents/BAT_CLASS_1.pdf
Advantex AX20RT	210.2 kWh/year	\$33.63	OSET NTP	Before selecting a technology for use on the property in question, please contact each vendor to verify the information is current and accurate. MDE is only a facilitator in presenting this information in accordance with HB347. MDE strongly advises that the applicant contact the vendor directly for more information.
Advantex AX20	210.2 kWh/year	\$33.63	OSET NTP	
AquaKlear AK6S245	298.7 kWh/ year	\$47.79	Vendor	Please contact the county Environmental Health Division for specific process on submitting an application For a list of county contact information, 410-537-3599
Fuji Clean CEN 5	446.7 kWh/year	\$71.47	Manufacturer	
Fuji Clean CEN 7	648.2 kWh/year	\$103.71	Manufacturer	Please contact the Maryland Department of the Environment for specific questions regarding becoming a Best Available Technology in Maryland. For MDE contact information, 410-537-3599
Hydro Action AN series	734.26 kWh/year	\$117.48	Pump Manufacturer	
Hoot BNR	765.77 kWh/ year	\$122.52	NSF International	RED Font = Technologies that have successfully completed Maryland's Bay Restoration Fund Field Verification process.
Singular TNT	979.66 kWh/ year	\$156.75	NAT Testing Lab	
Singular Green	979.66 kWh/year	\$156.75	NAT Testing Lab	
BioMicrobics RetroFast**	1401.6 kWh/year	\$224.26	Pump Manufacturer	
SeptiTech M400D	1741.05 kWh/year	\$278.57	Vendor	
\$0.16 is an assumed average kW h rate for Maryland 2024.				
** RetroFast unit limited to households of 1-4 occupants with 3 bedrooms or less.				
HydroAction utilizes a mixer pump during start up. Pump use is discontinued after start up. Usage data will vary after start-up period.				

Somerset							
		4/1/2025 - 12/31/2025	4/1/2025 - 12/31/2025	Year One	1/1/2026 - 12/31/2026	1/1/2026 - 12/31/2026	Year Two
	Septic Technology Name	Installation Only	Maintenance Only	Installation & Maintenance	Installation Only	Maintenance Only	Installation & Maintenance
Atlantic Solutions	AdvanTex AX20	\$25,800.00	\$250.00	\$26,050.00	\$27,290.00	\$250.00	\$27,540.00
Atlantic Solutions	Advantex AX20RT	\$29,400.00	\$250.00	\$29,650.00	\$31,110.00	\$250.00	\$31,360.00
Chesapeake Bay Septic Tank	Hydro Action AN Series	\$26,250.00	\$350.00	\$26,600.00	\$27,168.75	\$350.00	\$27,518.75
Dwayne C Jones	Fuji Clean Cen 5	\$19,002.00	\$200.00	\$19,202.00	\$19,502.00	\$200.00	\$19,702.00
Dwayne C Jones	Fuji Clean Cen 7	\$21,290.00	\$200.00	\$21,490.00	\$21,790.00	\$200.00	\$21,990.00
Mayer Bros.	Hoot 600 BNR	\$23,100.00	\$350.00	\$23,450.00	\$24,900.00	\$350.00	\$25,250.00
Oak Hill Construction	Hydro-Action AN Series	\$26,250.00	\$350.00	\$26,600.00	\$27,168.75	\$350.00	\$27,518.75
Towers Concrete	Norweco TNT-960/600gpd	\$16,300.00	\$350.00	\$16,650.00	\$16,300.00	\$350.00	\$16,650.00

**Certified Best Available Technology (BAT)
Septic Tank Installers in Somerset County, MD**

Norweco Singulair Systems

Beauchamp Brothers Construction (Barry Beauchamp)	(410) 548 - 3223
BL Phippin Construction (Barry Phippin)	(410) 430 - 3897
Bozman Sand & Gravel (Mark Bozman)	(443) 783 - 1988
Brannigan Thornton	(410) 251 - 3437
Doug Vann Excavating, Inc. (Doug Vann)	(443) 735 - 1125
Jimmy Landon Septic Service (Jimmy Landon)	(410) 430 - 0480
Jones Site Works (Chris Jones)	(443) 783 - 0121
King Excavation (A.J. King)	(443) 614 - 3608
Leon Johnson Septics (Leon Johnson)	(443) 497 - 3575
Lewis Construction (Winfred Lewis)	(410) 546 - 2199
Miller's Land Service Inc (Ryan Miller)	(443) 783 - 2018
2 Kuz (Bobby Reed)	(443) 497 - 0068

Hoot Systems

Beauchamp Brothers Construction (Barry Beauchamp)	(410) 548 - 3223
BL Phippin Construction (Barry Phippin)	(410) 430 - 3897
Briddell & Sons (Jimmy Briddell)	(410) 651 - 1588
Doug Vann Excavating, Inc. (Doug Vann)	(443) 735 - 1125
Leon Johnson Septics (Leon Johnson)	(443) 497 - 3575
Lewis Construction (Winfred Lewis)	(410) 546 - 2199

Advantex AX20 & RT Systems

Doug Vann Excavating, Inc. (Doug Vann)	(443) 735 - 1125
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Certified BAT Service Providers

AquaKlear Model:

Statewide:	BayStar Precast Corp.	410-977-3453
	Dwayne C Jones Contracting Inc	410-836-9206
Southern MD:	Outback Porta Jon	410-257-1600

Bio-Microbics Micro and Retro FAST Models:

Statewide:	BAT Onsite LLC	301-829-9047
	Dwayne C Jones Contracting Inc	410-836-9206
	Hydro-Terra Group	410-861-5376
	Raymond Harrison Septic Services	410-778-4806
	Tri-County Water	610-857-1740
Eastern Shore:	AJ Development LLC	302-604-8946
	Livingston Septic Service	410-745-2711
Southern MD:	Spek Septics	240-925-0085

Fuji Clean CEN-Series Models:

Statewide:	Bay Area Environmental	410-836-9206
	Tri-County Water	610-857-1740
Southern MD:	Spek Septics	240-925-0085

Hoot BNR and ANR Models:

Statewide:	BAT Onsite LLC	301-829-9047
	O.S.I.S. LLC	410-796-1434
Eastern Shore:	Raymond Harrison Septic Services	410-778-4806
Central MD:	Chavis Enterprises LLC	410-557-2455
	Fogle's Septic Clean, Inc	410-795-5670
	Pickles Service	301-514-7938
	Raymond Harrison Septic Services	410-778-4806
Western & Southern MD:	O.S.I.S. LLC	410-796-1434

Hydro-Action AN Series Model:

Statewide:	O.S.I.S. LLC	410-796-1434
	Outback Porta Jon	410-257-1600
	Sample Excavating Co Inc	443-807-8639

Orenco Advantex AX20 and RT Models:

Statewide:	Atlantic Solutions	877-214-9283
	BAT Onsite	301-829-9047
	Tri-County Water	610-857-1740
Eastern Shore:	Raymond Harrison Septic Services	410-778-4806
Western MD:	BYOC Enterprises	301-245-4322
Southern MD:	Outback Porta Jon	410-257-1600

SeptiTech M400 Models:

Statewide:	BAT Onsite	301-829-9047
Eastern Shore:	Raymond Harrison Septic Services	410-778-4806
Central MD:	C6 Environmental	410-776-4971
	Chavis Enterprises LLC	410-557-2455
	Dwayne C Jones Contracting Inc	410-836-9206
	Raymond Harrison Septic Services	410-778-4806
Western & Southern MD:	Dwayne C Jones Contracting Inc	410-836-9206
Southern MD:	Spek Septics	240-925-0085

Norweco Singulair TNT & Green Models:

Statewide:	BAT Onsite	301-829-9047
	Tri-County Water	610-857-1740
	Chesapeake Operations	410-546-1318
Eastern Shore:	Jones Site Work	443-783-0121
	Smiley's Septic Services	410-739-6635
	Towers Concrete Products Inc	410-479-0914
Central MD:	C6 Environmental	410-776-4971
	C&L Excavating LLC (443) 640-6011	410-365-5032
	Chavis Enterprises LLC	410-557-2455
	Dwayne C Jones Contracting Inc	410-836-9206
	Earl E. Preston Jr. Inc	410-557-8100
	Freedom Septic	410-795-2947
	Hatfields Equipment Inc	301-490-4289
	Legacy Septic & Excavation	410-840-8766
	Michael Septic Service	410-833-0108
	Pickles Service	301-514-7938
	Sams Creek	443-821-4932
	Simon's Backhoe	301-418-5880
	Westminster Septic Service	410-775-8890
Western MD:	Blue Ridge Environmental LLC	304-290-6972
	BYOC Enterprises	301-245-4322
	C.R. Semler	301-416-0414
	Sams Creek	443-821-4932
	Piles Concrete Products Co Inc	814-445-6619
Southern MD:	Cullison Excavating	301-994-1616
	Spek Septic	240-925-0085
	Superior Septic Tank	301-274-3772
	Wayne's Drains & Backhoe Service	301-884-5592

If you have a unit not included on this list, or you do not know which type of unit you have, please contact the MDE On-site Systems Division for more information at 410-537-3599.

Last updated: 4/1/25