

Somerset County Health Department

8928 Sign Post Road, Suite 2, Westover, Maryland 21871 443.523.1700 - Fax 410.651.5680 - TDD 1-800-735-2258

Health Officer: Danielle Weber, MS, RN

BAY RESTORATION FUND – APPLICATION FOR FINANCIAL ASSISTANCE

Property Owner:		 Telephone:	
Mailing Address:			
Location of Property: _			
		PID:	
Building Type (please s		 	

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

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

- D 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
- D Other, including new construction, in the Chesapeake Bay Critical Area
- D 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:



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Bay Restoration Fund (BRF) Income Verification

Property Owner(s):		
Mailing Address:		
Telephone:		
Property Location:		
Tax Map: Grid: Pa	rcel: Section:	Block: Lot:
Owner's Statement		
By signing below, the owner(s) cer	tifies that (check all that app	ly):
	Somerset County Health Dep in the year.	artment with records of
I was not required to	o file a (year) Federa	l Income Tax Return.
All owners listed on the deed mu	ıst sign below.	
Owner's Signature:		Date:
Printed Name:		-
Owner's Signature:		Date:
Printed Name:		-
The above signature(s) certifies the false, inaccurate or incomplete in Maryland, is considered fraud and	formation, in order to receive	funding from the State of
Return completed form to:	Somerset County Health De Environmental Health 8928 Sign Post Road Westover, MD 21871	epartment

Affirmative Action and Equal Opportunity Employer and Provider



Health Officer: Danielle Weber, MS, RN

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 own	ns a tract of land located	d on	,
in the	Election District c	of Somerset Cou	inty, Maryland, and recorded
in Somerset County la	nd records Liber	Folio	and is referred to as
Tax Map, Paro	cel, 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 party 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	VENDOR IN DESCENDING ORDER	MEAN % REDUCTION TN (Using 60mg/L influent)	MEAN EFFLUENT CONCENTRATION	VERIFIED BY
Singulair TNT	\$17,182	Vendor	Fuji Clean CEN 5	77%	14.1 mg/L	MDE
Singulair Green	\$17,362	Vendor	Fuji Clean CEN 7	77%	14.1 mg/L	<u>MDE</u>
AquaKlear AK6S245	\$17,497	Vendor	Advantex AX20RT	76%	14.5 mg/L	MDE
BioMicrobics RetroFast**	\$18,132	Vendor	AdvanTex AX20	71%	17 mg/L	MDE
Fuji Clean CEN 5	\$18,221	Vendor	SeptiTech M400D	67%	20 mg/L	<u>MDE</u>
Hydro Action AN series	\$19,368	Vendor	Hydro Action AN series	66%	20.3 mg/L	MDE
Fuji Clean CEN 7	\$20,610	Vendor	Hoot BNR	64%	21 mg/L	<u>MDE</u>
Hoot BNR	\$22,295	Vendor	BioMicrobics RetroFast**	58%	25.4 mg/L	<u>MDE</u>
SeptiTech M400D	\$22,717	Vendor	Singulair Green	55%	27 mg/L	<u>MDE</u>
AdvanTex AX20	\$23,687	Vendor	Singulair TNT	55%	27 mg/L	<u>MDE</u>
Advantex AX20RT	\$26,925	Vendor	AquaKlear AK6S245	54%	27.5 mg/L	MDE
Price does not include electrical costs per year. 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. Price includes use of new tank. For use of existing tank, manufacturer must certify tank suitable and watertight. ** RetroFast unit limited to households of 1-4 occupants with 3 bedrooms or less.						
tank. For use of existing tan	k, manufacturer must certify tank s	uitable and watertight.	** RetroFast unit lin	OPERATION AND		
tank. For use of existing tan	k, manufacturer must certify tank s PRICE PER POUND OF N REDUCED	VERIFIED BY	VENDOR IN ASCENDING ORDER		MINIMUM NUMBER OF SITE VISITS PER YEAR*	VERIFIED BY
	PRICE PER POUND OF N			OPERATION AND MAINTENANCE PER YEAR AFTER THE 2	MINIMUM NUMBER OF SITE VISITS PER	
VENDOR IN ASCENDING ORDER	PRICE PER POUND OF N REDUCED	VERIFIED BY	VENDOR IN ASCENDING ORDER	OPERATION AND MAINTENANCE PER YEAR AFTER THE 2 YEAR CONTRACT	MINIMUM NUMBER OF SITE VISITS PER	VERIFIED BY
VENDOR IN ASCENDING ORDER Fuji Clean CEN 5	PRICE PER POUND OF N REDUCED \$101.12	VERIFIED BY MDE	VENDOR IN ASCENDING ORDER AdvanTex AX20	OPERATION AND MAINTENANCE PER YEAR AFTER THE 2 YEAR CONTRACT \$250.00	MINIMUM NUMBER OF SITE VISITS PER YEAR* 1	VERIFIED BY Vendor
VENDOR IN ASCENDING ORDER Fuji Clean CEN 5 Fuji Clean CEN 7 Hydro Action AN series AquaKlear AK6S245	PRICE PER POUND OF N REDUCED \$101.12 \$115.60 \$127.98 \$136.87	VERIFIED BY MDE MDE MDE MDE MDE	VENDOR IN ASCENDING ORDER AdvanTex AX20 Advantex AX20RT Fuji Clean CEN 5 Fuji Clean CEN 7	OPERATION AND MAINTENANCE PER YEAR AFTER THE 2 YEAR CONTRACT \$250.00 \$350.00 \$350.00 \$350.00	MINIMUM NUMBER OF SITE VISITS PER YEAR* 1 1	VERIFIED BY Vendor Vendor Vendor Vendor
VENDOR IN ASCENDING ORDER Fuji Clean CEN 5 Fuji Clean CEN 7 Hydro Action AN series AquaKlear AK6S245 Singulair TNT	PRICE PER POUND OF N REDUCED \$101.12 \$115.60 \$127.98 \$136.87 \$140.17	VERIFIED BY MDE MDE MDE MDE MDE MDE	VENDOR IN ASCENDING ORDER AdvanTex AX20 Advantex AX20RT Fuji Clean CEN 5 Fuji Clean CEN 7 AquaKlear AK6S245	OPERATION AND MAINTENANCE PER YEAR AFTER THE 2 YEAR CONTRACT \$250.00 \$250.00 \$350.00 \$350.00 \$275.00	MINIMUM NUMBER OF SITE VISITS PER YEAR* 1 1 2	VERIFIED BY Vendor Vendor Vendor Vendor Vendor
VENDOR IN ASCENDING ORDER Fuji Clean CEN 5 Fuji Clean CEN 7 Hydro Action AN series AquaKlear AK6S245 Singulair TNT Advan Tex AX20	PRICE PER POUND OF N REDUCED \$101.12 \$115.60 \$127.98 \$136.87 \$140.17 \$139.13	VERIFIED BY MDE MDE MDE MDE MDE MDE MDE	VENDOR IN ASCENDING ORDER AdvanTex AX20 Advantex AX20RT Fuji Clean CEN 5 Fuji Clean CEN 7 AquaKlear AK6S245 BioMicrobics RetroFast**	OPERATION AND MAINTENANCE PER YEAR AFTER THE 2 YEAR CONTRACT \$250.00 \$250.00 \$350.00 \$350.00 \$275.00 \$275.00	MINIMUM NUMBER OF SITE VISITS PER YEAR* 1 1 2	VERIFIED BY Vendor Vendor Vendor Vendor Vendor Vendor
VENDOR IN ASCENDING ORDER Fuji Clean CEN 5 Fuji Clean CEN 7 Hydro Action AN series AquaKlear AK6S245 Singulair TNT AdvanTex AX20 Singulair Green	PRICE PER POUND OF N REDUCED \$101.12 \$115.60 \$127.98 \$136.87 \$140.17 \$139.13 \$141.52	VERIFIED BY MDE MDE MDE MDE MDE MDE MDE MDE	VENDOR IN ASCENDING ORDER AdvanTex AX20 Advantex AX20RT Fuji Clean CEN 5 Fuji Clean CEN 7 Aquaklear AK6S245 BioMicrobics RetroFast** SeptiTech M400D	OPERATION AND MAINTENANCE PER YEAR AFTER THE 2 YEAR CONTRACT \$250.00 \$350.00 \$350.00 \$350.00 \$275.00 \$275.00	MINIMUM NUMBER OF SITE VISITS PER YEAR* 1 1 2	VERIFIED BY Vendor Vendor Vendor Vendor Vendor Vendor Vendor
VENDOR IN ASCENDING ORDER Fuji Clean CEN 5 Fuji Clean CEN 7 Hydro Action AN series AquaKlear AK6S245 Singulair TNT AdvanTex AX20 Singulair Green BioMicrobics RetroFast**	PRICE PER POUND OF N REDUCED \$101.12 \$115.60 \$127.98 \$136.87 \$140.17 \$139.13 \$141.52 \$144.44	VERIFIED BY MDE MDE MDE MDE MDE MDE MDE MDE MDE MDE	VENDOR IN ASCENDING ORDER AdvanTex AX20 Advantex AX20RT Fuji Clean CEN 5 Fuji Clean CEN 7 Aquaklear AK6S245 BioMicrobics RetroFast** SeptiTech M400D Hoot BNR	OPERATION AND MAINTENANCE PER YEAR AFTER THE 2 YEAR CONTRACT \$250.00 \$350.00 \$350.00 \$350.00 \$275.00 \$275.00 \$275.00 \$275.00 \$2250.00	MINIMUM NUMBER OF SITE VISITS PER YEAR* 1 1 2 2 2 1 1 1 1 1 1 1 1	VERIFIED BY Vendor Vendor Vendor Vendor Vendor Vendor Vendor Vendor
VENDOR IN ASCENDING ORDER Fuji Clean CEN 5 Fuji Clean CEN 7 Hydro Action AN series AquaKlear AK6S245 Singulair TNT AdvanTex AX20 Singulair Green BioMicrobics RetroFast** Advantex AX20RT	PRICE PER POUND OF N REDUCED \$101.12 \$115.60 \$127.98 \$136.87 \$140.17 \$139.13 \$141.52 \$144.44 \$147.49	VERIFIED BY MDE MDE MDE MDE MDE MDE MDE MDE MDE MDE	VENDOR IN ASCENDING ORDER AdvanTex AX20 Advantex AX20RT Fuji Clean CEN 5 Fuji Clean CEN 7 AquaKlear AK6S245 BioMicrobics RetroFast** SeptiTech M400D Hoot BNR Singulair TNT	OPERATION AND MAINTENANCE PER YEAR AFTER THE 2 YEAR CONTRACT \$250.00 \$350.00 \$350.00 \$275.00 \$275.00 \$275.00 \$275.00 \$250.00 \$350.00	MINIMUM NUMBER OF SITE VISITS PER YEAR* 1 1 2 2 2 1 1 1 1 1 1 1 2 2	VERIFIED BY Vendor Vendor Vendor Vendor Vendor Vendor Vendor Vendor
VENDOR IN ASCENDING ORDER Fuji Clean CEN 5 Fuji Clean CEN 7 Hydro Action AN series AquaKlear AK6S245 Singulair TNT AdvanTex AX20 Singulair Green BioMicrobics RetroFast** Advantex AX20RT Hoot BNR	PRICE PER POUND OF N REDUCED \$101.12 \$115.60 \$127.98 \$136.87 \$139.13 \$141.52 \$144.44 \$147.49 \$151.11	VERIFIED BY MDE MDE MDE MDE MDE MDE MDE MDE MDE MDE	VENDOR IN ASCENDING ORDER AdvanTex AX20 Advantex AX20RT Fuji Clean CEN 5 Fuji Clean CEN 7 Aquaklear AK6S245 BioMicrobics RetroFast** SeptiTech M400D Hoot BNR Singulair TNT Singulair Green	OPERATION AND MAINTENANCE PER YEAR AFTER THE 2 YEAR CONTRACT \$250.00 \$350.00 \$350.00 \$350.00 \$275.00 \$275.00 \$275.00 \$275.00 \$250.00 \$350.00 \$350.00	MINIMUM NUMBER OF SITE VISITS PER YEAR* 1 1 2 2 2 1 1 1 1 1 1 1 1	VERIFIED BY Vendor Vendor Vendor Vendor Vendor Vendor Vendor Vendor Vendor Vendor
VENDOR IN ASCENDING ORDER Fuji Clean CEN 5 Fuji Clean CEN 7 Hydro Action AN series AquaKlear AK6S245 Singulair TNT AdvanTex AX20 Singulair Green BioMicrobics RetroFast** Advantex AX20RT	PRICE PER POUND OF N REDUCED \$101.12 \$115.60 \$127.98 \$136.87 \$140.17 \$139.13 \$141.52 \$144.44 \$147.49	VERIFIED BY MDE MDE MDE MDE MDE MDE MDE MDE MDE MDE	VENDOR IN ASCENDING ORDER AdvanTex AX20 Advantex AX20RT Fuji Clean CEN 5 Fuji Clean CEN 7 AquaKlear AK6S245 BioMicrobics RetroFast** SeptiTech M400D Hoot BNR Singulair TNT	OPERATION AND MAINTENANCE PER YEAR AFTER THE 2 YEAR CONTRACT \$250.00 \$350.00 \$350.00 \$275.00 \$275.00 \$275.00 \$275.00 \$250.00 \$350.00	MINIMUM NUMBER OF SITE VISITS PER YEAR* 1 1 2 2 2 1 1 1 1 1 1 1 2 2	VERIFIED BY Vendor Vendor Vendor Vendor Vendor Vendor Vendor Vendor
VENDOR IN ASCENDING ORDER Fuji Clean CEN 5 Fuji Clean CEN 7 Hydro Action AN series AquaKlear AK6S245 Singulair TNT AdvanTex AX20 Singulair Green BioMicrobics RetroFast** Advantex AX20RT Hoot BNR SeptiTech M400D rice per pound of N reduced equals	PRICE PER POUND OF N REDUCED \$101.12 \$115.60 \$127.98 \$136.87 \$139.13 \$141.52 \$144.44 \$147.49 \$151.11	VERIFIED BY MDE MDE MDE MDE MDE MDE MDE MDE MDE MDE	VENDOR IN ASCENDING ORDER AdvanTex AX20 Advantex AX20RT Fuji Clean CEN 5 Fuji Clean CEN 7 Aquaklear AK6S245 BioMicrobics RetroFast** SeptiTech M400D Hoot BNR Singulair TNT Singulair Green Hydro Action AN series All prices are estimates and based or Prices are subject to change ar	OPERATION AND MAINTENANCE PER YEAR AFTER THE 2 YEAR CONTRACT \$250.00 \$350.00 \$350.00 \$275.00 \$275.00 \$275.00 \$275.00 \$250.00 \$350.00 \$350.00 \$350.00 \$350.00 \$350.00 \$350.00 \$350.00	MINIMUM NUMBER OF SITE VISITS PER YEAR* 1 1 2 2 1 1 1 1 1 2 2 2 1 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 2 2 1 1 2 2 1 1 1 2 2 1 1 1 1 2 1 2 1	VERIFIED BY Vendor Vendor Vendor Vendor Vendor Vendor Vendor Vendor Vendor Vendor vendor vendor
VENDOR IN ASCENDING ORDER Fuji Clean CEN 5 Fuji Clean CEN 7 Hydro Action AN series AquaKlear AK6S245 Singulair TNT AdvanTex AX20 Singulair Green BioMicrobics RetroFast** Advantex AX20RT Hoot BNR SeptiTech M400D rice per pound of N reduced equals en))divided by Ten] divided by (24.3 the data for non field verified system	PRICE PER POUND OF N REDUCED \$101.12 \$115.60 \$127.98 \$136.87 \$139.13 \$140.17 \$139.13 \$141.52 \$141.52 \$144.44 \$151.11 \$156.51 [((Price of technology plus (increas))	VERIFIED BY MDE MDE MDE MDE MDE MDE MDE MDE	VENDOR IN ASCENDING ORDER AdvanTex AX20 Advantex AX20RT Fuji Clean CEN 5 Fuji Clean CEN 7 Aquaklear AK6S245 BioMicrobics RetroFast** SeptiTech M400D Hoot BNR Singulair TNT Singulair Green Hydro Action AN series All prices are estimates and based or Prices are subject to change ar	OPERATION AND MAINTENANCE PER YEAR AFTER THE 2 YEAR CONTRACT \$250.00 \$350.00 \$350.00 \$275.00 \$275.00 \$275.00 \$275.00 \$250.00 \$350.00 \$	MINIMUM NUMBER OF SITE VISITS PER YEAR* 1 1 2 2 1 1 1 1 1 2 2 2 1 1 1 1 2 2 1 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 2 2 1 1 1 1 2 2 1	VERIFIED BY Vendor Vendor Vendor Vendor Vendor Vendor Vendor Vendor Vendor Vendor vend

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: <u>https://mde.maryland.gov/programs/Water/BayRestorationFund/OnsiteDisposalS</u> <u>ystems/Documents/BAT_CLASS_I.pdf</u>
Advantex AX20RT	210.2 kWh/year	\$33.63	OSET NTP	Before selecting a technology for use on the property in question, please contact
Advantex AX20	210.2 kWh/year	\$33.63	OSET NTP	each vendor to verify the information is current and accurate. MDE is only a
AquaKlear AK6S245	298.7 kWh/ year	\$47.79	Vendor	facilitator in presenting this information in accordance with HB347. MDE strongly
Fuji Clean CEN 5	446.7 kWh/year	\$71.47	Manufacturer	advises that the applicant contact the vendor directly for more information.
Fuji Clean CEN 7	648.2 kWh/year	\$103.71	Manufacturer	Please contact the county Environmental Health Division for specific process on
Hydro Action AN series	734.26 kWh/year	\$117.48	Pump Manufacturer	submitting an application
Hoot BNR	765.77 kWh/ year	\$122.52	NSF International	For a list of county contact information, 410-537-3599
Singulair TNT	979.66 kWh/ year	\$156.75	NAT Testing Lab	Disease contract the Mandand Department of the Environment for exercitie
Singulair Green	979.66 kWh/year	\$156.75	NAT Testing Lab	Please contact the Maryland Department of the Environment for specific questions regarding becoming a Best Available Technology in Maryland.
BioMicrobics RetroFast**	1401.6 kWh/year	\$224.26	Pump Manufacturer	questions regarding becoming a best Available rechnology in Maryland.
SeptiTech M400D	1741.05 kWh/year	\$278.57	Vendor	For MDE contact information, 410-537-3599
	\$0.16 is an assumed avera	ge kW h rate for Maryland 2024.		-
** Re	etroFast unit limited to household	_		
HydroAction utilizes a mixer pump during start up. Pump use is discontinued after start up. Usage data will vary after start-up period.			RED Font = Technologies that have successfully completed Maryland's Bay Restoration Fund Field Verification process.	

D TABULATION - IFB 20	D21 : FY25 PRICIN		, 2024								
		BioMicrobics					Norweco	NORWECO			
BAT SYSTEM	AQUAKLEAR	Retrofast	FUJI CEN 5	FUJI CEN 7	HOOT 600 BNR	HYDROACTION AN	Singulair TNT	GREEN	Advantex AX20	Advantex AXRT	SEPTITECH
Nitrogen Removal %	54%	57%	77%	77%	64%	66%	55%	55%	71%	76%	67%
Dorchester County											
Bid \$	\$ 17,451	\$ 19,530	\$ 18,341	\$ 20,735 \$	22,239	\$ 19,908	\$ 16,128	\$ 16,128	\$ 23,764	\$ 26,999	\$ 22,680
\$/lb factor	32,317	34,263	23,819	26,928	34,748	30,164	29,324	29,324	33,470	35,525	33,851
Lowest \$/lb Rank	6	9	1	2	10	5	-				8
2-yr O&M \$ in Bid			400	400 \$						•	
Max BAT PMT by Co.* \$	\$ 17,151 \$	\$ 19,280	\$ 18,141	\$ 20,535 \$	21,914	\$ 19,658	\$ 15,828	\$ 15,828	\$ 23,564	\$ 26,799	\$ 22,430
Vendor Name	Baystar Precast	Gillespie & Sons	Dwayne C Jones	Dwayne C Jones	Mayer Bros	Outback Porta Jon	Towers Concrete	Towers Concrete	Atlantic Solutions	Atlantic Solutions	Gillespie & Sons
Somerset County											
Bid 😫	\$ 17,451	None	\$ 18,502	\$ 20,890 \$	22,428	None	\$ 16,128	\$ 16,128	\$ 24,394	\$ 27,629	None
\$/lb factor	32,317		24,028	27,129	35,044		29,324	29,324	34,357	36,354	
Lowest \$/lb Rank	5		1	2	7		3	3	6	8	
2-yr O&M \$ in Bid	\$ 600		\$ 400	\$ 400 \$	650		\$ 600	\$ 600	\$ 400	\$ 400	
Max BAT PMT by Co.* 💲	\$ 17,151		\$ 18,302	\$ 20,690 \$	22,103		\$ 15,828	\$ 15,828	\$ 24,194	\$ 27,429	
Vendor Name	Baystar Precast	Gillespie & Sons	Dwayne C Jones	Dwayne C Jones	Mayer Bros	Sample Excavating	Towers Concrete	Towers Concrete	Atlantia Calutiana	Atlantic Solutions	Cilleonia & Cono
Wicomico County	Baystar Precast	Gillespie & Sons	Dwayne C Jones	Dwayne C Jones	iviayer Bros	Sample Excavating	Towers concrete	Towers Concrete	Atlantic Solutions	Atlantic Solutions	Gillespie & Sons
,		÷ 20.024	ć 40.502	ć 20.000 ć	22.270	N1 / A	¢ 46.430	¢ 46.420	¢ 24.046	¢ 27.254	ć 22.404
؛ Bid \$/lb factor	\$. ,				N/A	\$ 16,128 29,324	• •			\$ 23,184 34,603
5/10 Tactor Lowest \$/lb Rank	32,317	35,147	24,028 1	27,129 2	34,965 8		29,324	29,324			34,603
2-yr O&M \$ in Bid	-	5			-		\$ 600	-			\$ 500
Max BAT PMT by Co.*							\$ 15,828	•	•	•	•
Wax BATTIVIT by CO.	, 17,151	, 15,764	Ş 10,302	ç 20,030 ç	22,035		Ş 15,020	Ş 15,620	25,610	\$ 27,031	Ş 22,334
Vendor Name B	aystar Precast	Gillespie & Sons	Dwayne C Jones	Dwayne C Jones	Mayer Bros	Sample Excavating	Towers Concrete	Towers Concrete	Atlantic Solutions	Atlantic Solutions	Gillespie & Sons
Worcester County											
Bid \$	\$ 17,451	\$ 20,286	\$ 18,502	\$ 20,890 \$	22,428	N/A	\$ 16,128	\$ 16,128	\$ 24,016	\$ 27,251	\$ 23,436
\$/lb factor	32,317	35,589	24,028	27,129	35,044		29,324	29,324	33,825	35,857	34,979
Lowest \$/lb Rank	5	9	1	2	8		3	3	6	10	7
2-yr O&M \$ in Bid \$	\$ 600 \$	\$ 500	\$ 400	\$ 400 \$	650		\$ 600	\$ 600	\$ 400	\$ 400	\$ 500
Max BAT PMT by Co.*	\$ 17,151	\$ 20,036	\$ 18,302	\$ 20,690 \$	22,103		\$ 15,828	\$ 15,828	\$ 23,816	\$ 27,051	\$ 23,186
Vendor Name B	aystar Precast	Gillespie & Sons	Dwayne C Jones	Dwayne C Jones	Mayer Bros	Sample Excavating	Towers Concrete	Towers Concrete	Atlantic Solutions	Atlantic Solutions	Gillespie & Sons



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Health Officer: Danielle Weber, MS, RN

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)	<u>(</u> 443) 783 - 2018
2 Kuz (Bobby Reed)	(443) 497 - 0068

Hoot Systems

Advantex AX20 & RT Systems	
Lewis Construction (Winfred Lewis)	<u>(</u> 410) 546 - 2199
Leon Johnson Septics (Leon Johnson)	(443) 497 - 3575
Doug Vann Excavating, Inc. (Doug Vann)	(443) 735 - 1125
Briddell & Sons (Jimmy Briddell)	(410) 651 - 1588
BL Phippin Construction (Barry Phippin)	(410) 430 - 3897
Beauchamp Brothers Construction (Barry Beauchamp)	. (410) 548 - 3223

Doug Vann Excavating, Inc. (Doug Vann)	(443) 735 - 1125

Affirmative Action and Equal Opportunity Employer and Provider

Certified BAT Service Providers

AquaKlear Model:		
Statewide:	BayStar Precast Corp. Dwayne C Jones Contracting Inc	410-977-3453 410-836-9206
Southern MD:	Outback Porta Jon	410-257-1600
Bio-Microbics Micro and Retro FAST Mod	els:	
Statewide:	BAT Onsite LLC Dwayne C Jones Contracting Inc Hydro-Terra Group Raymond Harrison Septic Services Tri-County Water	301-829-9047 410-836-9206 410-861-5376 410-778-4806 610-857-1740
Eastern Shore:	AJ Development LLC Livingston Septic Service	302-604-8946 410-745-2711
Fuji Clean CEN-Series Models:		
Statewide:	Bay Area Environmental Tri-County Water	410-836-9206 610-857-1740
Hoot BNR and ANR Models:		
Statewide:	BAT Onsite LLC O.S.I.S. LLC	301-829-9047 410-796-1434
Eastern Shore:	Raymond Harrison Septic Services	410-778-4806
Central MD:	Chavis Enterprises LLC Dwayne C Jones Contracting Inc Fogle's Septic Clean, Inc Pickles Service Raymond Harrison Septic Services	410-557-2455 410-836-9206 410-795-5670 301-514-7938 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 Outback Porta Jon Sample Excavating Co Inc	410-796-1434 410-257-1600 443-807-8639
Orenco Advantex AX20 and RT Models:		
Statewide:	Atlantic Solutions BAT Onsite Tri-County Water	877-214-9283 301-829-9047 610-857-1740
Eastern Shore:	Raymond Harrison Septic Services	410-778-4806
Central MD:	Dwayne C Jones Contracting Inc	410-836-9206
Western MD:	BYOC Enterprises	301-245-4322
Southern MD:	Dwayne C Jones Contracting Inc Outback Porta Jon	410-836-9206 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 Chavis Enterprises LLC Dwayne C Jones Contracting Inc Raymond Harrison Septic Services	410-776-4971 410-557-2455 410-836-9206 410-778-4806
Western & Southern MD:	Dwayne C Jones Contracting Inc	410-836-9206
Norweco Singulair TNT & Green Models:		
Statewide:	BAT Onsite Tri-County Water	301-829-9047 610-857-1740
Eastern Shore:	Elvin Schrock and Sons Inc Jones Site Work Towers Concrete Products Inc Smiley's Septic Services	302-349-4384 443-783-0121 410-479-0914 410-739-6635
Central MD:	C6 Environmental C&L Excavating LLC (443) 640-6011 Chavis Enterprises LLC Dwayne C Jones Contracting Inc Earl E. Preston Jr. Inc Freedom Septic Hatfields Equipment Inc Legacy Septic & Excavation Michael Septic Service Pickles Service Simon's Backhoe Westminster Septic Service	410-776-4971 410-365-5032 410-557-2455 410-836-9206 410-557-8100 410-795-2947 301-490-4289 410-840-8766 410-833-0108 301-514-7938 301-418-5880 410-775-8890
Western MD:	Blue Ridge Environmental LLC BYOC Enterprises C.R. Semler Piles Concrete Products Co Inc	304-290-6972 301-245-4322 301-416-0414 814-445-6619
Southern MD:	Cullison Excavating Dwayne C Jones Contracting Inc Spek Septic Superior Septic Tank	301-994-1616 410-836-9206 240-925-0085 301-274-3772

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.