## Maryland's Marine Sewage



## **Pumpout Grant Application**









Maryland Department of Natural Resources Chesapeake and Coastal Service 580 Taylor Avenue, E-2 Annapolis, Maryland 21401

Contact Information:
Toll Free in Maryland 1-877-620-8DNR xt. 8772 or 410-260-8772
Web: dnr.maryland.gov/boating
Program Manager Email: pumpouts.dnr@maryland.gov









This program is funded by boaters, through the Clean Vessel Act Program (CVA), U.S. Fish & Wildlife Service and through State Waterway Improvement Funds.

### **Understanding the Pumpout Grant Program**

### Thank You!

The Department of Natural Resources (DNR) would like to thank you for beginning the process that will result in your marina having a marine sewage pumpout facility, or as it is more commonly known, a "pumpout station." We appreciate your participation in this program and our staff stands ready to assist you in any way we can. Marinas that install these systems provide boaters with a proper method of disposing of their sewage and thus contribute to protecting Maryland waters.

Per CFR §200.331 Requirements

CFDA Number: 15.616 Clean Vessel Act Funding via U.S. Fish and Wildlife Service

Federal Award Date: 7/1/2023. This funding is not R & D. This project is a sub-award to approved applicants from the

Department of Natural Resources from Clean Vessel Act grant award F23AP03091-00

### What is the Pumpout Grant Program and How Much is Available?

This program is **funded by boaters** through the <u>Sport Fish Restoration and Boating Trust Fund</u> (75%) with matching funds from the Maryland Waterway Improvement Fund (25%). A portion of taxes boaters pay on new boats, fishing tackle, and fuel go into the national Trust Fund and boaters pay into the state Waterway Improvement Fund when they pay excise tax on a boat in Maryland. DNR receives grants from U.S. Fish and Wildlife Service, and we provide sub-grants to marinas for pumpouts. **Therefore, there are some conditions involved in accepting the grants--see the last two pages of this document.** 

Essentially, Maryland's pumpout grant program allows a marina to receive a reimbursement of up to \$20,000 for the purchase and installation of a pumpout. Installing such a system at your marina will give boaters a proper method of disposing of their sewage and thus prevent it from entering Maryland's waters. If you are interested in upgrading or replacing your current system there is additional funding available up to \$18,000. Exceptions to these limits are considered on a case by case basis.

### **Other Frequently Asked Questions**

This program's basic requirements are contained in the grant contract, however, we thought it would be useful to answer some of the most commonly asked questions. If you have more questions, please call us at (410) 260-8772. We will be happy to help you with any questions or concerns.

### 1) What pumpout would be best for my marina?

Because DNR is a state agency, we cannot recommend any particular system. We are happy, however, to discuss your marina's situation with you and to offer you general guidance. Note-DNR staff are not engineers or plumbers. We only ask that whatever system you select have the capability of pumping out boat holding tanks and properly disposing of portable toilet waste (required by state law below). Acceptable choices include systems with portable toilet dump stations (that work essentially like toilets) and systems with wand attachments (that pump out the portable toilets).

Before you select a system, we also suggest that you review the plans for your pumpout installation with a couple of different equipment representatives and receive assurance (preferably in writing) that it will perform "as advertised" at your marina (with particular concern to the distance the sewage will be pumped, the number of turns, and any vertical pump distance). Given the environment the pumpout will be placed in, rust prevention and winterization requirements are also concerns. Although the number of choices for systems may appear overwhelming at first, help in making a decision is available from the equipment vendors and other marina owners that have previously obtained pumpouts. If you are interested you can also review a study done by Underwriters Laboratories that tested different pumpout units from a variety of manufacturers. This study can be obtained by visiting our website at <a href="mailto:dnr.maryland.gov/Boating/Pages/pumpout/home.aspx">dnr.maryland.gov/Boating/Pages/pumpout/home.aspx</a>. Believe it or not, before you know it, you'll be the expert and people will be asking you!

### 2) Is my marina required to have a pumpout station?

Maybe. The Maryland Annotated Code, Environment Article §9-333 states: "By July 1, 1997 a marina that berths any vessel that is over 22 feet in length and has 50 or more slips shall have a pump-out facility and a waste reception facility on-site that is operable, adequate to handle any existing and increased flows, and accessible at reasonable times."

### 3) What permits are needed to install a pumpout?

The waste disposal method for the sewage must be approved by the Maryland Department of the Environment (MDE) and

the local jurisdication (town or county)--typically the health department. Additionally, in most cases plumbing and electrical permits are required from the local jurisdiction for the work required to install a new pumpout station.

### 4) How do I get approval from DNR for a pumpout grant?

DNR accepts sub-grant applications that contain the items shown on page 4 and that are approved by the local health department and the Maryland Department of the Environment. Our grant manager will assist you in obtaining the necessary approvals. Federal rules also require that DNR conduct a risk assessment on our applicants, which is explained on page 4 as well.

### 5) Can I get a portable pumpout? What about slip side pumpouts?

Portable pumpouts are eligible for grant funding but marinas are limited to charging \$5 per pumpout, just as with stationary pumpouts. Slip-side pumpout systems are rarely approved because they usually benefit only marina slipholders and not the general boating public. If you are interested in such a system, call the grant manager to discuss it at 410-260-8772.

### 6) What are the different installation options available? Can I use in-house labor to install it?

Installation labor most often is an issue in new, "first-time" pumpout projects. Not all contractors do both plumbing and electrical work, and some marinas are located in rural areas, where it may be difficult to obtain bids. Therefore, all marinas have a choice whether to have contractors do the labor or to do the labor in-house. If contractors do the labor, then competitive bids are required as noted below.

When one contractor is going to complete the entire installation, then three competitive bids are required. If two or more contractors are to be used (to complete different portions of the installation), then at least two competitive bids are required for each portion to be completed by a contractor. For example, if both a plumber and an electrician are required, then at least two plumbing bids and two electrical bids should be obtained.

Concerning labor that is completed in-house, the basic rule is that DNR only reimburses marinas for approved out-of-pocket expenses specific and necessary to the installation of a pumpout (such as the salaries of marina employees for the time spent on the project). We do not reimburse for any "mark-up" such as you would charge a customer and proper documentation/ proof of payment to the employee(s) is required prior to any reimbursment from DNR. Federal rules also prohibit DNR from reimbursing marina owners for work done on the pumpout. If you're thinking of "doing it yourself," give us a call and we'll talk about it.

### 7) If a marina has a problem paying the money "up-front" can special arrangements be made to help finance an installation?

DNR is only allowed to reimburse a marina for the costs associated with purchasing and installing a pumpout. We cannot "up-front" the money. You can, however, make arrangements with us to receive partial reimbursements for equipment. Installation expenses are only reimbursed after a final inspection of the project is complete. You can even obtain a short-term loan from a bank and use the grant contract as collateral (sorry, we can't pay any interest).

### 8) How does a marina submit for its reimbursement and how long does it take to get the money?

DNR needs to verify that the project is complete and operational before we release the final reimbursement money to you. When you receive approval to purchase and install a pumpout, we will provide you with a blank invoice form(s). Simply fill out this form, attach suitable proof of payments, and call us when the project is complete to set up an appointment for an inspection. You may present us with your reimbursement paperwork at the time of the inspection. You should receive your reimbursement in about one month. Note: an inspection is not needed to receive a partial reimbursement for the purchase of pumpout equipment (as discussed above).

A suitable proof of payment is considered to be a copy of a canceled check, bank statement, a vendor's invoice makred "Paid in Full", dated and signed by an authorized representative of the company to whom you paid the money. Note--you may be asked to provide an current W-9 form with your official business name, address and tax identification number so the Comptroller's office can issue your reimbursement properly.



### **GRANT APPLICATION CHECKLIST**

| 1. <b>APPLICATION</b> Read the grant agreement at the end of this document. Ensure you are willing and able to comply with the terms of this agreement. Call the grant manager at 410-260-8772 to discuss your project as you work on the application.   |
|--|
| 2. <b>SELECT EQUIPMENT</b> Research pumpout equipment (see pages 2 and 5) and determine the equipment best suited to your location. It's recommended that you talk to more than one vendor.  |
| 3. INSTALLATION BIDS If you are simply replacing a pumpout using existing plumbing and wiring, a factory approved equipment sales representative may be able to install it. If the replacement work requires a licensed electrician or plumber, then follow steps for a first time installation. When a pumpout is being installed for the first time, it will require new plumbing and electrical work and you must obtain estimates/bids from contractors licensed to do business in Maryland as explained above (pg. 3) as well as applicable permits. Materials (e.g., PVC pipe) must comply with Build America, Buy America regulations (see agreement Terms and Conditions). Licensed contractors can be found at <a href="https://dlr.state.md.us/license/">dll.state.md.us/license/</a> All estimates must contain the same scope of work from all vendors. DNR will expect you to use the lowest bidder unless you provide written justification to the grant manager and receive approval. Prior to project approval you will need to provide copies of local plumbing and/or electrical permits, as applicable, to DNR. See pg. 3 concerning use of in-house labor and discuss this with the grant manager if applicable. |
| 4. <b>PROPOSAL</b> Write a short proposal describing the project to DNR. Explain why you are selecting certain equipment, where the sewage will be directed, what type of boats will be served and exlain why it is needed. A Sample Proposal is provided on pg. 6. Attach a current price quote for the equipment you have selected.  Proposald Must Include:   |
| <ul> <li>Current (less than 30 days old) quotes for the pumpout unit and all associated equipment for which you are seeking grant funding (with prices).</li> <li>Current, competitive bids for installation if needed. Bids must contain the same scope of work.</li> <li>Total estimated project cost.</li> <li>Copies of any required permits (e.g., plumbing, electrical).</li> <li>Project map/diagram explained below.</li> </ul>  |
| 5. <b>MAP</b> Provide a sketch or map of the marina indicating where the pumpout and any associated equipement will be located, where it will discharge, the length of any piping runs, and the feet of elevation. If you are seeking funding to purchase a waste holding tank, indicate where it will be kept on your map. A Sample Map is provided on page 7.  |
| 6. <b>ENVIRONMENTAL REVIEW FORM</b> This form ensures the local health department and Maryland Deptartment of the Environment approve of the sewage disposal method (either holding tank and truck, or direct sewer connection). Complete <b>only Part I</b> of the "Coordinated Environmental Review Form" <b>obtained from the grant manager.</b> The grant manager will help you obtain the approvals required on the form. Approvals must be obtained before the grant application can be approved.  |
| 7. <b>SUBMIT</b> Complete the application at the end of this document using your official business name and tax ID, sign and date it. Submit all items above as one packet to the address and/or email on the grant application. Do not purchase anything for the project until you receive a letter approving your grant request!  After we discuss your project with you, we will ask for two more items required by federal regulation:   |
| 8. <b>RISK ASSESSMENT</b> The grant manager will ask you to complete an online risk assessment form as <i>required</i> by federal funding rules. The assessment looks at the marina's experience with past grants (if any) and other factors to determine if DNR needs to take additional steps to reduce risk of non-compliance with the terms of federal funding.  |
| 9. <b>BUILD AMERICA, BUY AMERICA Certification</b> The grant manager will ask you to sign a certification that the equipment and materials proposed for your project comply with the Build America, Buy America Act. (See Terms & Conditions.)   |
| 10. <b>APPROVAL AND GO</b> Finally! Once the grant manager has everything above, you will receive written approval of your project according to everything you provided. You will also recieve blank invoice forms to submit your reimbursement request(s). Grants are available for up to one year after the date they are approved. Grants are available for up to one year from approval. After one year, funds may be reverted and you will have to reapply.   |

### Vendors of Pumpout Equipment

The Department of Natural Resources neither recommends nor endorses any company. Companies can be added by contacting celeste.anderson@maryland.gov An Underwriters Laboratories report on the operational effectiveness of various pumpout equipment is also available online at dnr.maryland.gov/Boating/Pages/pumpout/home.aspx\_ Independent research may yield other results. Last updated March 2024.

**AIRVAC** 

4217 N. Old U.S. 31

P.O. Box 528

Rochester, IN 46975

(800) AIRVAC9

https://www.airvac.com/en/

email: info@airvac.com

### **EDSON INTERNATIONAL, INC.\***

**Pump Division** 

146 Duchaine Boulevard

New Bedford, MA 02745

(508) 995-9711

www.edsonpumps.com

email: pumps@edsonintl.com

Local Edson Representative:

Environmental Water Technologies, LLC

www.Ewth2o.com

Bill Weyant

410-322-6701

weyantb@ewth2o.com

#### EMP INDUSTRIES—SANI SAILOR\*

1330 2nd Street So.

St. Petersburg, Florida 33701

(800) 355-7687

www.bestmarinepumps.com

email: sales@empind.net

#### JONNY TRAP

Far Products, Inc.

2300 Napoleon Road

Fremont, OH 43420

(419) 332-8286

www.pumpoutsys.com

email: far@pumpoutsys.com

#### KECO, INC.\*

P.O. Box 80308

San Diego, CA 92138

(800) 900-PUMP

www.pumpahead.com

email: sales@pumpahead.com

#### **WASTECORP PUMPS\***

2391 Baseline Road #70

Grand Island, NY 14072

(888) 829-2783

www.wastecorp.com

email: info@wastecorp.com

### WAUBAUSHENE MACHINE & WELDING

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\*Build America, Buy America Act Compliance statement on file with Maryland DNR as of March 2024.



### Sample Proposal

January 1, 2024

Ms. Jennifer Jackson Maryland Department of Natural Resources Chesapeake and Coastal Services Tawes State Office Building 580 Taylor, Ave. E-2 Annapolis, MD 21401

Dear Ms. Jackson:

ABC Marina proposes to purchase and install a Jones Manufacturing Company Model XYZ100 pumpout facility. The system comes with a wand to empty portable toilets.

The pump will be mounted on a concrete pad next to the marina office and a remote pedestal will be installed at the end of our fuel dock (see attached). The sewage will be pumped from the pedestal, through approximately 250 ft. of 2" PVC pipe to the pump on shore. The pump will discharge to the sewer which is adjacent to the pump. Jones Manufacturing has received our plans and assures us that the pump will perform satisfactorily.

Two plumbing and two electric bids were obtained (copies enclosed) with Henderson Plumbing and Michael's Electric being the low bidders. A summary of the projected costs is included:

| Jones Manufacturing Co. Model XYZ100 pump | \$11,450 |
|---|----------|
| Henderson Plumbing                        | \$ 1,580 |
| Michael's Electric                        | \$ 950   |
| County Permit                             | \$ 100   |
|   | \$14,080 |

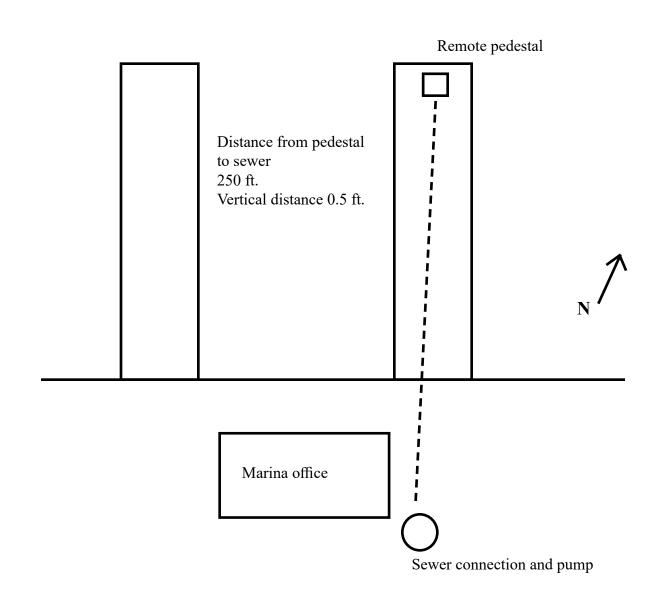
The pumpout will be open to the general public from 7:00 am - 5:00 pm Mon- Fri and 7:00 am - 7:00 pm Sat and Sun. We will be charging \$5.00 per customer for pumpout with the exception of slipholders and those purchasing fuel.

Sincerely,

Jeff Smith, Dockmaster ABC Marina

### Sample Sketch

INCLUDE: diagram of property and docks, arrow indicating North length of plumbing run(s) from pedastal to pump and from pump to discharge point (if applicable)



MARYLAND DEPARTMENT OF NATURAL RESOURCES
CHESAPEAKE AND COASTAL SERVICE
TAWES STATE OFFICE BUILDING
580 TAYLOR AVENUE E-2
ANNAPOLIS, MARYLAND 21401
(O) 410-260-8772 • (C) 667-500-4719 • PUMPOUTS.DNR@MARYLAND.GOV



Date



### MARINE SEWAGE PUMPOUT GRANT APPLICATION

| OFFICIAL BUSINESS NAME <u>:</u>                                | OFFICE PHONE:   |
|--|---|
| NAME AND TITLE OF PERSON DIRECTL                               | Y RESPONSIBLE FOR THE PROJECT:  |
|  | EMAIL ADDRESS FOR PERSON ABOVE:   |
| MARINA'S PHYSICAL<br>ADDRESS:                                  |   |
|  |   |
| BODY OF WATER:   | COUNTY:   |
| ALSO HAVE THE CAPABILITY TO PROPI                              | ALL MARINE SEWAGE PUMPOUT FACILITIES MUST<br>ERLY DISPOSE OF PORTABLE TOILET WASTE ): |
|  |   |
| PROPOSED SEWAGE DISPOSAL METHO                                 | D (check one): PUBLIC SEWER OR HOLDI NG TANK  |
| OTHER (DESCRIBE)   |   |
| NUMBER OF WET SLIPS AT MARINA: _                               | TYPE & SIZE OF VESSELS TO BE SERVICED:  |
| PROJECT TIME FRAME: START                                      | COMPLETE  |
| TOTAL FUNDING REQUESTED (Maximum grant manager in advance.) \$ | ms: \$20,000, new installations \$18,000, replacements/upgrades unless approved by    |
| OFFICIAL NAME & ADDRESS TO APPEA                               | AR ON REIMBURSEMENT. MUST MATCH FEDERAL TAX ID#:                                      |
|  |   |
| MARINA'S FEDERAL TAX I.D. #                                    |   |

| Page | 2 - | Grant | Apı          | nlica | ition |
|------|-----|-------|--------------|-------|-------|
| 1 45 | _   | CIMIL | - <b>-</b> P | P1100 | ***   |

# 10. TERMS AND CONDITIONS: IN SUBMITTING THIS GRANT APPLICATION TO THE DEPARTMENT OF NATURAL RESOURCES, THE APPLICANT HEREBY ACCEPTS THE TERMS AND CONDITIONS SET FORTH AS FOLLOWS:

| A. The applicant will not discriminate against any person on the basis of age, sex, handicap, race, color, creed or national origin, is the use of any property or facility acquired or developed pursuant to this proposal. In addition to pumping out boat holding tanks, all facilities will have the capability to properly dispose of portable toilet waste and the pumping/dumpin facility must be made available to the general public during reasonable business hours (Initial)  |
|---|
| B. The applicant agrees to maintain the pumpout in operating condition, inclusive of necessary maintenance, for as long as it is needed for its intended use a (a minimum of ten years) and will charge no more than \$5.00 per pumpout for the first 50 gallon and an additional ten cents per gallon for every gallon above 50 gallons. The applicant also agrees to notify the Department upo any change in the price charged for a pumpout or in its operating hours. Additionally, if the pumpout is out of service for an reason, other than severe weather, between April 15th and November 15th, the applicant will notify the Department immediately (Initial)   |
| C. <b>Buy America Provision for Infrastructure:</b> Required Use of American Iron, Steel, Manufactured Products, and Construction Materials Per 2 CFR Part 184, none of the funds provided under this award may be used for a project for infrastructure unless:  1. All iron and steel used in the project are produced in the United States. This means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States;  2. All manufactured products used in the project are produced in the United States. This means the manufactured product was manufactured in the United States, and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation; and 3. All construction materials are manufactured in the United States. This means that all manufacturing processes for the construction material occurred in the United States. For construction material standards, see 2 CFR §184.6. This Buy America preference only applies to articles, materials, and supplies consumed in, incorporated into, or affixed to an infrastructure project. As such, it does not apply to tools, equipment, and supplies, such as temporary scaffolding, brought to the construction site and removed at or before the completion of the infrastructure project (Initial) |
| D. The applicant understands that he/she will own and be responsible for the pumpout. By providing financial, or other, assistance to the applicant, both the State and federal government assume no liability for the pumpout ds installation or use (Initial)   |
| E. The applicant understands and agrees that <b>this is a reimbursement program</b> and that, upon being given approval by the Department to proceed, the applicant must pay for the purchase and installation of the facility and no reimbursement will be made for invoices that are not on a proper form and are not accompanied by suitable proofs of payment (including cancelled checks) (Initial)  |
| F. The applicant will not purchase or install a pumpout until given specific approval by the Department to do so.  (Initial)  |
| Purchasing and/or installing a facility without specific approval of the Department invalidates the grant agreement. This approval will be predicated on the following:   |
| -the needs of the Department and the availability of funding, -the receipt of approval to install a pumpout by the Maryland Department of the Environment (MDE), -the submission, by the applicant, to the Department of copies of all local permits,   |

-the submission to the Department of a specific proposal for the applicant to purchase and install a pumpout. The proposal must include: a) the type of equipment to be used (more than one bid for equipment is encouraged); b) a site drawing showing the plans and specifications for the project; and c) at least three competitive bids for the installation from contractors licensed to do business in Maryland. With prior approval, the applicant may utilize in-house labor provided State guidelines and policies are followed (please contact the Department and obtain specific information prior to incurring these expenses). Proper documentation for in-house labor (such as time cards) will be required prior to reimbursement. Clean Vessel Act Grant rules prohibit DNR from reimbursing facility owners for their time spent on the pumpout project.

| Page 3 - Grant Application   | MARINA NAME:   |   |
|--|--|---|
| G. Construction of additional slips or addition  | onal on-shore facilities is not authorized by this gran  | nt (Initial)  |
| H. The pumpout shall be used for the colle   | ection of boat sewage only. No bilge or oily waste   | shall be collected in the pumpour   |
| I. Plans and specifications for the facility a Department prior to construction of the pum   | and holding tank, if applicable, shall be submitted pout (Initial)   | and approved by the local Healt   |
|  | stewater treatment plants, local sanitary commission approved by the local Health Department prior to co   |   |
| state and local codes and the inspection of approved plans and specifications. An inspebe made by the Department during the u  | for the obtaining of and compliance with all permit as the project to insure compliance of materials, projection of the equipment prior to final reimbursemuseful life of the equipment (ten years) to ensure ring adequacy nor State and local code compliance as | oducts, and workmanship with the nent and periodic inspections may be funds are properly spent. These |
| L. Any payment to contractors in excess of the eligible for reimbursement (Initial contractors in excess of the eligible for reimbursement (Initial contractors in excess of the eligible for reimbursement. | of the agreed upon price must be approved by the ial)  | e Department prior to payment to  |
| M. The Department will provide the marina (Initial)  | with a sign which shall be posted in a conspicuous   | place by the marina owner.  |
|  | sold, a written agreement will be obtained from the with this agreement. The applicant also agrees that main at this location (Initial)  | ` .   |
|  | aintain this location as an operational pumpout, or dent of Natural Resources will be reimbursed to the D  |   |
|  |  |   |
|  |  |   |
|  |  |   |
|  |  |   |
|  |  | Continued >   |

| Page 4 - Grant Application   | MARINA NAME:   |
|--|--|
| tanks are used; (b) hold and save the State of Maryland free from accomplish, without liability to the State of Maryland, alteration and other utility facilities; and (d) will assure that the facility with to Section 51, Article 78A, of the Annotated Code of Maryland.  12. It is understood and agreed by the applicant that if the p | current grant limits; and that the marina owner or agent will, if<br>ll necessary lands, easements, and rights-of-way required for<br>ng an approved method for final disposition of sewage if holding<br>in damages that may result from the construction of the project; (c)<br>as and relocations as required in sewer, and water supply drainage,<br>ll be designed and constructed for handicapped persons pursuant |
| program (Initial)  |  |
| 13. I certify that I have prepared this application and the above i  | information is complete and true to the best of my knowledge.  |
| (Signature)  | (Name)   |
| (Date)   | (Title)  |
| PUMPOUTS.DNR@MA<br>O<br>DEPARTMENT OF NATURAL RESOURCI   | IST (page 4) AND SUBMIT ALL ITEMS TO: RYLAND.GOV (preferred) OR ES CHESAPEAKE AND COASTAL SERVICE VENUE, E-2 ANNAPOLIS, MD 21401   |
| Grant Officer Assigned: Jennifer L. Jackson<br>(410) 260-8772 • pumpouts.dnr@maryland.gov  |  |
| Approved:  | Date:  |