



PENNSYLVANIA FISH AND BOAT COMMISSION – BUREAU OF BOATING
BOAT PUMPOUT GRANT PROGRAM APPLICATION
PENNSYLVANIA PARTICIPATION IN THE FEDERAL CLEAN VESSEL ACT
This information is required by the authority of the PENNSYLVANIA FISH AND BOAT COMMISSION through the U.S. Fish and Wildlife Service to be considered for grant funding.



SECTION 1 - APPLICANT INFORMATION			
APPLICANT OR ENTITY NAME Confluence Marina		TELEPHONE NUMBER (123)-456-7891	FAX NUMBER (123)-456-7892
APPLICANT MAILING ADDRESS 1 123 Main Street		APPLICANT MAILING ADDRESS 2 (IF APPLICABLE)	
CITY Confluence	STATE PA	ZIP CODE 17524	EMAIL ADDRESS plankton@yahoo.net
PROJECT MANAGER (PERSON IN CHARGE OF THE PROJECT) John Doe		TITLE Manager	
<i>IN THE NEXT TWO BOXES PLEASE IDENTIFY PERSON WHO WORKS CLOSELY WITH PROJECT MANAGER THAT CAN BE CONTACTED 99% OF THE TIME WHEN ISSUES ARISE THROUGHOUT THE PROJECT'S PHASES. THIS PERSON CAN BE CONTACTED IN LEIU OF THE PROJECT MANAGER FOR ANSWERS OR TO RECEIVE INFORMATION FROM THE PFBC</i>			
NAME Jane Doe		TITLE Secretary	
<i>APPLICANT/ENTITY MUST PROVIDE THEIR FEDERAL IDENTIFICATION NUMBER AND SAP NUMBER. PLEASE BE SURE THAT THEY ARE CORRECT. TO OBTAIN AN SAP NUMBER APPLICANTS MUST APPLY THROUGH THE COMMONWEALTH'S CENTRAL VENDOR MANAGEMENT UNIT ON THE WEB AT: http://www.pasupplierportal.state.pa.us</i>			
FEDERAL ID NUMBER 12-3456789		SAP NUMBER 123456	

SECTION 2 - PROJECT LOCATION		
FACILITY NAME Confluence Marina	COUNTY Philadelphia	WATERBODY Delaware River
LATITUDE (IN DECIMAL DEGREES) 40,123456	LONGITUDE (IN DECIMAL DEGREES) -75.123456	
DRIVING DIRECTIONS FROM HARRISBURG, PA Take the Pennsylvania Turnpike (I-76) east to Interstate 95. Take Interstate 95 north to Penn's Landing Exit.		

SECTION 3 - PROJECT INFORMATION <i>(check all that apply)</i>			
GRANT FUNDS REQUESTED \$16,121.25	APPLICANT CASH \$4,000	OTHER CASH \$1,373.75	TOTAL PROJECT COST \$21,495
TYPE OF PROJECT:		REQUIRED PERMITS:	
<input checked="" type="checkbox"/> Construction of new pumpout facilities <input type="checkbox"/> Replacement of existing pumpout facilities <input type="checkbox"/> Upgrade of Existing Facilities <input type="checkbox"/> Repair of Existing Facilities		Permit Type <input type="checkbox"/> Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> Local <input type="checkbox"/> Other _____	Approved <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Pending <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		N/A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
LOCATION OF PROPOSED PUMPOUTS:		TYPE OF FACILITIES PLANNED:	
<input checked="" type="checkbox"/> Fuel Dock <input type="checkbox"/> All Slips <input type="checkbox"/> Other Dock	<input checked="" type="checkbox"/> Mobile (Goes to Boats) <input type="checkbox"/> On Bulkhead <input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Portable Unit on Wheels <input type="checkbox"/> Dump Station <input checked="" type="checkbox"/> Stationary Unit	<input type="checkbox"/> Pumpout vessel <input type="checkbox"/> Multi-Station System <input type="checkbox"/> Repair/Upgrade Unit
Number of Vessels to be Served: 300	Number of pumpout connections installed through this project?		2
Make of Equipment Keco	Model # of Equipment		900 series – Portable and 900 Dockside
Type of Pumpout Unit	<input type="checkbox"/> Diaphragm Pump <input type="checkbox"/> Vacuum Pump <input checked="" type="checkbox"/> Peristaltic Pump		
Where on the premises will the pumpout, dump station be located?	We propose one stationary unit at the existing fuel dock area with a 30' suction hose and one portable unit to allow for difficult to reach pumpouts on vessels and to accommodate servicing of more than one		

vessel at a time.	
SECTION 3 - PROJECT INFORMATION <i>(continued)</i>	
Disposal method for pumpout/ dump station, boat sewage?	<input checked="" type="checkbox"/> Directly to a permitted wastewater treatment facility <input type="checkbox"/> Directly to an on-site sewage treatment plant <input type="checkbox"/> Directly to an on-site septic system <input type="checkbox"/> Into holding tank, then transported to permitted wastewater treatment facility
Availability of pumpout/ dump station services	<input checked="" type="checkbox"/> Mon. –Fri. between the hours of <u>8:00 AM</u> and <u>6:00 PM</u> <input checked="" type="checkbox"/> Saturday between the hours of <u>8:00 AM</u> and <u>10:00 PM</u> <input checked="" type="checkbox"/> Sunday between the hours of <u>8:00 AM</u> and <u>10:00 PM</u>
Will fees be charged for pumpout service?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No How much per pumpout? \$5.00
NOTE: The United States Fish and Wildlife Service (USFWS) allows a maximum fee of \$5.00 per pumpout with no justification. If higher fees are charged, they must be justified in this application and approved by the USFWS before they may be allowed.	
Anticipated project start date?	4/1/23
Anticipated project completion date?	12/31/24

SECTION 4 - GENERAL FACILITY INFORMATION – Existing Conditions	
TYPE OF FACILITY (Identify the current type of facility/conditions at proposed project location.)	
<input checked="" type="checkbox"/> Marina <input type="checkbox"/> Boat Yard <input type="checkbox"/> Yacht Boat Club	<input type="checkbox"/> Boat Ramp <input type="checkbox"/> Mooring Field <input type="checkbox"/> OTHER:
Is the facility owned by a government entity (City, County, Borough, Township, or State)?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes
Number of Slips? Wet: 35 Dry: 50 Mooring: 90	
NAMES OF ADJACENT MARINAS WITH PUMPOUT AND/OR DUMP STATION FACILITIES	
NAME OF FACILITY	DISTANCE BY BOAT (miles)
Jellyfish Marina	10
Coral Marina	18

Provide a detailed listing of the parts, material, supplies and labor required to complete this project.
(Attach copies of any quotes or estimates received.)

SECTION 5 - MATERIALS, SUPPLIES, PRODUCTS, INSTALLATION, ETC.	COST
Keco 900 series – Portable Unit	\$3,500.00
Keco 900 Dockside Unit – Stationary	\$12,250.00
Suction Hose Assembly (With male adaptor and sight glass) – 50 feet	\$350.00
Coupler – Male Thread 1 ½ inch diameter – 3 at \$20.00 each	\$60.00
Coupler – Female Thread 1 ½ inch diameter – 3 at \$20.00 each	\$60.00
Sight Nozzle Straight – 2 at \$35.00 each	\$70.00
Isolation Valves – 2 at \$15.00 each	\$30.00
On/ off switch - 1	\$150.00
Remote Pumping Center – Stainless – 1	\$750.00
1000 feet of Sewage Pipe	\$4,275.00
Total Project Cost	\$21,495.00
75% Reimbursable	\$16,121.25
25% Matching funds	\$5,373.75

SECTION 6 - PROJECT NARRATIVE

Please address each category below. All categories must be completed. (Attach additional sheets as required.)

NEED - Please describe why this project is needed.

The Delaware River going North from Philadelphia, PA up to Trenton, NJ is about a 35 mile stretch of water that is a very heavy traffic area for recreational vessels. The majority of these vessels range in size from 18-50 foot in length with a significantly increasing number of vessels having either a porta-potty or a built in holding tank on board. There exists a tremendous need to provide pumpout facilities for these vessels. With only one pumpout station along the NJ shoreline in this entire section of the Delaware River, there is little encouragement and definitely a lack of ease for boat owners to comply with federal regulations for “dumping.” Both additional facilities and more education are needed to prevent destroying our rivers.

The Confluence Marina is located at mile 15.6 on the Delaware River. The marina is in a cove which consists of about 100 acres of water and is a haven for boats to get out of the traffic of the river and to moor for the weekend or part of the weekday period. Having an average depth of 10’ at mean low water, it is an ideal location for recreational boating. On any given weekend during the boating season, upwards of 250 pleasure boats will stay in the cove for an overnight stay. An additional 100-150 boats continually come in and out for shorter periods. As shown on pages 12 and 13, the marina has constructed an isolated fuel dock area that will serve as the perfect location for a “pumpout station.” It allows east access and can handle boats up to 60’ in length for temporary tie up in order to pump out their wastewater. We propose one stationary unit with a 30’ suction hose and one portable unit to allow for difficult to reach pumpouts on vessels and to accommodate servicing of more than one vessel at a time. Timely servicing in a professional manner is a high priority to encourage boat owners to use the facility,

In addition to the visiting vessels, the marina currently has full occupancy of 90 slips and has the growth potential for permitted capacity of 300 vessels. Approximately 50-60% of these vessels will also be served by having a pumpout station at the marina.

The fact that the entire area is a “No Discharge Area” and that it is a 7-9 hour trip to reach a legal discharge zone, further substantiates the need for additional pump-out facilities. These waters have been designed by Congress to be of National Significance for both recreational value and for the support of aquatic life.

OBJECTIVE – Please provide a short, concise description of what will be accomplished with the project.

It is the goal of the Confluence Marina to continue to grow and support the increasing demand for recreational boating, recognizing the extreme importance of protecting the environment and the need to keep Pennsylvania waters safe and enjoyable for the boating public. The Objectives of the Confluence Marina are to:

- Enhance and facilitate in the educational process of informing and teaching the thousands of boaters in this area about the importance of protecting the natural resource that we use for both pleasure and survival.
- Provide, with the aid of federal funding, an easy and very viable way of disposing of wastewater.
- Install a permanent pumpout system on the water that connects to a municipal disposal processing plant.
- Work closely with the Pennsylvania Fish and Boat Commission to promote boating safety and environmental responsibility as a concern for all boaters.

EXPECTED RESULTS AND BENEFITS – Demonstrate how the proposed facility will meet the needs and objectives.

Installation of a pumpout station at the Confluence Marina will service the boating populations of both New Jersey and Pennsylvania. Since the Delaware River is the dividing line of these two states, the waterway is heavily used by residents from both sides. Locating this facility at the Confluence Marina will:

- Provide a place for wastewater pump-out and disposal.
- Enhance compliance with federal and state “dumping” laws.
- Educate boaters and non-boaters alike of their environmental responsibilities.
- Encourage cooperation between state agencies for environmental law enforcement.
- Provide a pumpout facility in an extremely popular boating area that is the most widely visited cove on the navigable northern portion of the Delaware River.
- Provide a professional, inexpensive, and readily accessible way to pump-out wastewater.
- Allow easy monitoring of the success of the program.
- Assure compliance with safe and efficient waste disposal and processing.
- Provide public awareness with signs and advertising.

APPROACH – Provide a discussion of the work to be completed. Be specific about pumpout models, dimensions, location of the pumpout, etc.

The Confluence Marina will continue the final steps in its permitting process with the local county and township municipalities for the additional “Sewage Facilities Planning Module” and “Equivalent Dwelling Units” (EDU). Preliminary approval has already been achieved.

The Confluence Marina will install a permanent, stationary pumpout station on existing floating docks. In addition, a portable pumpout unit will be secured to aid in the removal of wastewater from boats that cannot be easily serviced by the stationary unit due to hose length, location of pumpout connection, or any other restriction that may prevent usage of the larger, stationary unit. This will ensure that “all” vessels that have either portable or permanent holding tanks will be able to easily, safely, and legally empty them of their contents. Approximately 1,000’ of sewage pipe, consisting of installation within floating docks under a 300’ fixed pier, and underground for 600’ to connect to an existing sewage disposal pipeline, will be installed.

The Confluence Marina will charge a maximum fee of \$5.00 to service all vessels for pumping out their holding tanks. This will be done in conjunction with boater education efforts emphasizing boater responsibility for the establishment and monitoring of clean waters. This project, with its non-federal share of costs supplied by the Confluence Marina, will be coordinated and under the supervision of the Pennsylvania Fish and Boat Commission’s Bureau of Boating and Access.

SECTION 7 – APPLICANTS SIGNATURE

Application is hereby made for the activities described herein. I certify that I am familiar with all the information contained in this application, and to the best of my knowledge and belief, this information is true, complete, and accurate. I further certify that I possess the authority to undertake the proposed activities. By signature below, the Applicant agrees to comply with all applicable federal, state, and local laws in conjunction with the proposal and resulting project if so approved.

_____ *John Doe* _____
 Name (Printed/Typed)

_____ *John Doe* _____
 Signature

_____ *Manager* _____
 Title

_____ *8/15/22* _____
 Date

SECTION 8 - REQUIRED ATTACHMENTS

- AREA MAP – showing the general location of your marina.
- SITE MAP – map showing the exact location of the proposed project.
- SCHEMATIC Plan – showing the layout of the marina and the location of where the project components will be developed.
- COPIES OF SUPPLIER OR CONTRACTOR ESTIMATES – showing the cost of each component of the project. If doing the work yourself, include a breakdown of materials and labor costs on a separate sheet of paper.
- PHOTOGRAPHS OF THE SITE WHERE PUMPOUT WILL BE LOCATED – Photo is necessary to evaluate the location for ADA accessibility.

EMAIL COMPLETED APPLICATION WITH ATTACHMENTS TO

Email: scbollinge@pa.gov

FOR ADDITIONAL INFORMATION

Telephone: (717) 346-8196
 FAX Number: (717) 705-7901
 Email: scbollinge@pa.gov

- FOR FISH AND BOAT COMMISSION USE ONLY -

Project Number:	Grant Amount Approved:	Required Match:	Total:
Program Coordinator’s Name (Printed):		Title:	
Signature			Date