

# Partner Agency Application for Funding ~ FY 2022

<b>Agency Name:</b>	Lake Anna Civic Association (LACA)				
Physical Address:	None				
Mailing Address/PO Box:	PO Box 217				
City:	Mineral	State:	Virginia	Zip:	23117
Telephone Number:	703 968-2430	Fax Number:			
Federal Tax ID #:	54-1576137				
Web Address:	www.lakeannavirginia.org				
General Email Address:	LACA@lakeannavirginia.org				
<b>Agency Main Contact:</b>	Kenneth Remmers	Title:	Water Quality Grant Writer		
Telephone Number:	703 968-2430				
E-Mail Address:	Remmerskd@verizon.net				

## Agency General Information

### Agency Mission

The Lake Anna Civic Association mission is to preserve Lake Anna and its watershed as a safe, clean, and beautiful resource through education, advocacy, community involvement, and water quality.

**Number of years agency has been in operation** | 29

**Localities Served** | Spotsylvania, Louisa, and Orange counties

## REQUIRED items to be submitted with the application: *(include 1 copy of each)*

X IRS 501(c)(3) Letter

X Audit Report *(with Audit Management Letter)*

X Current Financial statement

X IRS 990

N/A Accountant Contact Information

X Organizational Chart

X Current Board Roster *(with contact information)*

X Agency's Current Strategic Plan

# Agency Overview

## Purpose/Description

Provide residents and users of Lake Anna an early warning system for water quality by regular sampling of water from 45 locations around the lake to form a comparative data base of trends in water quality and to notify VA DEQ/ VDH of samples that exceed quality standards as determined by VA DEQ. DEQ and LACA also monitor multiple locations on the lake for cyanobacteria, also called blue-green algae. Cyanobacteria are capable of producing and releasing toxins that are harmful to humans and animals. The LACA cyanobacteria sampling protocol includes weekly sampling at multiple stations. The goal is to test all primary cyanobacteria stations once every 3-4 weeks. The cyanobacteria sampling stations span the entire lake,

## Justification of Agency and Requested Funding

**Please state clearly why this service should be provided to the citizens of Spotsylvania County and why the County should consider this funding request.**

LACA volunteers do all the labor at no cost including providing boats and fuel at no cost. LACA requests grant funding from the surrounding counties to pay for the laboratory analysis of water samples, maintenance of equipment, calibration supplies, and associated coping cost.

## Program Collaboration

**The following should describe, in detail, examples of collaborative efforts and key partnerships between your agency and other programs or agencies in the area.**

LACA works closely with the tri-county quasi-governmental Lake Anna Advisory Committee (LAAC) who endorses this Water Quality Initiative. LACA also works with the Virginia Department of Environmental Quality (DEQ) as a certified collector of water quality data at Lake Anna. LACA's MOA with DEQ outlines each group's responsibilities and avoids any duplication of efforts. LACA works with the VA Department of Health (VDH) who issues any unsafe warnings with the water quality including harmful algae as seen in FY19, FY20, and FY21.

Additional Collaboration involved the following:

1. Participated in three HAB Stakeholder meetings focused on Virginia Department of Health (VDH) procedures for issuing swim advisories / how LACA's algae/toxin monitoring program can inform the VDH process.
2. Participated in six DEQ Stakeholder meetings focused on LACA's HAB Recovery Program.
3. Participated in four data analysis meetings with USGS (water sampling data and satellite data analysis)
4. Visited Old Dominion University Phytoplankton Lab and participated in three meetings focused on cyanobacteria and toxin analysis protocols (March 2020)
5. Participated in the Virginia Citizens for Water Quality Summit (October 2019)
6. Participated in the York River and Small Coastal Basin Roundtable (December 2019, March 2020, October 2020)

**Collaborative Impact**

**Please describe how the community would be impacted if your agency were dissolved or merged with another partner agency.**

Spotsylvania residents and recreational users of Lake Anna would not have the Water Quality information provided by LACA. Any unsafe conditions of the water would not be available and possible health issues could occur. Property values would decline with necessary tax revenue reduced to the county.

## **Agency Overview *cont'd***

### **Program Audience and Service Delivery**

The following should describe the agency's intended audience or client base and how those clients are served. This should include the location of the service and what geographic areas are served or targeted for service. If your agency has specific entry or application criteria, please describe it below.

All the citizens and visitors to Spotsylvania County will have Water Quality data for Lake Anna. This will assure safe recreational use of the water. All water quality data is on Chesapeake Monitoring Cooperative web site <https://cmc.vims.edu/#/home>

### **Community Impact**

Please provide at least two examples of how your services have impacted members of our community.

Algae growths due to high nutrients in the water were reported in several locations in Spotsylvania at Lake Anna. This is traced to the high Total Phosphorous and Nitrogen measured in water quality measurements. Recreational usage was curtailed and anglers were affected due to algae and low Dissolved Oxygen levels.

High bacteria levels were reported in a few locations at Lake Anna. This affected recreational use for several weeks until levels went down.

### **Client Fees**

Please describe the fees clients must pay for the services provided by your agency, and how those fees are determined.

NONE

# Agency Financial Information

Total Agency Expenditures						
	List Program Title/Name	Salary	Benefits	Operating Expenses	Capital Expenses	Total
Program 1	LACA Water Quality Testing			17,350.32	18,000.00*	35,350.32
Program 2						
Program 3						
Program 4						
Program 5						
<b>Total Agency Expenditures</b>				<b>17,350.32</b>	<b>18,000.00</b>	<b>35,350.32</b>

\*Includes \$10K purchase of HAB monitoring test equipment and 8K purchases to replace unrepairable test equipment.

- If your application includes funding increases for personnel (to include new positions or merit /COLA increases), please check here and explain in detail the need for this type of increase in the Salary/Benefits Costs section under Agency Budget Justifications.*

Total Agency Revenues			
	FY 2020 Actual	FY 2021 Budgeted	FY 2022 Projected
Spotsylvania	7,000.00	7,000.00	7,000.00
United Way			
Grants DEQ	4,500.00	5,000.00	5,000.00
Client Fees			
Fundraising			2,000.00
Other <i>(explain below)</i>	3,000.00*	.00	7,000.00**
<b>Total Agency Revenues</b>	<b>14,500.00</b>	<b>12,000.00</b>	<b>21,000.00</b>

**Detail below what is included in the 'Other' category:**

\*Received one time grant from Rappahannock "Power to Change"

\*\* Working with Louisa Co to re-in state funding. Otherwise LACA is spending their funds on this project out of capital equipment replacements



**On the following page titled "Agency Budget Justifications", please indicate, in detail, reasons for increases or decreases in the amounts requested for FY 2018. Include whether these changes come from increases in personnel, benefits, or operating expenses. If an increase is being requested, please describe the impact not receiving an increase would have on the agency. In particular, please describe in detail if any increase is sought for new positions or personnel.**

# Agency Budget Justifications

## Salary/Benefit Costs

In the box below, provide an overview of any increases or decreases in general personnel expenses for the agency. This would include any planned or projected merit or COLA increases, or new positions being requested. Also include a description of any changes to agency benefits structure or cost.

Laboratory cost for analysis of samples for E-coli, Total Phosphorous, Total Nitrogen, and Chlorophyll A have gone up significantly and these costs were absorbed for the last five years. A new approach is being pursued to obtain funding from Louisa and Orange Counties especially with the emergence of Harmful Algae Blooms (HAB) .

## Operating Costs

In the box below, provide an overview of the administrative costs detailed on the Total Agency Expenditures table for the agency as a whole. Please provide justification for and specific amounts of operating costs that are defrayed by locality funds. If your agency is requesting an increase or decrease in operating funding, please describe, in detail, the reasons for these changes.

NONE

## Capital Outlay Costs

In the box below, provide an overview of the capital costs detailed on the Total Agency Expenditures table for the agency as a whole. Please provide justification for and specific amounts of capital costs that are defrayed by locality funds.

Capital cost of \$18,000 dollars are included in Total Agency Expenditures. These are cost to replace/ repair/ update Sonde Electronic Equipment use by the volunteer collection teams. Also two new instruments were purchased to Measure Algae for HAB. Due to funding shortfall in FY19, 20 and 21, no funds were added for this capital cost.

## Agency Budget Issues

**Please detail below any legislative initiatives or issues that may impact the agency for the upcoming year and how you are planning for them. This could include new legislation that may increase or decrease projected funding at any level (Federal/State/Local), or could affect grants or designated funds as they are currently received. If you are aware of “outside” funding sources that will expire or be reduced on a set cycle or date, please note those below and how you are planning for them.**

Possible county and state legislative funding may be requested to support a large effort in finding root cause of HAB and remediation efforts. Spotsylvania County through Richard Street would be part of this effort. Mr. Street is on the joint LAAC HAB committee as well as LACA.

**Please detail below any identified agency needs or areas of concern that are currently not being addressed in your funding request. This could include training or technical assistance for specific areas, administrative support for a program or service, evaluation of current programs, or consultation for strategic planning, board support, or fundraising.**

Lake Anna is experiencing a problem with the growth of blue-green algae, which can release toxins into the water. As a result, LACA, DEQ, and the Virginia Department of Health has been monitoring part of the lake for the presence of toxic algae and has issued no swim advisories for some parts of the lake including its crown jewel, Lake Anna State Park when algae blooms have been detected.

As a result, there has been much concern over the safety of the water, by residents, local businesses that count on visitors to the lake for their livelihood, and to the several State Agencies responsible for water quality. The Lake Anna Environmental Committee of the Lake Anna Civic Association (LACA), working with the Lake Anna Advisory Committee (LAAC) has researched past lake history, held informal discussions with DEQ, searched the internet for similar sized lakes with algae problems, met with the three Soil and Water Conservation District supervisors, engaged Virginia Tech in additional water sampling, and held phone conversations with university researchers at other lakes that have similar issues. The answers all come out the same. Nutrients entering the water will have to be controlled in order to reduce the growth of the unwanted algae.

As the plan is developed with possible Stream Fencing and Buffers as well as wetland construction, LACA may come back to the Board for additional funding and support.



## Other Agency Information?

**Is there any additional information that the agency would like to provide, and that hasn't already been provided in this application, that will help Spotsylvania County in the review of your application and funding determination?**

Spotsylvania County has been a good partner in providing grant funds for LACA Water Quality at Lake Anna. This partnership, along with the LACA volunteers, and with Louisa and DEQ support provides the necessary tools to keep this program working. In the future LACA; as it spend down its current internal funds on HAB, it may be necessary to request additional support and funding from the Spotsylvania County

**Program Service Data:**

**Service Period:**

**July 1, 2019**

**to**

**June 30, 2020**

Locality Served	Total Served		Gender		Race					
	FY2019	FY2020*	Male	Female	Caucasian	African American	Asian	Hispanic	American Indian	Other
Fredericksburg										
Caroline										
King George										
Spotsylvania	All	All								
Stafford										
Other										
<b>Total</b>										

*\*Please include the projected number to be served in each locality for the upcoming fiscal year.*

Locality Served	Age Groups								Income Levels				
	0-4	5-10	11-13	14-18	19-25	26-40	41-60	60 +	Under \$10,000	\$10,000 - \$19,000	\$20,000 - \$39,000	\$40,000 - \$59,000	Over \$60,000
Fredericksburg													
Caroline													
King George													
Spotsylvania													
Stafford													
Other													
<b>Total</b>													

Please describe below your data collection methodology and tracking measures. Indicate systems or processes that are used and responsible parties. Please also describe how your projections are determined for the upcoming year. If any of the above information is not available, please indicate why: