

LAKE ANNA CIVIC ASSOCIATION  
P.O. Box 217, Mineral, VA 23117-0217  
Website: [www.lakeannavirginia.org](http://www.lakeannavirginia.org)

October 2, 2013

Ms. Aimee R Mann, Deputy Clerk  
Spotsylvania County Board of Supervisors  
P.O. Box 99  
Spotsylvania, VA 22553

**Subject:** Application for Grant Funding, FY 2015

Dear Ms. Mann

An application on behalf of the Lake Anna Civic Association (LACA) for funding in FY2015 is included herein as enclosures sent by e-mail. For FY2015, LACA is requesting \$7,000.00 for the water quality monitoring of Lake Anna and its tributaries as outlined in the request and discussed at the BOS meeting in September by Larry Zemke of LAAC. Our cost for sample laboratory analysis has increased significantly and the \$2,000 increase is justified.

Attached are copies of the following supporting documents.:

1. Regional Agency Application for FY2015 LACA
2. The LACA Leadership Roster dated April 11, 2013 with e-mail addresses and phone numbers.
3. The end of the FY2013 treasurer's report presented to the Board of Directors in July 2013. Two Directors worked independently to complete an audit of LACA financial records and neither was able to find a problem.
4. A copy of the Lake Anna Monitoring Stations 2015 and Table of LACA monitoring stations to be used for FY2015.

The IRS letter of February 22, 2002 designating Lake Anna Civic Association as a 501(c)(3) organization, and the latest income tax return, IRS Form 990EZ for 2010, are already on file with Spotsylvania County. If needed they can be re-submitted.

Our quality assurance/quality control (QA/QC) manual, which was updated in November 2012 has been approved by the Virginia Department of Environmental Quality (VDEQ). As one of the few VDEQ level III certified citizen monitoring groups in the state, our data is certified at the same level of quality as that of VDEQ. This is a tribute to our large base of citizen volunteers who work tirelessly with the support of grants from local jurisdictions like Spotsylvania County. VDEQ uses LACA's program as an example for all new citizen monitoring group startups. LACA's Protocol Manual covers all aspects of our monitoring program from calibration/maintenance of the expensive instruments needed for data recording to the collection and processing of water samples for the laboratory. Water samples are analyzed under a Memorandum of Agreement with the state lab in Richmond, DCLS, at our expense. From a health standpoint, the water samples collected for analysis of e-coli are probably the most important. LACA is the only one assessing water quality and collecting water samples for analysis in the upper part riverine arms of the lake. We frequently find significant levels of e-coli in the North Anna River, Pamunkey Creek, Terry's Run, and Goldmine Creek. No level of e-coli is safe for primary contact recreation (e.g., swimming). VDEQ, Virginia Department of Health (VDH), and the State Water Control Board have set 235 coliform units (CFU) per 100ml as a reasonable risk. At this level they estimate that 8 of 100 persons may ingest sufficient water to develop some level of e-coli infection.

The need for funding to continue the LACA water quality program is critical. In FY 2013 approximately 1,600 man-hours were donated by citizen volunteers on water quality work. The funds we are requesting are less than the taxes on just one of the waterfront properties on the lake.

Thank you for your attention to this application. If you need additional information do not hesitate to call or e-mail me.

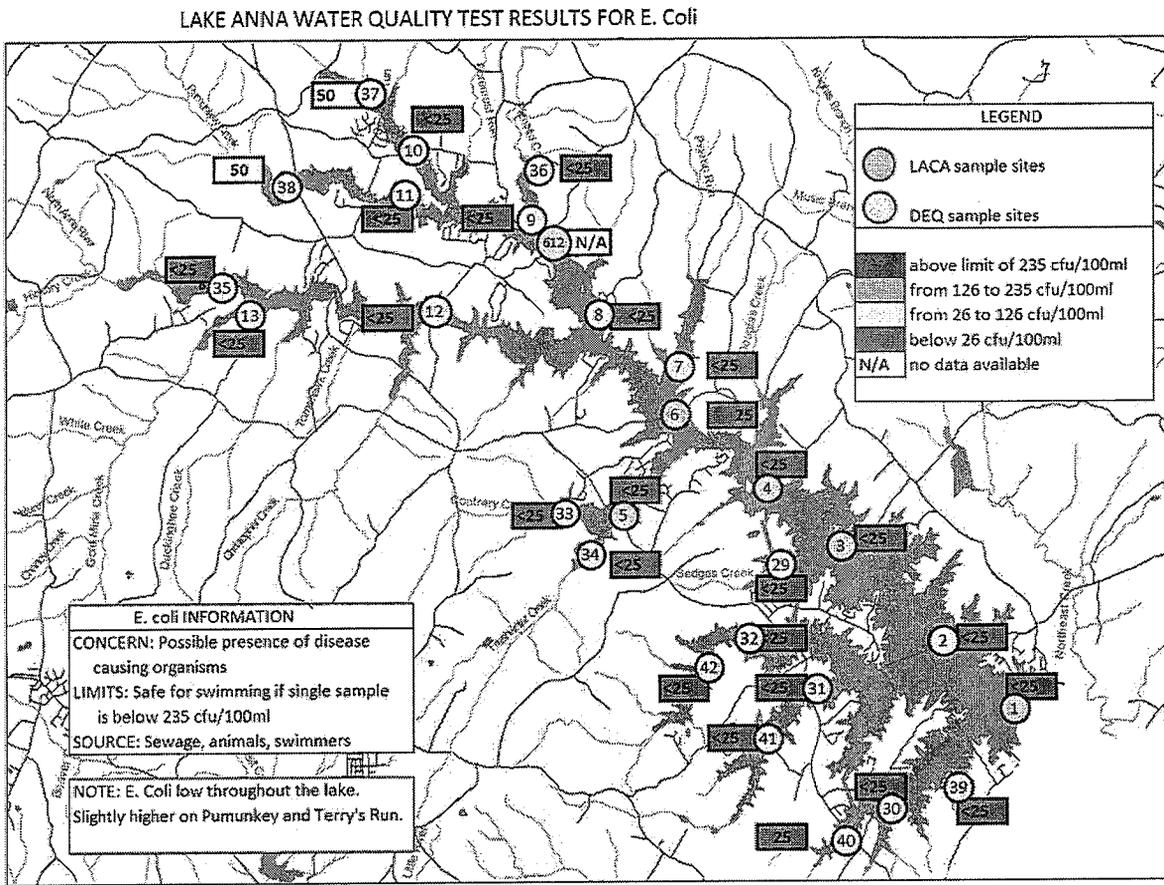
Sincerely yours,

*Kenneth Remmers*

Kenneth Remmers, Chairman Water Quality/ Grant Writer  
13130 Westbrook Dr.  
Fairfax, VA 22030  
Phone: 703-968-2430  
E-Mail: [remmerskd@verizon.net](mailto:remmerskd@verizon.net)

Enclosures:

# 1. Site Location Map



Sites to be monitored by LACA and DEQ for CY2015

No	LACA ID	Description	Latitude	Longitude
1	8-NAR-1-LACA	Main lake - 100 yds from dam	38° 00' 57"	-77° 42' 58"
2	8-NAR-2-LACA	Main lake south of River Bend Island	38° 01' 55"	-77° 44' 15"
3	8-NAR-3-LACA	Main lake south of Smith's Point	38° 03' 13"	-77° 45' 56"
4	8-NAR-4-LACA	Main Lake north of power plant	38° 04' 11"	-77° 47' 15"
5	8-NAR-5-LACA	Rt. 652 bridge over Contrary Creek Arm of Lake	38° 03' 47"	-77° 49' 55"
33	8-CON-33-LACA	Contrary Creek Arm of Lake Anna - upstream	38° 03' 50"	-77° 49' 57"
6	8-NAR-6-LACA	Main Lake North of Rt. 208 Bridge	38° 05' 10"	-77° 48' 55"
7	8-PGN-7-LACA	Pigeon Run arm of Lake Anna across from State	38° 05' 46"	-77° 48' 52"
8	8-PMC-8-LACA	Pamunkey Creek arm of Lake Anna north of the	38° 06' 35"	-77° 50' 17"

		Pamunkey Creek arm of Lake Anna south Rt. 612	38° 06'	-77° 51'
34	8-FWC-34-LACA	Freshwater Creek (upstream tributary of Contrary	38° 03' 13"	-77° 50' 29"
9	8-PLT-9-LACA	Plentiful Creek arm of Lake Anna	38° 07' 56"	-77° 51' 27"
36	8-PLT-36-LACA	Plentiful Creek upstream	38° 08' 37"	-77° 51' 20"
10	8-TRY-10-LACA	Terry's Run arm of Lake Anna	38° 09' 46"	-77° 53' 34"
37	8-TRY-37-LACA	Terry's Run upstream	38° 09' 46"	-77° 54' 25"
11	8-PMC-11-LACA	Pamunkey Creek arm of Lake Anna	38° 08' 20"	-77° 53' 42"
38	8-PMC-38-LACA	Pamunkey Creek arm of Lake Anna	38° 08' 30"	-77° 55' 47"
12	8-NAR-12-LACA	North Anna River arm of Lake Anna above Rt. #719	38° 06'	-77° 53' 9.3"
13	8-GMC-13-LACA	Gold Mine Creek arm of Lake Anna	38° 06' 43"	-77° 56' 32"
35	8-NAR-35-LACA	North Anna upstream	38° 07' 07"	-77° 57' 15"
29		At North Anna Power Station Outfall	38° 03' 02"	-77° 47' 02"
30	8-RCK-30-LACA	Rock Creek west of Robbies Island	37° 59' 39"	-77° 45' 15"
39	8-DAV-39-LACA	David Creek	37° 59' 45"	-77° 43' 59"
40	8-COL-40-LACA	Coleman Creek upstream of 652 bridge	37° 59' 05"	-77° 46' 01"
31	8-MLN-31-LACA	Millpond Creek at 652 bridge	38° 01' 17"	-77° 46' 33"
41	8-MLN-41-LACA	Millpond Creek new Gioia Cove	38° 00' 35"	-77° 47' 20"
32	8-ELK-32-LACA	Elk Creek east of Showman Island	38° 02' 01"	-77° 47' 41"
42	8-ELK-42-LACA	Elk Creek near Beaver Creek	38° 01' 31"	-77° 48' 25"

Note: All sites are monitored four time a year (April, June, August, and October)

**Note: All sites are located by the volunteers with GPS.**



**Spotsylvania County**  
 Partner Agency Application for Funding  
 FY 2015  
**FACE SHEET**



<b>Agency Name:</b> Lake Anna Civic Association	
<i>Has Spotsylvania County Funded This Agency in Previous Years?</i> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Physical Address:	None
Mailing Address/PO Box:	PO Box 217
City:	Mineral
State:	VA
Zip:	32117
Telephone Number:	540 894 9094
Fax Number:	
Federal Tax ID #:	54-1576137
Web Address:	<a href="http://www.lakeannavirginia.org">www.lakeannavirginia.org</a>
General Email Address:	<a href="mailto:LACA@lakeannavirginia.org">LACA@lakeannavirginia.org</a>
<b>Agency Main Contact:</b>	Doug Smith
Title:	President
Telephone Number:	540-894-9094
E-Mail Address:	<a href="mailto:dougsmith@firstva.com">dougsmith@firstva.com</a>

**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, and community involvement.

**Number of years agency has been in operation:** 22

**Localities Served:** Spotsylvania, Louisa, and Orange Counties

**Agency Financial Information**

List Programs	Personnel Expenses	Benefits	Operating Expenses	Total Program Budget	Requested from Spotsylvania
1. Water Quality Testing	0	0	20,000	20,000	7,000
2. Fireworks	0	0	21,000	21,000	0
3. Newsletter/info	0	0	3,650	3,650	0
4.					
5.					
<b>Agency Administration:</b>	0	0	10,000	10,000	0
<b>Capital Outlay:</b>	0	0	0	0	0
<b>Total Agency Budget:</b>			<b>54,650</b>	<b>54,650</b>	<b>7,000</b>

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 under each program budget.

<b>Attachment Checklist:</b> (include 2 copies of each)	<input type="checkbox"/> IRS 501(c)(3) Letter	<input type="checkbox"/> Audit Report (with Audit Management Letter)	<input type="checkbox"/> Current Financial statement	<input type="checkbox"/> IRS 990
<input type="checkbox"/> Accountant Contact Information	<input type="checkbox"/> Organizational Chart	<input type="checkbox"/> Current Board Roster (with contact information)	<input type="checkbox"/> Agency's Current Strategic Plan	
<b>Agency Director's Signature:</b>			<b>Date:</b>	

If your agency is requesting an increase or decrease in funding as shown on the Agency Financial Information Chart included on the Face Sheet, please describe, in detail, the reasons for these changes, in each category below for the Agency as a whole. Program specific increases can be given under the program descriptions in the next section. (The individual descriptions should not exceed 20 lines of text.)

**Agency Administrative Expenses:**

Laboratory cost for analysis of samples for E-coli, Total Phosphorous, Total Nitrogen, and Chlorophyll A have gone up significantly and these cost were absorbed for the last three years but this can no longer can be done. An increase of \$2,000 to \$7,000 is requested.

**Capital Outlay:**

**Historical Budget Information**

Please complete the following chart with the financial information for the agency as a whole. In each area include the revenue specifically allocated to your agency from each locality/entity listed below.

	FY 2013 Actual	FY 2014 Budgeted	FY 2015 Projected
Caroline			
Fredericksburg			
King George			
Spotsylvania	4,300	4,300	7,000
Stafford			
United Way			
Grants	10,000	10,000	10,000
Client Fees			
Fundraising	21,000	21,000	21,000
Other (explain below)	13,650	13,650	13,650
<b>Total Agency Revenue</b>	<b>48,950</b>	<b>48,950</b>	<b>51,650</b>

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

Annual Dues from members - - 11,400  
 Advertisements in newsletter - 1,250  
 Contributions (individual) ----- 1,000

**Application Checklist**

<b>Items to be completed</b>		<b>Comments:</b>
<input type="checkbox"/>	Face Sheet	
<input type="checkbox"/>	Program Name	
<input type="checkbox"/>	Program Purpose/Description	
<input type="checkbox"/>	Justification of Need	
<input type="checkbox"/>	Target Audience	
<input type="checkbox"/>	Service Area	
<input type="checkbox"/>	Service Delivery	
<input type="checkbox"/>	Client Fees	
<input type="checkbox"/>	Budget Information	
<input type="checkbox"/>	Goals and Objectives	
<input type="checkbox"/>	Program Goal	
<input type="checkbox"/>	Most Recent Data Chart	

**Each agency submitting a funding request must fill out the following pages for *each program* serving Spotsylvania County Citizens and for which funding is requested. Any incomplete applications or programs that do not have a full application will not be considered for funding. PLEASE do not include any unrequested information. Spotsylvania County reserves the right to request additional information once the application has been submitted.**

<b>Program Name:</b>	LACA Water Quality Testing	<i>Is this a new program?</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>Program Contact:</b>	Ken Remmers	<b>Title:</b>	Chair, WQT Committee
<b>Telephone Number:</b>	703-968-2430		
<b>E-Mail Address:</b>	remmerskd@verizon.net		

**1. Program Purpose/Description:** *(the following description should not exceed 10 lines of text)*

Provide residents and users of Lake Anna an early warning system for water quality by regular sampling of water from 30 locations around the lake to form a comparative data base of trends in water quality and to notify VA DEQ of samples that exceed quality standards as determined by DEQ.

**2. Justification of Need:** *(Please state clearly why this service should be provided to the citizens of Spotsylvania County and why the Board of Supervisors should consider this funding request. If this is a new program, be sure to include the benefit to the County for funding a new request. The following should not exceed 10 lines of text, and should include the most recent data available.)*

Volunteers do the work but expenses are incurred in performing lab analysis of samples and maintenance and calibration of the equipment needed to collect samples in accordance with DEQ guidelines.

**3. Target Audience:** *(The following should describe the specific population targeted by the program and should not exceed 5 lines of text.)*

Residents and recreational users of Lake Anna

**4. Service Area:** *(Please describe the program's intended geographic service area. This may include entire regions, localities, or specific schools, neighborhoods, etc.)*

Nearly half of the samples collected are in Spotsylvania County, the rest in Louisa County

**5. Service Delivery:** *(Please state the geographic location of the service, the duration and frequency offered to the clients.)*

Samples are taken every other month April through October

**6. Client Fees:** *(Please describe the fees clients must pay for the services provided in this program, and how those fees are determined.)*

No fees are charged

**7. Budget Information:** *(Please complete the following chart with the financial information for this program. In each area include the dollars specifically allocated/requested for this program.)*

	<b>FY 2013 Actual</b>	<b>FY 2014 Budgeted</b>	<b>FY 2015 Projected</b>
Caroline			
Fredericksburg			
King George			
Spotsylvania	4,300	4,300	7,000
Stafford			
United Way			
Grants			
Client Fees			
Fundraising			
Other	10,000	10,000	10,000
<b>Total Program Budget</b>	<b>14,300</b>	<b>14,300</b>	<b>17,000</b>

Please indicate, in detail, reasons for increases or decreases in the amounts requested for FY 2015. 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 program. In particular, please note if any increase is sought for new positions or personnel, please explain in detail.

Laboratory cost for analysis of samples for E-coli, Total Phosphorous, Total Nitrogen, and Chlorophyll A have gone up significantly and these cost were absorbed for the last three years but this can no longer can be done. An increase of \$2,000 to \$7,000 is requested.

**8. Goals, Objectives, & Evaluation:** *(Please provide the following information regarding the goals and objectives for your program. Space has been provided for two goals, with two objectives per goal. If your agency is funded by the United Way, please include a copy of your Logic Model for this program as a supplemental attachment. Individual descriptions should not exceed 5 lines of text.)*

**Program Goal 1:**

**Sample and obtain lab analysis of Lake water at 30 locations bimonthly through the high use period of the year ( April thru October)**

**Objectives:**

**1a. Recruit volunteer cadre to do testing**

**1b. Obtain funding to support testing analysis and maintenance of equipment**

**Program Goal 2:**

**Objectives:**

**2a.**

**2b.**

**Evaluation Method:** *(Please describe the method used to measure the above goals/objectives. Please do not exceed 10 lines of text.)*

We have developed a data base of test results for trend analysis and conducted all notifications of out of range tests to DEQ. DEQ in conjunction with VA Dept Health determine if any further actions are warranted.

**9. Outcome Data:** *(Please give the most recent outcome data for the objectives above. Indicate below what time period the data covers.)*

**Data Collection Period:**

**Objective 1a.**

At least 30 volunteers are available

**Objective 1b.**

Full funding of \$20,000 is obtained to support the program

**Objective 2a.**

**Objective 2b.**

**10. Program Goal Updates:** *(Please provide a brief description of the current status of your program goal(s), given your outcome data. For example, if reported data was well below the stated outcome measure, please indicate why you feel that is the case. Also, include how your outcome data will influence or modify the program for the upcoming fiscal year. These descriptions should not exceed 20 lines of text.)*

**Program Goal 1:**

LACA has annually provided data to DEQ and tracked water quality trends for the lake. Notifications have been made to DEQ for out of safe range tests and DEQ. So far no notifications to residents have been required.

**Program Goal 2:**

**Spotsylvania County**  
 Partner Agency Funding Application FY 2015

Lake Anna Civic Association (LACA)

Program Service Data:		Service Period:		to						
Locality Served	Total Served		Race							
	FY 2013	FY 2015*	Male	Female	Caucasian	African American	Asian	Hispanic	American Indian	Other
Fredericksburg										
Caroline										
King George										
Spotsylvania										
Stafford										
Other										
Total										

\*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	18-25	25-40	40-60	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													
Total													

If any of the above information is not available, please indicate why:

No data is collected on the total number of residents that use the lake nor the number of day recreational users that frequent the lake.

JUL 2013

Grant Details

	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Tot YTD</u>
<b>Income</b>													
Ches Bay Restor Fund (DCR)													0.00
Dept of Environmental Quality													0.00
Louisa County													0.00
Spotsylvania County - Water Qual													0.00
Spotsylvania County - PCB													0.00
Dominion													0.00
Privately Donated-Designated													0.00
Capitol Equipment Reserve Fund													0.00
Grants for Stream Monitoring													0.00
Water Quality Demo Project													0.00
<b>Total Water Qual</b>	<b>0.00</b>												

<b>Expenses</b>													
Ches Bay Restor Fund (DCR)													0.00
Dept of Environmental Quality	1,000.00												1,000.00
Louisa County	737.15												737.15
Spotsylvania County - Water Qual	500.00												500.00
Spotsylvania County - PCB													0.00
Dominion													0.00
Privately Donated-Designated													0.00
Capitol Equipment Reserve Fund													0.00
Grants for Stream Monitoring	209.00												209.00
Water Quality Demo Project													0.00
<b>Total Water Qual</b>	<b>2,446.15</b>	<b>0.00</b>	<b>2,446.15</b>										

<b>Total All Grants</b>													
<b>Income</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Expenses</b>	2,446.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,446.15

JULY- Moved \$330 out of LACA general funds over to Stream monitoring, gift check from James Backley  
 AUG - Refund of \$217.01 overpaid last fiscal year

NOV - moved \$641.88 from WQ Demo project income to Grants for Stream Monitoring (orig in July)