

NAPS News

Northumberland Association for Progressive Stewardship
"Northumberland is going to grow. Let's help it grow with order and beauty."

Summer 2016

Volume 25, Issue 3



Welcome to the Summer 2016 Issue of NAPS News.

Here's what was happening this season, but first a couple of dates to hold:

Fall Highway Pick-up. Wednesday, October 26 at Wicomico Church at 10:30.

NAPS Annual Social and Distinguished Citizen Award. Changed to Saturday, November 5 at Bay Quarter Shores Clubhouse, 4 to 7 p.m.

NAPS Names Parker Distinguished Citizen. Robert Parker has worked with the Boy Scouts for 14 years. > > >

You're Invited. Bob Parker will be honored at the NAPS Social.

Vision 2048: Northumberland County and Northern Neck. NAPS has launched a new initiative.

NAPS Sponsors Field Trip to LEGO Exhibit. Shauna McCranie reports on the fascinating outing.

Northern Neck Vulnerabilities to Climate Change. Dr. Greg Haugan outlines the hazards ahead.

CCL Update. Related to the above, Dr. Haugan adds what should be done now.

Financial and Membership Reports. NAPS is in good shape in the bank, but membership is a concern.

Highway Clean-up Help Wanted. The more volunteers, the easier it is to do the job.

NAPS Calendar.

NAPS Officers & Board Members.

Final Note. Due to career factors, Pam Hagy has had to resign her position on the Board. We need nominations for a replacement – or someone to step up to the plate now. Contact either Lee Allain or Lynton Land.

To keep up with NAPS on a regular basis, check out our web site: www.napsva.org.

– Jay Walker, Editor

NAPS Names Parker Distinguished Citizen

By Jay Walker

NAPS Board of Directors has announced that the 2016 Distinguished Citizen Award goes to Robert Parker for his "positive influence on students and Boy Scouts for the last 20 years in the Northumberland Community."

According to the citation signed by Co-Presidents Lee Allain and Dr. Lynton Land, Parker has worked in the Northumberland school system and at Rapahannock Community College as "a superb educator, encouraging students to excel in math and science."



NAPS 2016 Distinguished Citizens Award goes to Bob Parker.

In 2015 he completed 14 years as Cubmaster and Scoutmaster of Pack and Troop 250, helping boys to learn new skills and to excel at what they do.

Along the way, he has seen numerous scouts succeed as Eagle Scouts. He has assisted scouts with many special projects supporting the community at large.

"We have had 22 boys complete (one is still finishing) Eagle projects in the community. These include several bridges on the nature trails, signage and educational boxes on those

trails and one walkway. Other projects have erected flag poles at the sheriff's office, two churches and the Richmond County Schools," Parker reported.

Parker recently took advantage of a NAPS offer to take his troop into the Chesapeake environment by setting up an Eco-Tour on the water to give them personal experience with the Bay.

In February 2015, the Northumberland Board of Supervisors honored him by County resolution for service to the county, children and citizens. In fact, February 28, 2015 was declared to be Robert M. and Patricia M. Parker day for their respective contributions to the community.

Parker's Boy Scout service included his sons. He points out that both of his sons earned their Eagle Scout rating, and both did projects supported by NAPS. Today, he adds, his son Ryan is in his second year of graduate school

Continued on Page 2...

NAPS Distinguished Citizen (from pg. 1)

studying Occupational Therapy at Shenandoah University and his youngest son, Adam is a sophomore at the University of Utah, studying Outdoor High Adventure Programming and Therapeutic Recreation.

The NAPS citation concludes: "Mr. Parker has consistently been a positive force in the community, helping students develop their potential as part of the Northumberland Community."

His Boy Scout activities extend to the national level, as well. Parker is serving on the leadership team for the STEM-Quest area at the 2017 National Jamboree. "Our area exposes scouts to the areas of Science, Technology, Engineering, and

Math in partnership with exhibitors from universities and corporations. This year we will have exhibitors from NASA, Lincoln Welding, the Army Corp. of Engineers, and West Virginia Department of Forensics Science," he explained

"Because of his long years of service, NAPS is proud to present Bob with our Distinguished Citizen Award for 2016" said NAPS Co-President Allain.

The formal presentation of the Distinguished Citizen Award will take place at the NAPS Annual Social, Saturday, November 5 at the Bay Quarter Shores Clubhouse. For details, see separate story: "You're Invited."



NEWS

You're Invited

You're invited to the NAPS Social on Saturday, November 5 at the Bay Quarter Shores Clubhouse from 4 to 7 p.m. We will officially present the Distinguished Citizen Award to Bob Parker for his positive influ-

ence on students and Boy Scouts for the last 20 years in the Northumberland community. See separate story for details of Bob's contributions.

Dinner will follow the presentation. Appetizers, drinks, chicken dinner with home-made sides, and dessert (NAPS signature ice cream sundaes) are all yours for only \$15 per person.

As always, in our volunteer-supported organization, we need all the

help we can get. While the chicken will be catered, side dishes contributed by YOU would be MOST appreciated. We also need help in setting up and cleaning up. To do your part for NAPS, please contact Janice Mahoney at (804) 580-3154 or email to vervaville@yahoo.com.

The venue, with water view, is perfect for indoor/outdoor entertaining. Bay Quarter Shores Clubhouse is reached from Rt. 360 in Claraville. There will be NAPS signs at the turns onto Walnut Point Road, Font Hill Road, Bay Quarter Road, Cod Creek Drive, and Bay Quarter Drive. Ample parking is available in front of the clubhouse.

You will receive a formal invitation with a form to fill out and a return envelope. You can also contribute to the ANGEL LIST for an additional contribution with the form.

Hope to see you at the NAPS Social.



ENVIRONMENT

Vision 2048: Northumberland County and Northern Neck

By Dr. Greg Haugan

In 2048 Northumberland County will be 400 years old. To look ahead, NAPS is teaming-up with Shauna McCranie of the Northumberland Public Schools, including the Middle School "Community Problem Solvers" and "Talented and Gifted" group of students, in writing a Journal-like document for the NAPS membership, the Board of Supervisors and the Planning Commission.

In this document we will present our vision of what the County would be like in 32 years – or 2048. We have developed a shopping list outline that is currently being reviewed by the students and

members of the NAPS Board to identify areas of interest. Typical areas include renewable energy, Bay biota, demographics, fresh water status, education changes, botany, health and the like.

We are using the Google Docs web application as our platform so that all involved may track and comment on the various sections as they are developed. Our plan is to complete the writing and editing by next May and publish in June 2017. NAPS members interested in participating should contact Greg Haugan at greghaugan@gmail.com or Shauna McCranie at smccranie@nucps.net for further information.

EDUCATION

NAPS Sponsors Field Trip to LEGO Exhibit

By Shauna McCranie

Thanks to a NAPS contribution, on August 18 students from the Northumberland Elementary and Middle schools' Talented and Gifted program visited the exhibit "Nature Connects" at the Lewis Ginter Botanical Gardens in Richmond.

Nature Connects is a traveling exhibit of 27 sculptures constructed from half-million LEGO pieces. The exhibit includes a seven-foot-long life-size bison, a 60 pound bumblebee, and a swallowtail butterfly built from 37,481 LEGO bricks.

New York artist Sean Kenney created the exhibit. Each sculpture has an internal structure of steel rods and plates that provides balance and sup-

port. The bricks are glued together to create the finished sculpture. The exhibit hopes to educate students on how all of nature is interconnected.

As the students viewed the sculptures they had a scavenger hunt guide and used STEAM skills (Science, Technology, Engineering, Art, and Math) to link connections to their own after-school programs in Northumberland on LEGO Robotics. NAPS funded this trip and has worked with students on robotics skills for years, having received a grant to purchase LEGO kits for both the Elementary and Middle Schools. The exhibit at the Ginter Botanical Gardens is open until September 18.



Sculptures at the LEGO exhibit at the Ginter Botanical Gardens in Richmond



Northumberland School students at the LEGO exhibit included: (Back row, left to right) Hannah Jett, Abby Jennings, Trey Vanlandingham, Channing Reynolds, Hallie Shackelford, not pictured Sophia Sapanara, Teagan Mullins, Grant Biddlecomb, Jay Bea.

(Second row, left to right) Joline Haynie, Brayden Newsome, J.P. Withers, Joseph Scripture, Nash Withers, Will Biddlecomb, Brady Mullins, Camdin Sisk. (Front row, left to right) Emma Brown, Abi Contreras, Cooper Haynie, Luke Sisk, Ava Wilson, Olivia Newsome, and Tucker Webb, not pictured Darrah Downing.



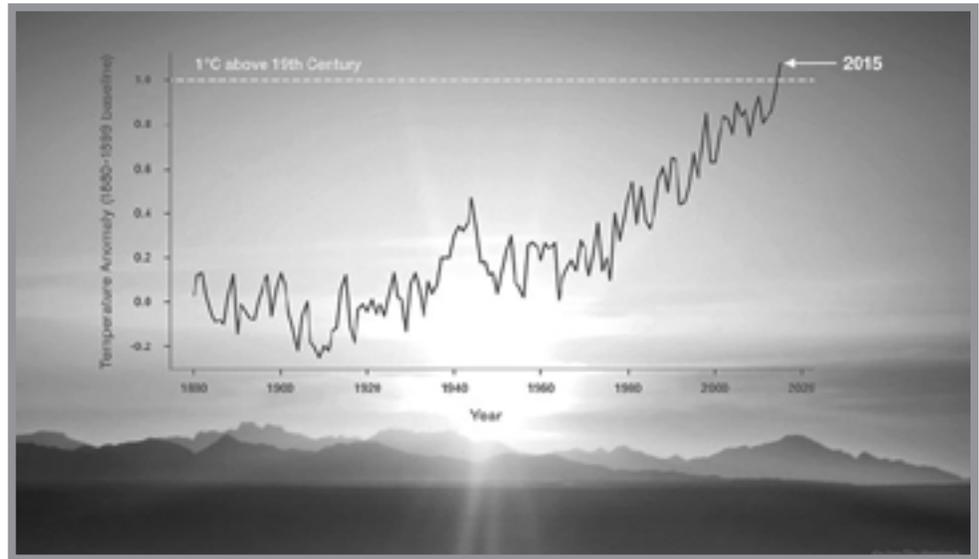
CLIMATE CHANGE

Northern Neck Vulnerabilities to Climate Change

By Dr. Greg Haugan

We are very fortunate that we live here in the Northern Neck. Although we are less impacted by various aspects of ongoing climate change than many other places in the U.S., we are still vulnerable to many by-products. Following is a summary of our vulnerabilities.

1. **Downpours:** Heavy, sustained rainstorms like those that hit Ellicott City, MD and Louisiana are forecast for Virginia and are expected to increase. Warmer air holds more water. People living downstream of ponds with earthen dams are at risk as well as those near low areas away from the shorelines. Erosion is a concern.
2. **Hurricanes:** The forecast is for the annual number of hurricanes to stay constant or decrease slightly; however, the intensity is expected to increase due to the larger temperature differentials occurring as ocean waters continue to grow warmer. We must keep prepared for hurricanes and severe northeasters.
3. **Heat Waves:** Currently we get approximately 20 to 22 days with temperatures over 90° F each summer. Projections are that this number will triple by mid-century and be accompanied by increasing humidity. Additional cooling stations will be needed and outdoor activities will be increasingly limited.
4. **Recurring Flooding:** The VIMS Report on Recurrent Flooding showed that 25 miles of roads in Northumberland County are expected to be subject to recurrent flooding in 30 to 50 years. The impact of increasing sea level rise plus land subsidence results in an increase in the number of days of tidal flooding in Lewisetta, for example, to nearly 350 times per year by 2045, including every high tide.
5. **Sea Level Rise and Storm Surge:** The VIMS Study also



2015 was Planet Earth's warmest year since modern record-keeping (Graph: NASA)

recommended that communities in Virginia plan for 1.5 feet of sea level rise plus 3.0 feet of storm surge when designing new housing or infrastructure near the water with a life of 30 years. Actual storm surge during recent hurricanes has been over 4 feet.

6. **Bay and River Warming:** The Chesapeake Bay is warming as is the Atlantic Ocean. This impacts the ocean life in many unpredictable ways. Some fish are moving northward into the Bay while others are seeking cooler waters as the temperatures and food supplies change.
7. **Bay and Tidal River Acidification:** The pH of the oceans is changing and becoming more acidic as the water absorbs CO₂ from the atmosphere and from acid rain. Fertilizer in runoff into the Bay exacerbates the effects of acidification. If the water gets too acidic, it interferes with the chemistry of shell building in oysters and other shellfish.
8. **Forest Fires and Droughts:** While other parts of the U.S. are suffering from droughts and forest fires, these are not an anticipated direct problem of Virginia. However, we are impacted secondarily as arable land decreases and crops of all kinds are diminished.

Some of these vulnerabilities we can adapt to, others we can work around, and others depend upon significant mitigation efforts worldwide. For nearly 30 years Congress has ignored warnings from our scientific community, so most of these vulnerabilities are "locked-in" and will only get more severe in the last half of this century. Then, the Northern Neck, as elsewhere in Virginia, will not be such a comfortable place to live. The principal, effective mitigation strategy involves putting a price on carbon dioxide and other greenhouse gases and reducing emissions.

NAPS Calendar

NAPS Board Meetings are held on the second Wednesday of each month, starting at 9 a.m. at the Union First Market Bank on Rt. 360 in Burgess, unless otherwise changed.

- Sep. 14, Wed.NAPS Board Meeting
- Oct. 12, Wed.NAPS Board Meeting
- Nov. 5, Sat.NAPS Social and Distinguished Citizen Award
- Nov. 9, Wed.NAPS Board Meeting
- Dec. 7, Wed.NAPS Board Meeting
- Jan. 11, Wed.NAPS Board Meeting
- Feb. TBDNAPS Annual Meeting
- Mar. 8, Wed.NAPS Board Meeting
- Apr. 12, Wed.NAPS Board Meeting
- Apr. 15, Sat.Earth Day Celebration at Farmers Market

CLIMATE CHANGE CCL UPDATE

By Dr. Greg Haugan

The Citizens Climate Lobby (CCL) organization is best described as an independent associate of NAPS. IRS does not allow NAPS to provide any financial support of CCL. However, the CCL goals of creating a livable planet are congruent with the NAPS goals of conservation and stewardship. The Vulnerabilities to Climate Change described in the above article (p. 4) are all driven by forces outside of and larger than our local control. If we are to meet the NAPS mission of preserving our environmental heritage, it is dependent upon the work of the broader CCL organization.

The CCL at present is focusing on two areas: (1) education of the population of Northumberland County and the Northern Neck on the factors that drive current climate changes; and (2) mitigation of the climate changes by seeking legislation to put a price on greenhouse gas emissions that are causing the ongoing environmental distresses outlined in the "Vulnerabilities" essay. The second factor involves getting legislation passed by Congress putting a price on CO₂ and other greenhouse gases through a fee on fossil fuels where they enter the economy, and rebating 100% of the revenues back to households in the form of a monthly dividend check. This is called Carbon Fee and Dividend (CF&D). Economic analyses show this approach results in job growth and a stimulated economy as well as reduction in greenhouse gas emissions.

CF&D legislation is essential in partnership with us all supporting reducing carbon footprints and conserving energy as well as developing renewable energy sources to replace fossil fuels.

The CCL group meets monthly on the first Tuesday evening at 7:00 pm at the Northumberland Library to discuss issues and strategies to get our Congressman, Rob Wittman, to take action to mitigate climate change. In other words, **do something about the vulnerabilities**. We have met with him and his staff on numerous occasions, so we know he understands the problems.



NAPS FINANCIAL REPORT

NAPS is in relatively good financial condition. The financial statement indicates a current year net of \$329.90 to date and \$4,876.74 in the checkbook that includes \$4,546.84 carryover from 2015. As shown in the Membership Report, we are running a little behind in our membership dues payments, nothing serious, but we would prefer to have a net to date of over \$1,000.00 to minimize any net loss for the year.

We have made our major expenditures for the year: \$2,500.00 in Scholarships; \$425.00 in support of the SeaPerch project at the Middle School; \$832.00 to support Christopher Hall in his Eagle Scout Project at the Elementary School; and \$300.00 to support an EcoTour on May 9. (Another EcoTour is coming up in October.) We also supported a group of Elementary and Middle School Talented and Gifted (TAG) students to visit the LEGO exhibit at Ginter Botanical Gardens in Richmond.

– Gregory T. Haugan, Treasurer. Aug. 22, 2016

NAPS Financial Report – 8/22/2016

Starting Balance	(1/1/2016)		\$4,546.84
REVENUES	Dues	\$5,610.00	
	Endowment	\$110.00	
	Other	\$630.00	
	Total Revenues		\$6,350.00
EXPENSES	Administration	\$1,044.67	
	Donations & Scholarships	\$2,610.00	
	Membership & Newsletter	\$180.92	
	Events	\$670.51	
	Projects	\$1,514.00	
	Other	\$0.00	
	Total Expenses		\$6,020.10
Current Year Net			\$329.90
Current Cash Bal.			\$4,876.74
OTHER ASSETS	Certificates of Deposit 12/31/15	\$9,368.95	
	Endowment (WF) 3/31/16	\$16,823.99	
	Total Other Assets:		\$26,192.94
	TOTAL ASSETS		\$31,069.68



Northumberland
 Association for
 Progressive
 Stewardship

P.O. Box 567 • Heathsville, VA 22473

NONPROFIT ORG.
 U.S. POSTAGE PAID
 HEATHSVILLE, VA
 PERMIT NO. 37

ENVIRONMENT

Highway Clean-up Help Wanted

The fall Adopt-a-Highway clean-up is set for Wednesday, October 26, starting at 10:30 a.m. from the parking lot of Wicomico Church in Wicomico Church, Virginia, located on Route 200.

NAPS is committed to pick up trash on

the road from the church to Tipers Bridge. That's a formidable stretch cluttered with the usual rubbish dumped by careless travelers. At the spring clean-up on Earth Day, there were not enough volunteers to cover the entire route.

So, coordinator Janice Mahoney is asking for more help. The more people who show up, the easier it is to get the job done. And the effort is worthwhile.

To sign up, call Janice at (804) 580-3154 or email to vervaville@yahoo.com.

NAPS MEMBERSHIP REPORT

The table presents the current membership status versus 2015 as reflected in the numbers of paid-up members this year to date. As can be seen, we are running behind in the Individual and Sustaining categories.

The biggest problem is the dearth of new members. Our community is aging and we are losing members faster than we can replace them. We are also having problems staffing some of our events. We need individual member event support as well as financial support to enable us to continue our programs with the schools and the community.

Member Report	2016 2/18/16	2015 Paid-Up Total
Business	4	4
Family	61	62
Individual	30	41
Patron	6	5
Sustaining	22	28
Student	1	1
Total	124	141

NAPS Officers & Board Members

NAPS Officers

- Co-President..... Lee Allain 529-5491 Leeallain7@gmail.com
- Co-President..... Lynton Land 453-6605 jandl@nnwifi.com
- Co-Secretary..... Ida Hall 804-761-2342 ida@northernneck.com
- Co-Secretary..... Shauna McCranie 580-8032 ismccranie@nucpa.net
- Treasurer Greg Haugan 580-2166 greghaugan@gmail.com

NAPS Board of Directors

- Lee Allain (Term Expires 2/2017)..... 529-5491 Leeallain7@gmail.com
- Ida Hall..... (Term Expires 2/2017)..... 804-761-2342 ida@northernneck.com
- Lynton Land (Term Expires 2/2017)..... 453-6605 jandl@nnwifi.com
- Greg Haugan (Term Expires 2/2018)..... 580-2166 greghaugan@gmail.com
- Myrtle Phillips..... (Term Expires 2/2018)..... 580-8097 myrloophil@gmail.com
- Jay Walker (Term Expires 2/2018)..... 529-9362 jay722ksr@gmail.com
- Janice Mahoney..... (Term Expires 2/2019)..... 580-3154 vervaville@yahoo.com
- Shauna McCranie (Term Expires 2/2019)..... 580-8032 smccranie@nucps.net

News Editor..... Jay Walker 529-9362 jay722ksr@gmail.com

Webmaster Mike Ahart..... 580-9289 mikeahart@kballero.com