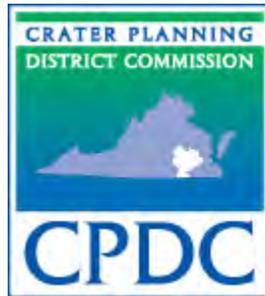


Virginia Coastal Zone Management Project

Final Deliverable Products Report Task 42, Technical Assistance Program



Crater Planning District Commission

November 15, 2013



Virginia Coastal Zone
MANAGEMENT PROGRAM



This project was funded, in part, by the Virginia Coastal Management Program at the Department of Environmental Quality through Grant # NA12NOS4190122 of the U.S. Department of Commerce, National Oceanic and Atmospheric Administration, under the Coastal Zone Management Act of 1972, as amended.

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Project Summary

The Technical Assistance Program includes various activities coordinated and provided by Crater Planning District Commission staff. All work relating to the products listed in the 2012 Virginia Coastal Zone Management Program Grant is summarized below. Any additional environmental tasks completed during the past year have also been outlined.

Product #1 – Environmental Impact Reviews

Commission staff reviewed 25 Environmental Impact Reports during the past year. The projects were varied and included military applications, higher education planning, power generators, recycling facilities, wastewater treatment facilities, water withdrawals, pollution discharge, and grant funding applications.

Product #2 – Report on Coastal Meetings

Three (3) quarterly meetings were held during the past year (2013): January 24, April 5, and June 26. In addition to local government and Crater PDC staff, representatives from the following entities attended at least once: Fort Lee, The U.S. Census Bureau, One Environmental Group, Community Planning Partners, and the Friends of the Lower Appomattox River (FOLAR). A staff training session was held June 3 for a tour of FOLAR public access sites along the Appomattox River. The Crater PDC also attended the Semi-Annual Coastal PDC meeting on July 22, 2013.

Product #3 – Coastal Training

The Commission sponsored several training sessions on the following topics: 1) Effective Use of the U.S. Census, 2) Virginia Outdoors Plan 2013 Update, 3) Brownfield Redevelopment, 4) Activities of FOLAR, 5) Rural Transportation Planning, 6) The East Coast Greenway, and 7) Virginia Legislative Update.

Product #4 – FOLAR (Friends of the Lower Appomattox River)

The Commission staff continued its ongoing support for FOLAR by providing financial administration, meeting facilitation, website maintenance (www.folar-va.org), participation in river events, map production, office space, and grants administration. FOLAR performed approximately 15 local clean-ups and held its 6th Annual Battle or Paddle. It also secured \$26,100 in grants from The Cameron Foundation, The John Randolph Fund, the Soil and Water Board, Walmart, and Virginia American Water. It hired a consultant to do a capacity building study aimed at bringing FOLAR to a higher level of activity and service with the intent of possibly hiring permanent part-time staff. Finally, FOLAR hired a summer intern to assist with administrative needs.

Product #5 – Benefits Accrued From Prior CZM Grants

Commission staff updated our Appomattox River Interpretive guide and produced an online application: <http://www.craterpdc.org/webmaps/arig/> .

Additional Environmental Matters

Commission staff participated in several other environmental activities including the Richmond Area Environmental Education Network, the Petersburg Stormwater Task Force, Chesapeake Bay TMDL Planning, solid waste reporting, the Albemarle-Chowan Roundtable, the Middle James Roundtable, the North Atlantic Coast Comprehensive Study (NACCS), the Beaches to Bluegrass Trail, and the Virginia Coastal Insurance Study.

Environmental Impact Review List
Crater Planning District Commission

<u>ID NUMBER</u>	<u>PROJECT</u>	<u>LOCATION</u>
GW0010100	Sussex Service Authority	Sussex County, VA
VA DEQ #12-189F	Foreign Affairs Training Center	Fort Pickett, VA
	Surry Wastewater Treatment Facility	Dendron, VA
	Pesticide Performance Partnership Grant Application FY14	
	Virginia Army National Guard Integrated Cultural Resources Management Plan	
	Dominion Power Plant Air Pollution Permit	Brunswick County, VA
VA0076520	Jarratt Water Treatment Plant	Jarratt, VA
#13-0505S	Virginia State University Multipurpose Center	VSU
VA0060402	McKenney Sewage Treatment Plant	McKenney, VA
VA0092274	Rohoic Creek Wastewater Treatment Plant	Petersburg, VA
	FY 2014 Public Water System Supervision Grant	
GW0005201	US Army Garrison Groundwater Withdrawal	Fort Lee, VA
	FY 2013 Drinking Water State Revolving Fund Program	
VA0090981	Iluka Resources Inc.	Stony Creek, VA
GW0009000	Beechwood Manor and Jordan on the James Groundwater Withdrawal	Prince George, VA
9VAC20-70	Financial Assurance Regulations for Solid Waste Disposal, Transfer, and Treatment Facilities	
9VAC20-90	Solid Waste Permit Action Fees and Annual Fees	
GW0003601	River's Edge Subdivision Groundwater Withdrawal	Prince George, VA
VA0059072	Georgia-Pacific OSB Plant	Skippers, VA
VA0028916	Greensville-Skippers Wastewater Treatment Facility	Skippers, VA
GW0003901	VEPCO Groundwater Withdrawal	Surry County, VA
VA0092584	Traveler's Inn	Petersburg, VA
01-1719	Appomattox River Water Authority	Petersburg, VA
04-1215	East-West Hallsley, LLC	Chesterfield County, VA
NRC 13-169F	Waste Confidence Rule (Spent Fuel Storage After Licensed Life)	Surry County, VA

Crater Planning Directors Meeting

**Crater PDC Conference Room
1964 Wakefield Street
Petersburg, Virginia**

Noon, Thursday, January 24, 2013

AGENDA

1. Welcome and Introductions
2. Virginia Legislative Update
Martha Burton – Crater PDC
3. Census Data – Supporting the Work of PDCs
Ally Burleson-Gibson
Data Dissemination Specialist
U.S. Census Bureau
4. Rural Transportation Planning
Update
5. Other Local and Regional Planning Issues
6. Next Meeting Date – March, 2013
7. Adjournment

Minutes of the Crater Planning Directors meeting held on Friday, January 24, 2013 in the Crater PDC Conference Room, 1964 Wakefield Street, Petersburg, Virginia.

Attendees: Ally Burleson-Gibson, US Census; Steve Hall, Emporia; Douglas Miles, Prince George County; George Schanzenbacher, Colonial Heights; Mark Bassett, Dinwiddie County; Chris Gwaltney, Surry County; Debbie Kilpatrick, Kinyata Evans, Fort Lee; Martha Burton, Mark Bittner, Crater PDC.

Welcome and Introductions

Mark Bittner called the meeting to order at 12:10 p.m.

Legislative Update

Ms. Burton provided a brief update of planning-related items at the General Assembly session.

Census Data – Supporting the Work of PDCs

Ms. Burleson-Gibson of the Census presented information from the Census Bureau that could assist PDCs in their activities. She specifically highlighted Local Employment Dynamics (LED) and the “On The Map” feature from www.census.gov.

Rural Transportation Planning

Mr. Bittner gave a brief update on planned Rural Transportation activities for 2013. Mr. Bittner stated the focus would be prioritizing projects listed in the plan. Mr. Bittner stated each jurisdiction would rank projects within its own borders. Mr. Bittner stated that, at the conclusion of this process, the top few projects from each locality would be placed within a regional group of projects. This regional group would then be ranked by the full Rural Technical Committee.

Other Local and Regional Planning Issues

No other issues were discussed.

Next Meeting Date

The next meeting was tentatively scheduled for March, 2013.

Adjournment

The meeting was adjourned at approximately 1:45 p.m.

Crater Planning Directors Meeting

**Crater PDC Conference Room
1964 Wakefield Street
Petersburg, Virginia**

Noon, Friday, April 5, 2013

AGENDA

1. Welcome and Introductions
2. Brownfield Redevelopment Program
Cathy Warner – One Environmental Group
3. Rural Transportation Planning
Update
4. Other Local and Regional Planning Issues
5. Next Meeting Date – June, 2013
6. Adjournment

Minutes of the Crater Planning Directors meeting held on Friday, April 5, 2013 in the Crater PDC Conference Room, 1964 Wakefield Street, Petersburg, Virginia.

Attendees: Cathy Warner, Kyle Blandford, One Environmental Group; Chris Ward, Community Planning Partners; Douglas Miles, Prince George County; George Schanzenbacher, Colonial Heights; Michelle Peters, Petersburg; Chris Gwaltney, Surry County; Corinne Reish, Andrew Miniffee, Fort Lee; Mark Bittner, Crater PDC.

Welcome and Introductions

Mark Bittner called the meeting to order at 12:10 p.m.

Brownfield Redevelopment Program

Ms. Warner of One Environmental Group presented information on the Brownfield Assessment Program (http://www.epa.gov/brownfields/assessment_grants.htm) that could aid localities in redevelopment efforts. She specifically highlighted a project in Fredericksburg that was turning an icehouse into a brewpub.

The EPA's goals for the program are revitalization of previously developed properties and creation of a larger tax base. Under most options, the program does not require a local match. Localities can also use the program to evaluate the highest and best use for a property.

Historically, Virginia has not utilized this program to the extent of North and South Carolina. Ms. Warner has presented this program at several locations around the Commonwealth in an attempt to increase its use to benefit Virginia.

Rural Transportation Planning

Mr. Bittner gave a brief update on current Rural Transportation activities for 2013. Mr. Bittner stated localities were prioritizing projects listed in the plan within their own borders. Some localities had not yet submitted their lists. Mr. Bittner stated that, at the conclusion of this process, the top few projects from each locality would be placed within a regional group of projects. This regional group would then be ranked by the full Rural Technical Committee.

Other Local and Regional Planning Issues

No other issues were discussed.

Next Meeting Date

The next meeting was tentatively scheduled for June, 2013.

Adjournment

The meeting was adjourned at approximately 1:45 p.m.

Crater Planning Directors Meeting

**Crater PDC Conference Room
1964 Wakefield Street
Petersburg, Virginia**

Noon, Wednesday, June 26, 2013

AGENDA

1. Welcome and Introductions
2. FOLAR (Friends of the Lower Appomattox River)
Wayne Walton – FOLAR President and Councilor, Ward
#2 - City of Hopewell
3. Rural Transportation Planning
Update
4. Other Local and Regional Planning Issues
5. Next Meeting Date – September, 2013
6. Adjournment

Minutes of the Crater Planning Directors meeting held on Wednesday, June 26, 2013 in the Crater PDC Conference Room, 1964 Wakefield Street, Petersburg, Virginia.

Attendees: Wayne Walton, FOLAR; Mark Bassett, Dinwiddie County; Douglas Miles, Simon Beltz, Prince George County; George Schanzenbacher, Colonial Heights; Rhonda Mack, Surry County; Fritz Brandt, Debbie Kilpatrick, Fort Lee; Mark Bittner, Crater PDC.

Welcome and Introductions

Mark Bittner called the meeting to order at 12:10 p.m.

FOLAR – Friends of the Lower Appomattox River

Mr. Walton of FOLAR presented the latest activities of his group. FOLAR's main goal is the creation of a continuous greenway/blueway system along the Appomattox River from Lake Chesdin to City Point in Hopewell.

Mr. Walton stated a summer intern, Ryan Fahey, had been hired to do administrative work for FOLAR. Mr. Fahey was working in an office at the Crater PDC.

Mr. Walton stated FOLAR had received a \$15,000 capacity building grant from the Cameron Foundation. The grant was for technical assistance to assist with board development, strategic planning, and resource development. The consulting firm DeWitt & Associates, Inc. (<http://dewittandassociates.com/>) was hired to carry out the grant process.

Rural Transportation Planning

Mr. Bittner gave a brief update on current Rural Transportation activities for 2013. Mr. Bittner stated priority lists had been submitted by Surry County, Dinwiddie County, and the City of Emporia. Lists were still needed from Greensville, Prince George, and Sussex Counties. Mr. Bittner stated that, at the conclusion of this process, the top few projects from each locality would be placed within a regional group of projects. This regional group would then be ranked by the full Rural Technical Committee.

Other Local and Regional Planning Issues

Mr. Bittner discussed the latest report for the South Crater Region Solid Waste Task Force. Virginia DEQ had asked for review of the region's reported recycling rate of 26%. After determining some recycling businesses were not eligible for inclusion, the rate was adjusted to 22%, which was still well above the required minimum of 15%.

Next Meeting Date

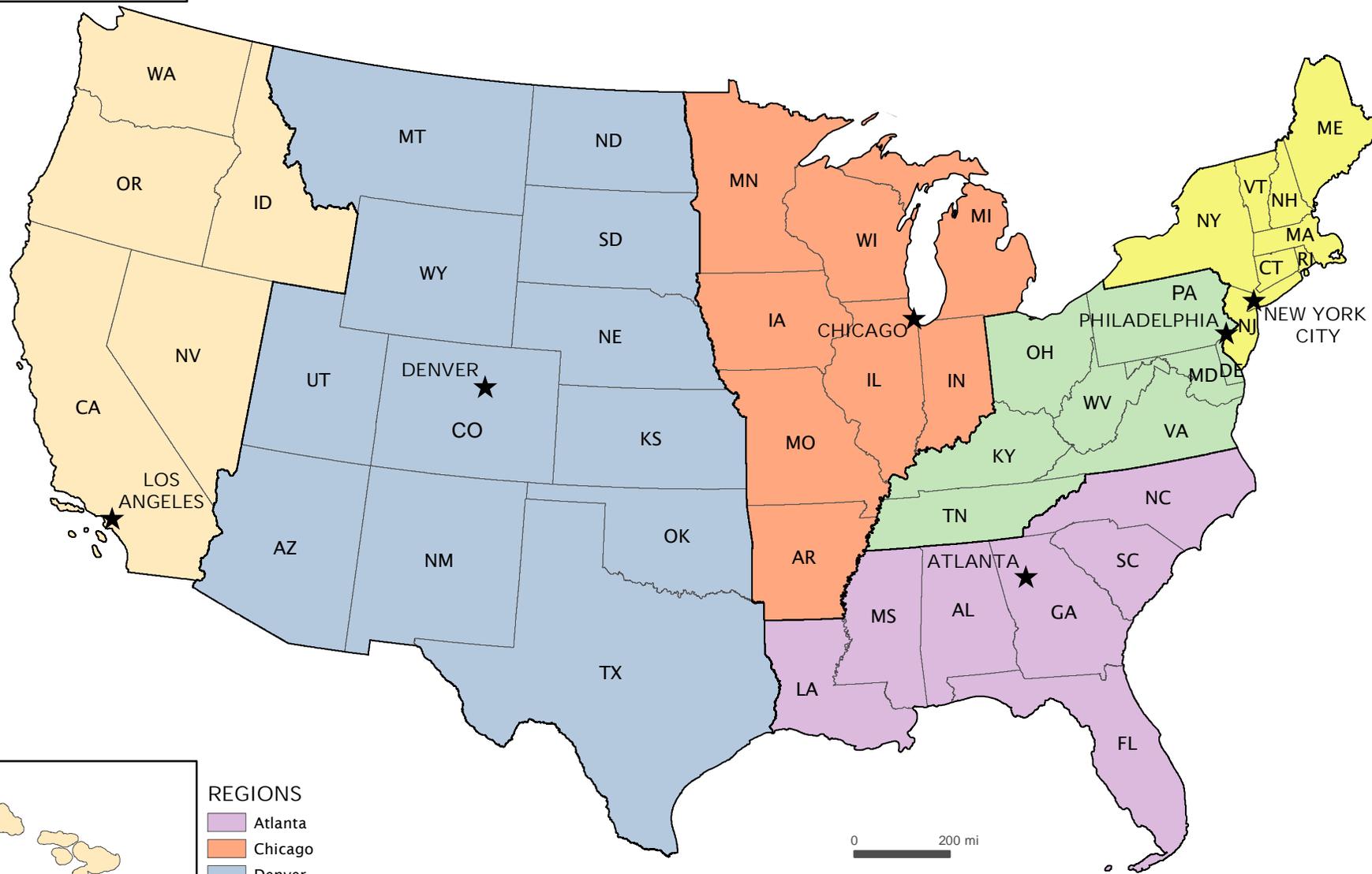
The next meeting was tentatively scheduled for September, 2013.

Adjournment

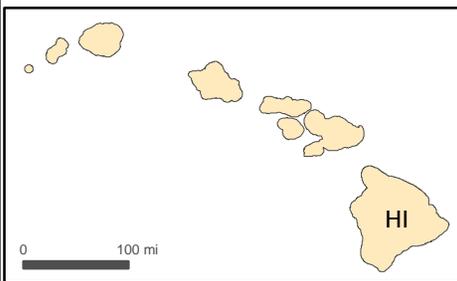
The meeting was adjourned at approximately 1:45 p.m.

Census Bureau Regional Office Boundaries

New structure as of January 2013



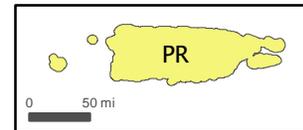
United States
Census
Bureau



REGIONS

- Atlanta
- Chicago
- Denver
- Los Angeles (includes Alaska and Hawaii)
- New York (includes Puerto Rico)
- Philadelphia

0 200 mi



Data About Household Consumers

About the US Population

Census Bureau statistics on the population of the United States are essential resources for small business. These data provide information about consumer supply and labor markets that are key to business planning.

Decennial Census

2010.census.gov

information about the age, sex, race, ethnicity, relationship and housing tenure or the Nation's population.

American Community Survey (ACS)

www.census.gov/acs/www/

provides age, race, income, labor force, commute time to work, home value, veteran status, and other important data. The ACS collects and produces population and housing information every year instead of every ten years.

Current Population Survey (CPS)

www.census.gov/cps/

the primary source of information on the labor force characteristics of the U.S. population.

Estimates include employment, unemployment, earnings, hours of work, and other indicators, available by a variety of demographic characteristics including age, sex, race, marital status, and educational attainment.



Get help with a survey

The Census Bureau takes a variety of steps to minimize reporting burden and simplify access to census and survey information.

Businesses can use the **Business Help Site** at www.census.gov/econhelp to get assistance with forms. Resources on this page describe each survey, provide sample forms, and permit extensions and other online services. A secure message center allows survey participants to communicate directly with survey sponsors.

Find a Small Business Advocate

The SmallBizOmbudsman

www.census.gov/eos/www/osbonew

advocates for small business on topics that address reporting burden, facilitated reporting, improved data access. The Ombudsman seeks to educate small businesses on the significance of their data to the economy and the nation, and also to teach small business how the data they report can be used for their own benefit.

Do Business With the Census Bureau

The Small Business Acquisition Specialist

www.census.gov/procur/www/sb

serves as a liaison between the small business community and Census Bureau Acquisitions, ensures that the small businesses are provided fair opportunities within the federal government, and advocates for minority, small, disadvantaged, 8(a), HUBZone, veteran-owned, disabled and women-owned small businesses.

Want to know more?

All Census Bureau Economic Programs are available on the web at:

www.census.gov/business

Census Bureau
Economic Programs
www.census.gov/business

EC.09.01

Census Bureau Resources For Small Business

Data About Businesses

A new website business.census.gov shows businesses how they can use census and survey data to grow their business.

The Business Size page

www.census.gov/epcd/www/smallbus.html data about employers and nonemployers, employment size of firms and establishments, and firms by receipt size.

County Business Patterns

www.census.gov/econ/cbp

annual information about establishments with paid employees: number of locations, employment, and payroll, by industry and by size, for the US, states, metro areas, counties, and ZIP Codes.

Statistics of US Business

www.census.gov/econ/susb

annual information about the distribution of economic activity by business size: number of firms, number of establishments, employment, and payroll, by industry, for the US, states, and metro areas.

Survey of Business Owners

www.census.gov/econ/sbo

conducted every five years along with the economic census, breaks down businesses by industry and by owner characteristics such as sex, race, and ethnicity, for the US, states, metro areas, counties, and cities.

Nonemployer Statistics

www.census.gov/econ/nonemployer

annual information about businesses with no paid employees: number of businesses and receipts, by industry, for the US, states, metro areas, and counties.

USCENSUSBUREAU
Helping You Make Informed Decisions



Find more information inside →

Study Your Competition

Census Bureau Economic Programs

measure our vast and dynamic American economy for government and business decision-making and the public.

- Monthly and quarterly indicators are critical to understanding current economic conditions.
- Census and survey information provides authoritative information about small business and entrepreneurship that is essential to the economic development process in communities across the United States.
- Data are published on the Internet and available in easy-to-navigate web pages including the American FactFinder online database

Census Bureau data are a primary resource for the Small Business Administration's programs to encourage small business growth. *The Census Bureau does not define "small business" but provides size breakdowns so data users can construct their own size categories.*

Economic Census

www.census.gov/econ/census07

Provides benchmark values every five years that update more frequent current surveys. Data include the number of establishments and firms, employment, payroll, and revenue:

- **Geographic area reports** - businesses by industry for states, metro areas, counties, places, ZIP Codes.
- **Product line reports** - sales of individual product lines, by industry, for states and metro areas.
- **Establishment and firm size reports** - businesses by industry, and by size in terms of employment and revenue. Concentration ratios show contribution to industry output by the top 4, 10, 50, and 100 firms.

NOTIFY ME!

E-mail me when my industry or state is published

www.census.gov/econ/census07/www/notifyme.html

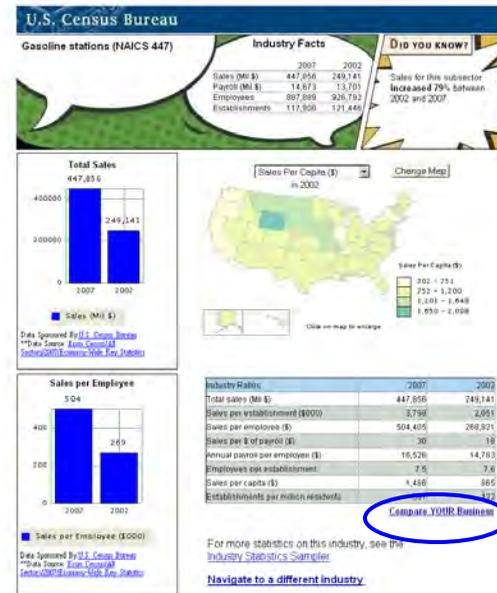
Data from the 2007 Economic Census as it becomes available. Use "Notify Me" to get an email message when data for your industry or state is published!

Benchmark Your Performance

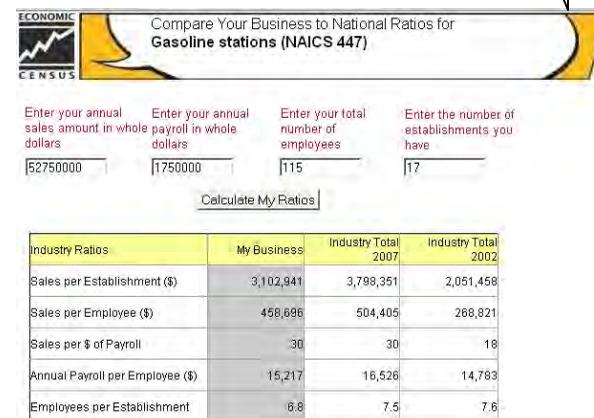
Industry Snapshots

business.census.gov

graphical tool to illustrate the data, and industry averages.



Use "Compare Your Business" to benchmark your own data against industry metrics



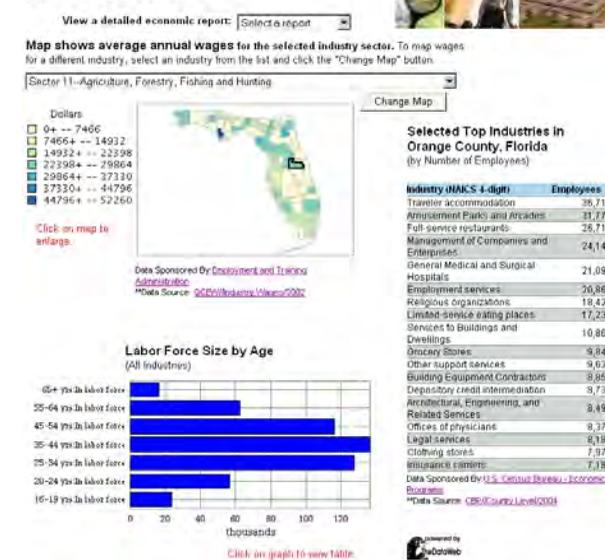
Review Your Local Economy

Economic Development Hot Reports

ced.census.gov

shows pertinent economic indicators in unified on-line reports from many data sources. These reports are useful for areas that experience economic disruptions due to natural disasters, plant closings, base closings, and other economic changes, such as abrupt increases in employment.

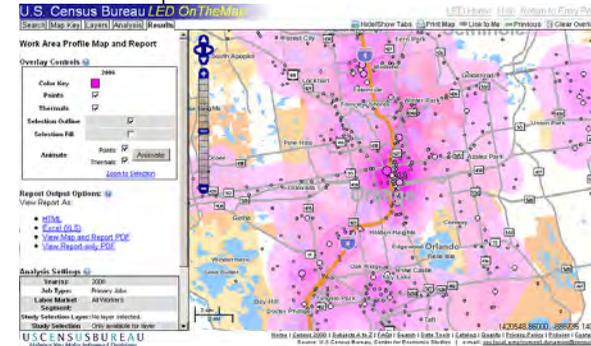
Economic Overview



Local Employment Dynamics

lehd.did.census.gov/led/

provides local area profiles of local labor market conditions and geographic area analysis for very recent time periods.



"On The Map" provides detailed maps showing where people work and where workers live.

Get Data About Your Industry

Industry Search

www.census.gov/business

Use the Industry Search to find all census and current data about your industry.



Statistics About Governments

www.census.gov/govs

provide monthly, quarterly, and annual information on state and local governments, including employment, revenues, spending, debt and assets. Federal government information includes employment by agency, along with spending by program and by state, county, and city.

Foreign Trade Statistics

www.census.gov/foreign-trade

provide monthly measures of imports and exports of more than 15,000 commodities, by port, by country of origin or destination, and by state of origin. Trade data provide essential information about business markets.



EPA Brownfields Assessment Grants: Interested in Applying for Funding? *Here's what you need to know to get started...*

What is EPA's Brownfields Program?



Salt Lake City, Utah (before)

The U.S. Environmental Protection Agency's (EPA) Brownfields Program is designed to empower states, communities, and other stakeholders to work together in a timely manner to prevent, assess, safely clean up, and sustainably reuse brownfields. EPA provides technical and financial assistance for brownfields activities through an approach based on four main goals: protecting human health and the environment, sustaining reuse, promoting partnerships, and strengthening the marketplace. Brownfields grants serve as the foundation of the Brownfields Program and support revitalization efforts by funding environmental assessment, cleanup, and job training activities. Thousands of properties have been assessed and cleaned up through the Brownfields Program, clearing the way for their reuse.



Salt Lake City, Utah (after)

A brownfield is defined as: real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. The 2002 Brownfields Law further defines the term to include a site that is: "contaminated by a controlled substance; contaminated by petroleum or a petroleum product excluded from the definition of 'hazardous substance'; or mine-scarred land."

What are the Four Grant Types?

- ✓ **Assessment grants** provide funding for brownfields inventories, planning, environmental assessments, and community outreach.
- ✓ **Revolving Loan Fund grants** provide funding to capitalize a revolving loan fund that provides loans and subgrants to carry out cleanup activities at brownfields.

- ✓ **Cleanup grants** provide direct funding for cleanup activities at specific sites.
- ✓ **Job Training grants** provide environmental training for residents of brownfields communities.

What are Assessment Grants?

Assessment grants provide funding for a grant recipient to:

- ✓ **Inventory Sites:** Compile a listing
- ✓ **Characterize Sites:** Identify past uses
- ✓ **Assess Sites:** Determine existing contamination
- ✓ **Conduct Cleanup and Redevelopment Planning:** Scope and plan process
- ✓ **Conduct Community Involvement:** Inform and engage community

For a Community-Wide Grant:

- ✓ An applicant may apply for a community-wide assessment grant if a specific site has not been identified or if the assessment will address more than one site within the community.
- ✓ Applicants electing to apply for up to \$200,000 for a community-wide hazardous substance assessment grant are not eligible for a site-specific hazardous substance assessment grant in the same grant competition. Applicants applying for up to \$200,000 for a community-wide petroleum or petroleum product assessment grant will not be eligible for a site-specific petroleum assessment grant.

For a Site-Specific Grant:

- ✓ A site-specific assessment grant must be applied for if the assessment is limited to one, and only one, site. A site-specific assessment grant application must be made if a waiver of the funding limitation is requested.
- ✓ Applicants will not be allowed to substitute another site for a site-specific assessment grant where the subject site is determined to be ineligible.

For the complete discussion of Brownfields Program grant funding, refer to the EPA Proposal Guidelines for Brownfields Assessment, Revolving Loan Fund, and Cleanup grants at: <http://www.epa.gov/brownfields/applicat.htm>

How Do I Apply for an Assessment Grant?

Applicants submit a proposal for each grant type that they are applying for (i.e., assessment, revolving loan fund, and/or cleanup). Each proposal must address the selection criteria outlined in the guidelines.

Grant proposals should be concise and well organized, and must provide the information requested in the guidelines. Applicants must demonstrate that they meet threshold criteria requirements and must respond to evaluation criteria. Factual information about your proposed project and community must be provided.

Proposals must include:

- ✓ Cover letter describing project
- ✓ Applicant information
- ✓ Applicable mandatory attachments (e.g., state letter)
- ✓ Responses to evaluation criteria

All applicants must refer to the Proposal Guidelines published by EPA.

Who is Eligible to Apply for an Assessment Grant?

Eligible entities include: state, local, and tribal governments, with the exception of certain Indian tribes in Alaska; general purpose units of local government, land clearance authorities, or other quasi-governmental entities; regional council or redevelopment agencies; or states or legislatures. Some properties are excluded from the definition of a brownfield unless EPA makes a site-specific funding determination that allows grant funds to be used at that site.

Applicants may apply for both community-wide and site-specific assessment grants; however, an applicant is limited to submitting only ONE hazardous substance assessment grant proposal and ONE petroleum assessment proposal.

Each eligible entity may submit no more than two assessment proposals.

How Much Assessment Grant Funding is Available?

- ✓ Up to \$200,000 to assess a site contaminated by hazardous substances, pollutants, or contaminants (including hazardous substances co-mingled with petroleum).
- ✓ Up to \$200,000 to address a site contaminated by petroleum.
- ✓ For site-specific proposals, applicants may seek a waiver of the \$200,000 limit and request up to \$350,000 for a site contaminated by hazardous substances, pollutants, or contaminants and up to \$350,000 to assess a site contaminated by petroleum. Such waivers must be based on the anticipated level of hazardous substances, pollutants, or contaminants including hazardous

substances comingled with petroleum) or petroleum at a single site. (Community-wide assessment grants are not eligible for assessment grant “waivers.”)

- ✓ Total grant fund requests should not exceed a total of \$400,000 unless such a waiver is requested.
- ✓ Up to \$1 Million for assessment coalitions. A coalition is made up of 3 or more eligible applicants that submits one grant proposal under the name of one of the coalition members who will be the grant recipient.

How Long is the Assessment Period?

The performance period for an assessment grant is three years.

Where Do I Find the Proposal Guidelines?

Electronic copies of the Proposal Guidelines can be obtained from the EPA brownfields Web site at:

<http://www.epa.gov/brownfields/applicat.htm>

Additional information on grant programs may be found at: www.grants.gov

Is Pre-Application Assistance Available?

If resources permit, EPA Regions may conduct open meetings with potential applicants. Check with your regional office for date and location information. Your regional Brownfields Program contacts can be found at:

<http://www.epa.gov/brownfields/corcntct.htm>

EPA can respond to questions from applicants about threshold criteria, including site eligibility and ownership.

EPA staff can not meet with applicants to discuss draft proposals or provide assistance in responding to ranking criteria.

What is the Evaluation/Selection Process?

Brownfields grants are awarded on a competitive basis. Evaluation panels consisting of EPA staff and other federal agency representatives assess how well the proposals meet the threshold and ranking criteria outlined in the Proposal Guidelines for Brownfields Assessment, Revolving Loan Fund, and Cleanup grants. Final selections are made by EPA senior management after considering the ranking of proposals by the evaluation panels. Responses to threshold criteria are evaluated on a pass/fail basis. If the proposal does not meet the threshold criteria, the proposal will not be evaluated. In some circumstances, EPA may seek additional information.



brownfield redevelopment

Preserving heritage ❁ *Restoring property* ❁ *Bringing the past back to life*

In 2011, the City of Fredericksburg received funding from the U.S. Environmental Protection Agency (EPA) to address brownfields across the community, many of which exist due to Fredericksburg's historical industrial past. The EPA defines brownfields as "real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant."

Brownfields are found in cities and towns across the country, blighting communities and inhibiting economic growth. Cleaning up and reinvesting in these properties takes development pressures off undeveloped, open land, and both improves and protects the environment. Putting sites back into productive use creates local jobs and spurs economic growth.

The City will use the grant funds to work through the brownfield process to answer questions about environmental uncertainties while engaging the community to be active participants.

You can learn more about the City's program by visiting the project website or by contacting a member of the project team:

Kevin W. Utt
City of Fredericksburg
(540) 372-1080
kwutt@fredericksburgva.gov

Cathy Warner
ONE Environmental Group
(804) 303-8784
cwarner@oneenv.com

Joe Morici
CTC Public Benefit Corporation
(803) 929-6062
moricij@ctc.com

the brownfield process

Site Inventory and Prioritization

One of the first steps required in the brownfield process is development of an inventory of potential brownfield sites. Once the inventory is complete, sites will be prioritized based on a set ranking criteria .

Phase I ESAs

Once properties have been prioritized for assessment, a Phase I ESA will be completed. These ESAs include reviews of historical documents and regulatory databases regarding previous site use, as well as interviews with past owners and operators to determine the past usage of the sites as well as the surrounding areas.

Phase II ESAs

Should the Phase I ESAs show a potential for environmental concern, the property will proceed with a Phase II ESA, based on site eligibility. During the Phase II ESAs, soil and groundwater samples are collected to determine if the properties have been adversely impacted, and if so, to what extent.

Analysis of Brownfields Cleanup Alternatives (ABCA) Upon completion of the Phase II ESA, and determination that contamination is present that needs to be addressed, an ABCA can be prepared. This document will compare various clean-up options such as off-site disposal of impacted soils, different methods of in-place remediation, and groundwater monitoring. The proposed end use of the property is key in the development of the remedial action. The City's assessment grant can help fund the ABCA and associated redevelopment plans.

Site Cleanup and Redevelopment

The final step of a brownfields redevelopment occurs upon regulatory approval of the ABCA. The City does not currently have funding for site cleanup, however, they may be eligible to apply for EPA funding based on certain requirements. The City will work with local governments and developers to help secure and leverage funding for site redevelopment.

TABLE 2 - Additional Considered Alternatives and Elimination Rationale

Additional Remedial Alternatives	Elimination Rationale
In-situ enhanced bioremediation followed by excavation and offsite disposal/recycling	Alternative was eliminated due to the difficulty of treating the variety of contaminants in site soil (specifically the difficulty associated with the treatment of metals) and lack of adequate time to perform onsite treatment.
Excavation, onsite treatment (via enhanced biological remediation), followed by offsite disposal/recycling	Alternative was eliminated due to the difficulty of treating the variety of contaminants in site soil (specifically the difficulty associated with the treatment of metals) and lack of adequate time to perform onsite treatment.
Excavation, onsite treatment (via a mobile thermal desorption unit), and offsite disposal/ reuse	Alternative was eliminated due to the size of the subject property compared to the area required to operate a mobile thermal treatment unit (including equipment setup and pre- and post-treatment soil abating). Alternative was also eliminated due to the amount of time needed to acquire permit to operate equipment on site.

frequently asked questions

What is the purpose of this grant project?

The purpose of this grant is to assess the level and nature of environmental contamination at selected brownfield sites and conduct planning for the cleanup and reuse of the properties. By assessing contaminated properties, the City is quantifying the risks involved in redeveloping the properties to encourage property owners and developers to cleanup the sites and put them back into productive use.

What is the EPA's involvement?

The Brownfield Assessment Project is NOT a regulatory program. These projects are a mechanism/tool to promote economic development. EPA involvement is typically limited to review of work plans and general program oversight.

What does the program offer property owners?

Participation in the Brownfield Program by the private sector is voluntary. The program helps move properties towards redevelopment by conducting environmental site assessments and identifying/removing the environmental risk/uncertainty associated with the property. With the funds from the EPA, the City will now be able to pay for environmental site assessment activities on properties where the current owner or prospective purchaser is unwilling and/or unable. Program participation is particularly helpful where a property is perceived to have an environmental problem, although one may not actually exist. Participation in the program is not mandatory; that is, if the City identifies your property as a potential Brownfield site you do NOT have to participate. In addition, not all properties are eligible for participation under the program, and funding is limited for assessing these properties.

Why would property owners want to participate?

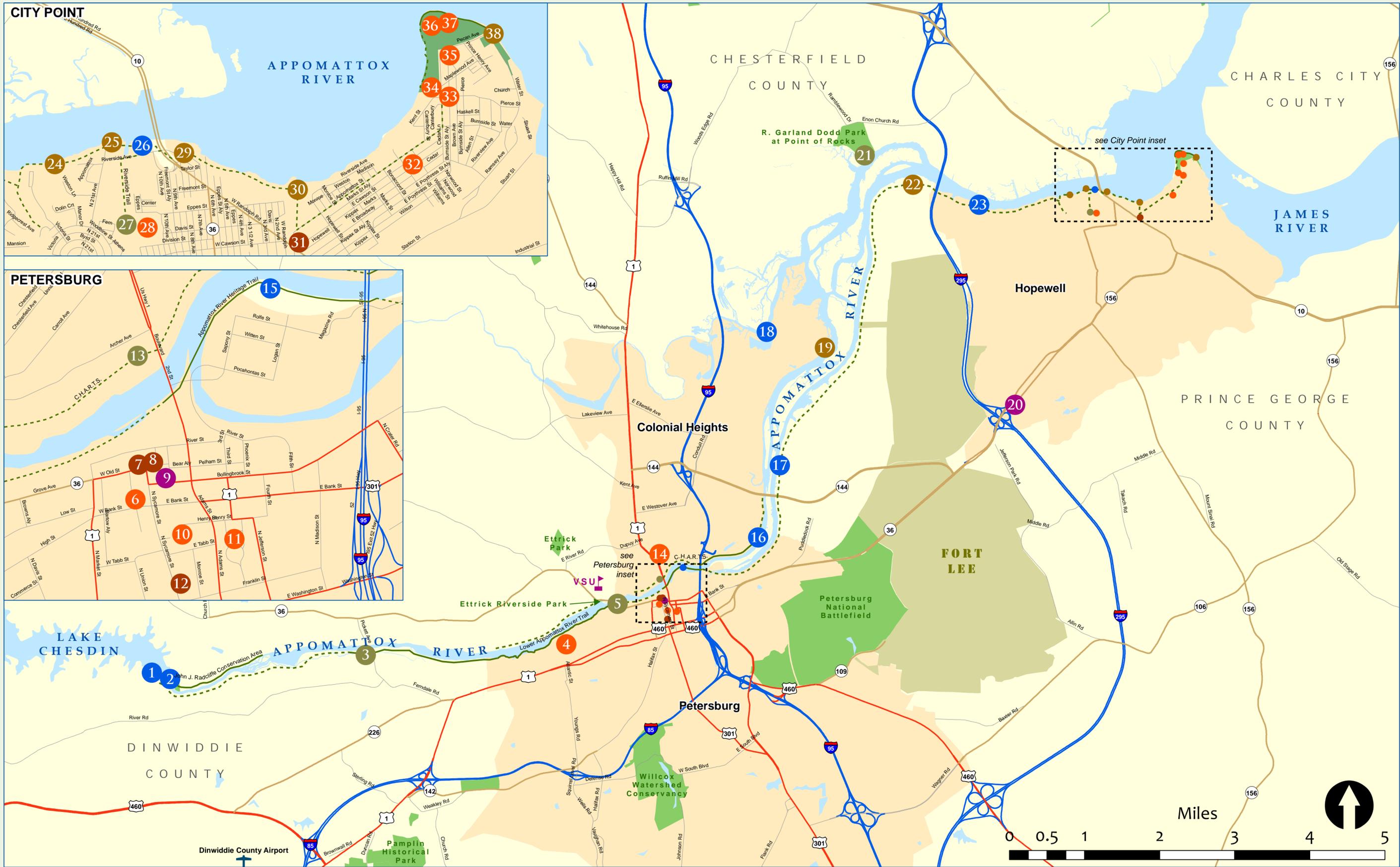
Participation in a Brownfields project brings resources to the property owners and prospective purchasers that facilitate re-development. The project can help clarify environmental concerns and plan redevelopment to address real or perceived environmental issues. If your property is selected, project-provided services might include (1) All Appropriate Inquiries (Phase I and Phase II Environmental Assessments) and (2) Clean-up/redevelopment Planning.

If I am a property owner and I participate what happens if environmental contamination is found?

If your property has environmental contamination, being selected by the Brownfield project provides you one of the best possible working scenarios with the EPA. The EPA Brownfields Assessment Program is NOT a regulatory program. The project may assist in identifying favorable cleanup alternatives. If environmental contamination is found, the project may assist with development of cleanup and redevelopment plans. In most cases those parties who are deemed responsible for cleanup activities and are voluntarily participating in the EPA Brownfield Program are not required to complete the cleanup activities as part of the program. In rare cases, where contamination is deemed to be an imminent threat to human health and the environment, then EPA may require immediate action to address the contamination.

Who will pay for the cleanup if contamination is found?

EPA does not offer grant funds to private property owners; they only provide grants to local governments and non-profit organizations. However, EPA does offer low interest loans to private property owners for the cleanup of contamination. The existing Brownfields project cannot pay for cleanup; the funds can only be used for environmental site assessments and cleanup/redevelopment planning. Unless the property is owned by a local government or non-profit organization, the private sector (property owner) typically takes the lead and is responsible for most environmental cleanup projects. The program does not require a potential seller or buyer to commit to performing prohibitively expensive cleanup. One of the primary goals of the program is to assist in determining if a problem exists, what level of cleanup is needed and how site redevelopment impacts cleanup activities at the site.



- | | | | |
|--------------------|----------------|----------------|---------------|
| Water Feature | Cultural Site | Existing Trail | U.S. Route |
| Outdoor Recreation | Historic Site | Proposed Trail | State Route |
| Overlook | Visitor Center | Interstate | Local Roadway |

APPOMATTOX RIVER INTERPRETIVE GUIDE

APPOMATTOX RIVER INTERPRETIVE GUIDE

APPOMATTOX RIVER INTERPRETIVE GUIDE

5 PATTON PARK

A passive recreation area filled with walking and jogging trails. The park also features a picnic area, pavilion, barbecue pits, and a New England-style covered bridge. *Squaw Alley (Petersburg)*

6 SIEGE MUSEUM

Housed in the ca. 1839 Exchange Building, the Siege Museum interprets civilian life in Petersburg before, during, and immediately after the Civil War. Through artifacts, documents and photographs, emphasis is given to the ten-month siege of Petersburg (June 1864 - April 1865) - the longest period of time that an American city has been under a military siege. The exhibition illustrates how the siege impacted civilian life in Petersburg. *15 West Bank Street (Petersburg)*

7 SYCAMORE ROUGE THEATRE

Sycamore Rouge is a performing arts organization located in the heart of Old Towne Petersburg that produces over 200 events annually, including show stopping jazz performances, Parisian-style cabaret, live theatre and classic films. Sycamore Rouge is dedicated to enriching the region by encouraging involvement in the arts. It includes a relaxed dining area and lounge with world-class gourmet creations inspired by European bistros and Parisian sidewalk cafes. *21 West Old Street (Petersburg)*

8 PETERSBURG AREA ART LEAGUE

The Petersburg Area Art League showcases the works of local artists through exhibitions that change on the second Friday of each month to coincide with the "Friday For The Arts!" event in Old Towne Petersburg. The local artists create works in oils, watercolors, acrylics, pastels, jewelry, sculpture and mixed media. For over 70 years resident artists have conducted art lessons on-site for local students. Original works and prints are available for sale. *7 East Old Street (Petersburg)*

9 PETERSBURG DOWNTOWN VISITOR CENTER

Located in the historic Farmers' Bank, ca. 1817, one of only a few bank museums in the U.S., the Visitors' Center offers one-stop shopping including statewide tourist literature, local real estate information, and maps. *19 Bollingbrook Street (Petersburg)*

10 PETERSBURG COURTHOUSE

The Petersburg Courthouse, built between 1837 and 1839, was the official Confederate headquarters during the Siege of Petersburg. On April 20, 1861, local volunteers formed in its square to enlist. On June 9, 1864, its bell sounded the warning for the local militia to meet the advancing Union cavalry. During the Siege, soldiers from both sides could see the courthouse clock from the trenches and they set their timepieces by it. The clock tower was a favorite target of Union artillery, who poured an estimated 20,000 shells into the city. When Petersburg fell on April 3, 1865 a Union flag waved above it. *150 North Sycamore Street (Petersburg)*

11 CENTRE HILL MANSION

Built in 1823 by Robert Bolling IV, Centre Hill Mansion remained an opulent Petersburg residence until 1936. The interior features outstanding examples of Greek revival architectural ornamentation as well as earlier Federal style and later Colonial Revival style architectural modifications. Through guided tours, visitors learn about the history of Centre Hill, including its role during the Civil War and the two Presidential visits to the house. Examples of eighteenth, nineteenth and twentieth century decorative arts, many from the Petersburg area, are also exhibited. Visitors can also view the tunnel, constructed in the 1840s that led from the back of the house to nearby Henry Street. *1 Centre Hill Avenue (Petersburg)*

12 PETERSBURG REGIONAL ARTS CENTER

Housed in an historic structure built in 1858, the Art Center is a facility where local and regional artists create and showcase their work. The public is invited to view the ever changing exhibits, meet the artists and purchase their works. *132 North Sycamore Street (Petersburg)*

13 APPAMATUCK PARK

This planned park will have a canoe and kayak launch, fishing pier, recreational facilities and a trailhead, as well as be part of the Colonial Heights Appomattox River Trail System (C.H.A.R.T.S.). *Archer Avenue (Colonial Heights)*

14 VIOLET BANK MUSEUM

With an interpretive period spanning over half a century, from 1815 to 1873, the Museum maintains a wide array of artifacts: guns, furniture, glass & ceramics, textiles, accoutrements, books, swords, and other items. Owned and operated by the City of Colonial Heights, The Violet Bank Museum boasts some of the most sophisticated and beautiful Adam-style ceiling moldings in the country, as well as original woodwork, doors, fireplaces and floors. Violet Bank served as General Robert E. Lee's Headquarters from June 8, 1864 to November 1, 1864. *300 Virginia Avenue (Colonial Heights)*

15 POCAHONTAS ISLAND

Named after the legendary Indian Princess, Pocahontas Island is Petersburg's earliest predominantly African-American neighborhood. Home to the largest populations of free African Americans during the 1800's. John Stewart, who was born on the 66-acre island in 1943, purchased an 18th century house there in 2002 and began collecting and amassing artifacts related to black history. By 2004, he had collected enough items to open the house as the Pocahontas Island Museum. It includes everything from a mysterious military trunk to photographs of the headstones of free slaves of Pocahontas Island. On the National Register of Historic Places. There is a public park and non-motorized boat access area. *Rolfe Street (Petersburg)*

16 ROSLYN LANDING PARK

This park has a ramp for launching small boats and a pier for fishing, as well as the first phase of the Colonial Heights Appomattox River Trail system. *East Roslyn Road (Colonial Heights)*

17 APPOMATTOX SMALL BOAT HARBOR

Privately-owned but publicly accessible. Slips and ramp available for a variety of boats. *1604 Fine Street (Prince George County)*

18 WHITE BANK PARK

The park consists of 22 acres which overlook Swift Creek, and is located across from Tussing Elementary School on White Bank Park Road. The park includes two picnic pavilions which accommodate 200 - 300 people each, and 8 individual picnic shelters for smaller groups. *White Bank Park Road (Colonial Heights)*

19 FORT CLIFTON PARK

Fort Clifton was a Confederate stronghold on the Appomattox River, serving as an important link in the line that defended Richmond and Petersburg in 1864 and 1865. Located on a high bluff at the junction of the Appomattox River and Swift Creek, the fort controlled navigation on the river north of Petersburg and was a formidable defensive bastion that wasn't taken by Union forces until the fall of Petersburg on April 3, 1865. *5501 Conduit Road (Colonial Heights)*

20 HOPEWELL VISITOR CENTER

The Hopewell Visitor Center offers one-stop shopping including statewide tourist literature, local real estate information, maps, snacks, beverages and a gift shop. *4100 Oaklawn Boulevard (Hopewell)*

21 POINT OF ROCKS PARK

Point of Rocks Park offers 3 miles of trails providing access to several habitats, including eastern deciduous forest, the banks of the Appomattox River, and tidal freshwater marsh. The forest edge may be entered from several parking lots behind the tennis courts where there are also picnic facilities. The trails through the forest offer viewing access for a variety of typical eastern birds. As the forest trails yield to the freshwaters of Ashton Creek Marsh, the trail continues as a floating boardwalk. The boardwalk provides an excellent place to study a number wetland birds and dragonflies. Watch the marsh for wetland songbirds such as swamp sparrows and common yellowthroat in addition to the waders and bald eagles. *201 Enon Church Road (Chesterfield County)*

22 APPOMATTOX RIVER REGIONAL PARK

Over 50 acres of pristine woods on the river holding 1.5 miles of trail, this recently created park offers fishing, bird watching, hiking, picnic pavilions, a canoe/kayak launch, an observation pier, and restrooms. *River Road (Prince George County)*

23 ANCHOR POINT MARINA

The Anchor Point Marina, a separate facility to serve both Anchor Point residents and the general public, provides wet/ dry slips, and small boats/ canoes are welcomed. Future plans include additional dry storage slips, two private lakes, a recreation center with tennis courts, swimming pool and walking trails. *303 Beacon Ridge Drive (Hopewell)*

24 WESTON PLANTATION

Listed on the National Register of Historical Places, Weston Plantation is considered notable for preserving much of its original interior, especially its distinctive moldings, wainscoting and chair rails. The main house was built in 1789 and overlooks the Appomattox River. It has been described by one Virginia historian as a classic example of Virginia Georgian architecture and the very essence of the Tidewater plantation mansion. All three floors and the kitchen dependency are furnished with antiques and reproductions and open to the public through guided tours. It has a fishing pier open to the public free of charge. *21st Avenue and Weston Lane (Hopewell)*

25 RIVERSIDE HARBOR

A picnic pavilion overlooking the Appomattox River with large swings, a picnic shelter, picnic tables, an open play area, and parking. *910 North 21st Street (Hopewell)*

26 HOPEWELL MARINA

Public, city-maintained marina has slips and ramps for motorized boats and non-motorized boats, as well as a separate pier, an overlook and picnic tables. *1051 Riverside Avenue (Hopewell)*

27 RIVERSIDE PARK

A Specialty Park with basketball courts, tennis courts, water fountain, baseball/softball, an open play area, restrooms and parking. *12th Avenue and Division Street (Hopewell)*

28 CITY POINT NATIONAL CEMETERY

City Point (today's Hopewell) served as General Grant's headquarters during the Siege of Petersburg. Seven hospitals there administered most of the care for the injured and mortally wounded. Casualties were originally interred in burial grounds near the hospitals. Later they were re-interred at City Point National Cemetery. More than 5,200 Federals are buried there, including at least 1,000 African-Americans who died fighting for the Union. The cemetery was listed on the National Register of Historic Places in 1995. *10th Avenue at Davis Street (Hopewell)*

29 EVERGREEN OVERLOOK

This river overlook provides opportunities to view wildlife including eagles, ospreys and great blue herons. The site is accessible from Riverside Drive off Randolph Road near the C. Hardaway Marks Bridge. The overlook has a view of the Appomattox River as it flows toward its confluence with the James River. *Riverside Drive and Randolph Road (Hopewell)*

30 CITY PARK

Located off of Appomattox Street across from the new Appomattox Regional Library. Trails, benches, fishing, a walking bridge crossing and a wonderful view of the Appomattox River. *205 Appomattox Street (Hopewell)*

31 BEACON THEATRE

One of Hopewell's most visible landmarks, the Beacon Theatre opened in 1928 and captured the hearts of film goers until its closing in 1981. An ambitious restoration effort begun in 1987 has made it a one-of-a-kind entertainment and meetings venue. The completely remodeled reception area, conference center and grand ballroom feature soaring cathedral ceilings, expansive picture windows, distinctive Brazilian cherry hardwood floors and Italian tile work. The facility hosts a year-round schedule of musical, artistic and performing arts events, as well as weddings, balls and corporate meetings. The final phase of the Beacon's transformation will be the restoration of the 637-seat, art deco theatre as a multipurpose performing arts center. *401 North Main Street (Hopewell)*

32 UNION FORT

Specialty Park/historical area and gazebo, located at Appomattox Street, with picnic tables, horseshoes and an open play area. *Appomattox Street (Hopewell)*

33 CITY POINT OPEN AIR MUSEUM

City Point, the oldest part of Hopewell, was founded in 1613 by Sir Thomas Dale for the Virginia Company. Its strategic location on a bluff overlooking the confluence of the James and Appomattox Rivers ensured a key role in Virginia's history. A Revolutionary War skirmish took place on its banks. General Ulysses S. Grant directed the ten-month Siege of Petersburg from the grounds of Appomattox Plantation. Overnight the tiny village became one of the world's busiest ports, supplying 100,000 Union troops. A pleasant walking tour highlights 25 historic homes and structures, with most focusing on City Point's Civil War history. Outdoor storyboards located throughout the historic area enhance the visitor's experience. Beautiful views of the James and Appomattox Rivers add to the charm. *505 Cedar Lane to Water Street (Hopewell)*

34 HUNTER HOUSE

This historic residence is proposed for renovation to serve as a City Museum and Visitor Contact Station for the National Park Service and Petersburg National Battlefield. The Museum would provide a permanent residence for various historical artifacts and promote understanding of past history in order to inform the present and create a better quality of life. The Museum would house historical collections of maps, photographic images, artifacts and exhibits to include interactive technologies. *510 Cedar Lane (Hopewell)*

35 CITY POINT EARLY HISTORY MUSEUM

The City Point Early History Museum displays exhibitions highlighting the rich history of the area. It is housed in the St. Dennis Chapel in the National Historic District of Hopewell. The Museum is located in the City Point Historic District, where a walking tour highlights 25 historic homes and structures dating from 1635 to 1916. *609 Brown Avenue (Hopewell)*

36 APPOMATTOX PLANTATION

Built in 1763, this plantation home is located at the junction of the James and Appomattox Rivers. It is a National Park Service site and part of Petersburg National Battlefield. Weddings and receptions may be held on the grounds. *1001 Pecan Avenue (Hopewell)*

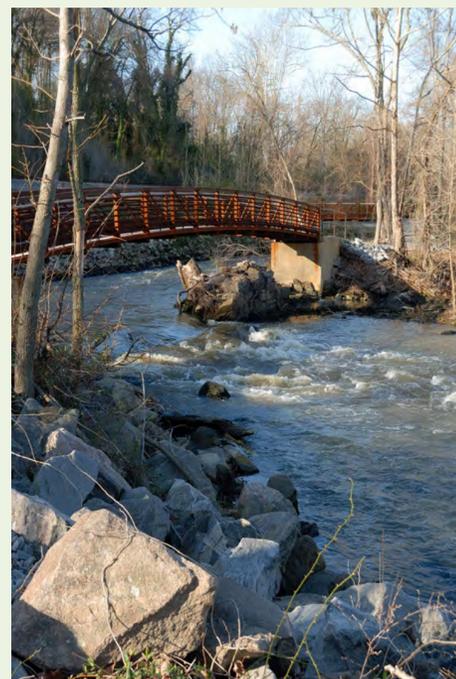


37 GENERAL GRANT'S HEADQUARTERS

While laying siege to Petersburg during the Civil War, General Ulysses S. Grant established his headquarters at City Point, a small port town at the confluence of the James and Appomattox Rivers. Overnight, the town and adjacent Appomattox Plantation became one of the busiest ports in the world as hundreds of ships delivered food, clothing and ammunition. While running the war from City Point, General Grant received many notable political and military visitors, including President Abraham Lincoln and General William T. Sherman. *1001 Pecan Avenue (Hopewell)*

38 OLD CITY POINT WATERFRONT PARK

There is a boardwalk, benches, picnic tables, a gazebo, and restrooms. This is a popular fishing spot. It is on the James River. *Pecan Avenue (Hopewell)*



LAKE CHESDIN TO CITY POINT
YOUR GUIDE TO THE APPOMATTOX RIVER INCLUDING WATER FEATURES, HISTORIC SITES, AND TRAILS

1 LAKE CHESDIN BOAT RAMP

Lake Chesdin is a 3,100-acre water supply reservoir on the Chesterfield-Dinwiddie County line administered by the Appomattox River Water Authority. Chesdin is a very productive lake that offers excellent largemouth bass fishing, good crappie fishing (both black and white) in spring and fall, and a great channel catfish fishery. The public boat ramp and handicap-accessible fishing pier are open 24 hours a day. *Chesdin Lake Road (Dinwiddie County)*

2 APPOMATTOX RIVER CANOE LAUNCH

Woodlands of maple, sycamore, sweetgum, oak, ash, and pine surround the launch site, which includes a paved parkway with picnic facilities. The woodlands serve as habitat for a variety of birds, as do the open fields just north of the park. From the boat launch, look for spotted sandpiper on the rocks and fish-eating birds such as belted kingfisher. A short trip to the road's end will allow you to scan the reservoir for osprey and wintering waterfowl. *21400 Chesdin Road (Chesterfield County)*

3 APPOMATTOX RIVERSIDE PARK

The Appomattox River is a Virginia State Scenic River and deservedly so. Spectacular views of the river are obtainable from the trails that begin at the old visitor's center. The mosaic of habitats should be attractive to wildlife during any season. Look for mallards and other waterfowl, great blue heron, bald eagle and osprey all hunting and feeding along the river. American sycamore is the dominant tree species in the riparian zone. Shrubby vegetation along the banks provides both shelter and food for birds such as northern cardinal, Carolina wren, eastern towhee and yellow-rumped warbler. A maintained power line cut is heavily vegetated with warm season grasses, broad-leaf herbs and small shrubs. The sustained early successional habitat attracts many types of birds, such as sparrows feeding on seed heads, especially in the fall. Return to the parking lot and explore the mixed woodlands where pine warblers can be heard making their presence known to prospective mates. Woodpeckers, including pileated, downy, and red-bellied, work the woods in search of hidden insect larvae. Also look for tufted titmouse, Carolina chickadee, American crow, fish crow, and ruby-crowned kinglet. *Ferndale Road (Dinwiddie County)*



4 BATTERSEA

Built in 1768 on the banks of the Appomattox River for Colonel John Banister, Petersburg's first mayor, Revolutionary War Patriot and framer of the Articles of Confederation, Battersea is an important colonial urban villa. It is built in the neo-Palladian style that was popularized in England in the eighteenth century and embraced in Colonial Virginia, and features a spectacular Chinese Chippendale staircase. Each year on the third weekend in April, Battersea is the setting of a commemorative reenactment of the Battle of Petersburg fought on April 25, 1781. *1289 Upper Appomattox Street (Petersburg)*

For more information, please visit these websites:

Friends of the Lower Appomattox River:
www.folar-va.org

Petersburg Area Regional Tourism:
www.petersburgarea.org

Colonial Heights Appomattox River Trail System:
www.colonialheightstrails.org

Crater Planning District Commission:
www.craterpdc.org

Willcox Watershed Conservancy:
www.leeparkpetersburg.org

Virginia Department of Conservation and Recreation:
www.dcr.virginia.gov

Virginia Department of Game and Inland Fisheries:
www.dgif.virginia.gov

Online Mapping Application:
www.craterpdc.org/webmaps/arig



This guide was funded in part by the Virginia Coastal Zone Management Program at the Department of Environmental Quality through Grant #NA10NOS4190205 of the U.S. Department of Commerce, National Oceanic and Atmospheric Administration, under the Coastal Zone Management Act of 1972, as amended.

www.craterpdc.org/transpo

www.craterpdc.org/transportation/webmap_rural/ruralwebmap.htm

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CRATER PDC RURAL TRANSPORTATION PLAN

Rural Transportation Plan

- Study Area
- Project Sites

Map Layers

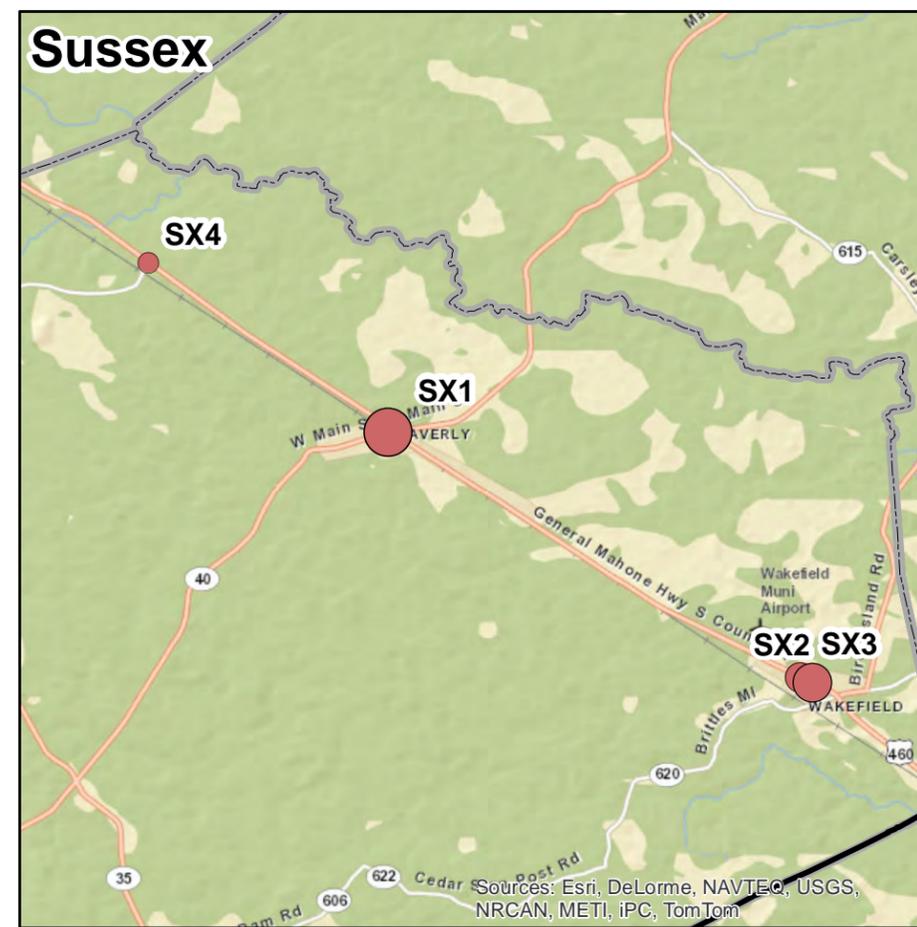
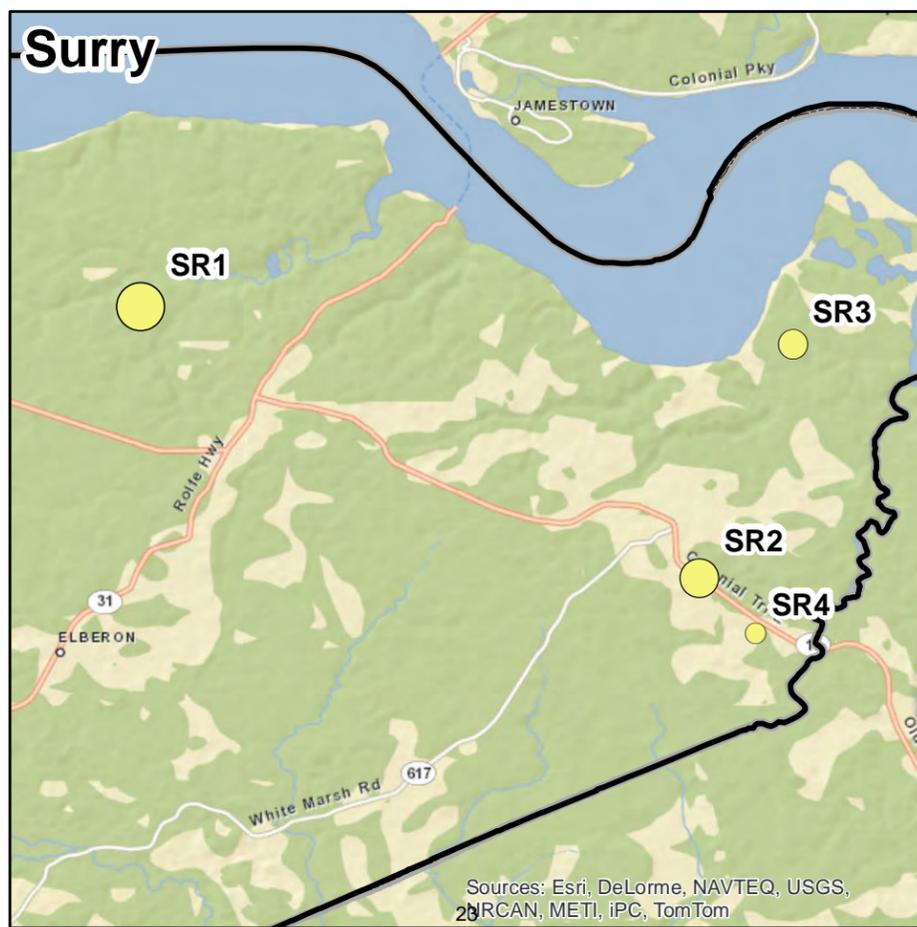
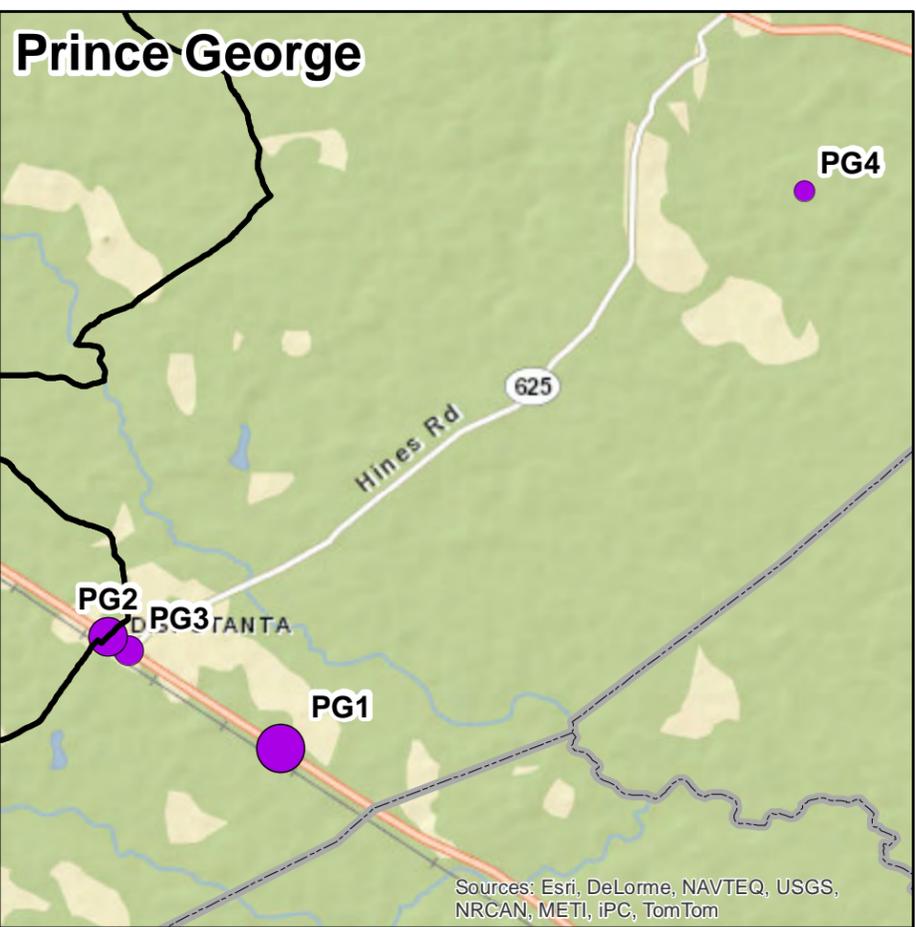
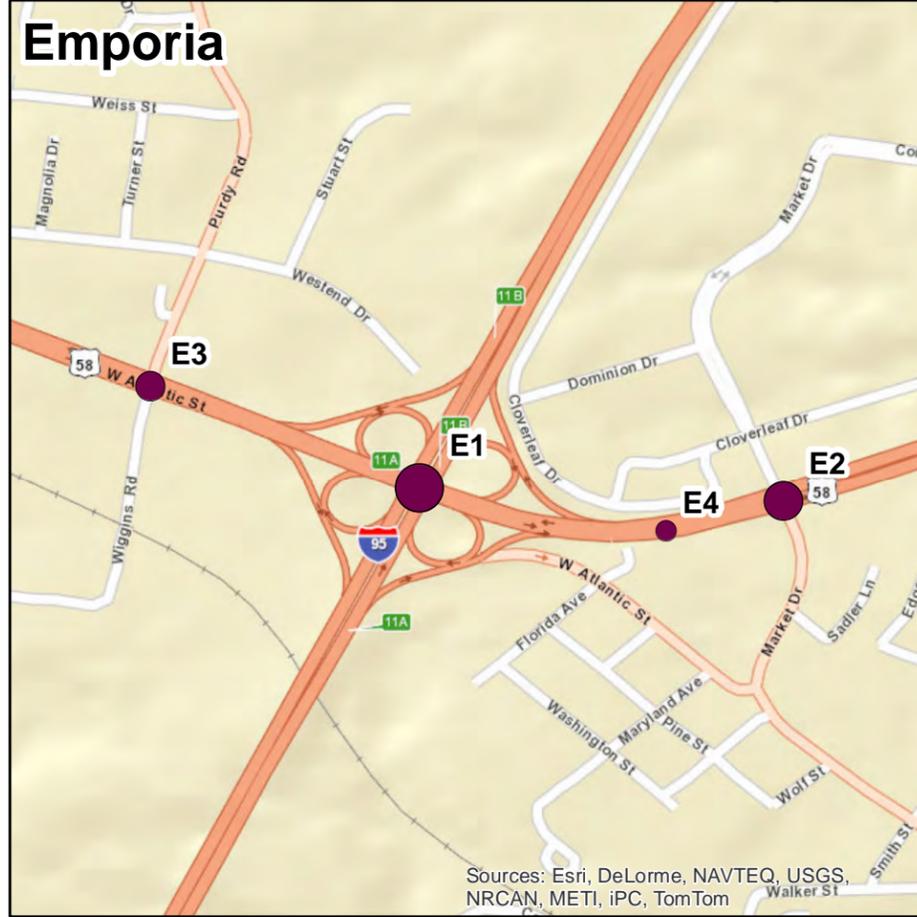
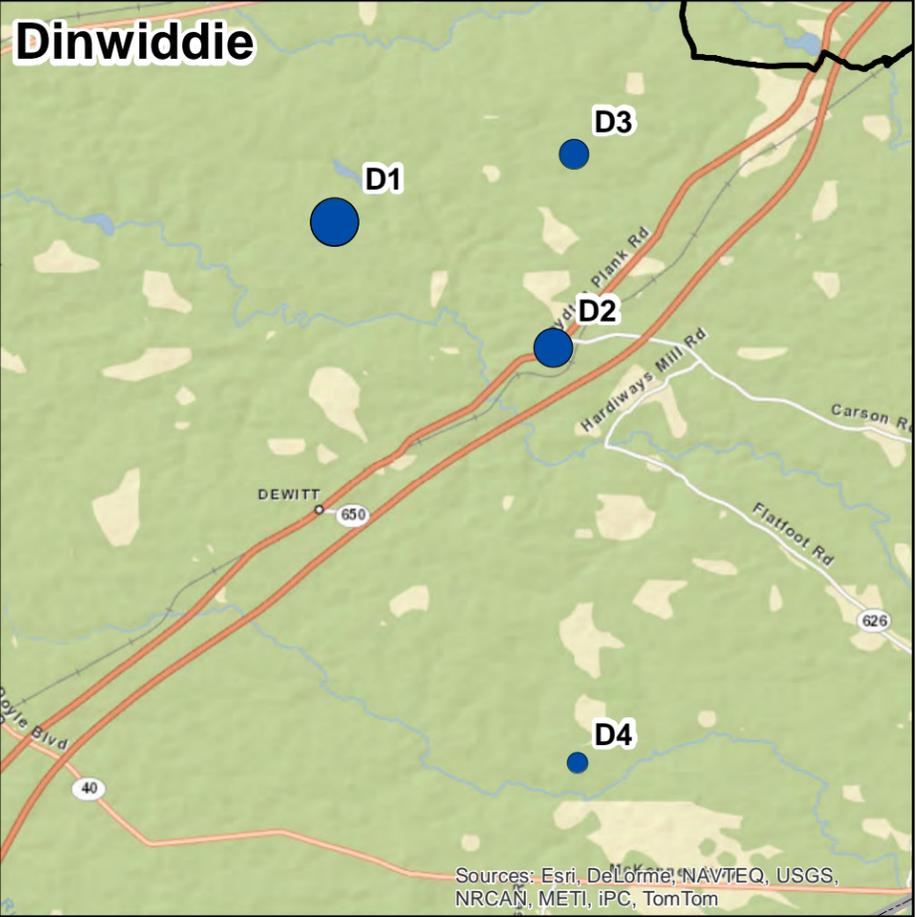
- Tri-Cities MPO Boundary
- Crater PDC
- County Boundaries

Alternative Basemap

- ESRI Street Map
- USGS Topo Map
- DeLorme Map
- National Geographic
- None/Google Map

Rural Transportation Program | Crater PDC | VAPDC | Contact the Webmaster

RTPID	RANK	LOCALITY	NAME	MILEAGE	FROM	TO	TYPE	SHORT TERM	MID TERM	LONG TERM
12	D1	Dinwiddie	VA 611 (Trinity Church Rd/Wilkinson Rd)	8.50	US 460	VA 627	Segment			Reconstruct road to address geometric deficiencies (10' lanes)
2	D2	Dinwiddie	US 1 (Boydton Plank Rd)/VA 627 (Courthouse Rd)				Intersection	Construct concrete central island for stop sign on VA 627 southbound approach; install advance intersection warning signs (W2 series) on US 1	Study installation of right turn lane on Courthouse Rd	
16	D3	Dinwiddie	VA 661 (Boisseau Rd)	2.42	VA 627	VA 613	Segment			Reconstruct road to address geometric deficiencies (12' lanes)
20	D4	Dinwiddie	VA 619 (Courthouse Rd)	4.72	VA 658	VA 40	Segment			Reconstruct road to address geometric deficiencies (12' lanes)
107	E1	Emporia	US 58/I-95				Intersection	Cloverleaf ramps onto and off I-95 and US 58 should be extended due to safety reasons		
108	E2	Emporia	US 58/US 58 Bus (Market Dr)				Intersection	Extend/add right turn lane from Market Dr onto westbound US 58 Bypass	Investigate possibility of installing crosswalks and pedestrian signals; improve signal timings at intersection	
109	E3	Emporia	US 58/Purdy Rd				Intersection	Flooding concern at US 58 and Purdy Road; Install new infrastructure to handle flooding in this area		
110	E4	Emporia	US 58	0.91	VA 619	US 301 Ramps	Segment	Extend right turn lanes at Market Dr and Purdy Rd		Widen US 58 to 6 lanes
96	G1	Greensville	US 301 (Sussex Dr)/CSX Railroad				Intersection			Replace bridge over CSX railroad
89	G2	Greensville	US 301 (Sussex Dr)/VA 614 (Otterdam Rd)				Intersection	Paint pavement markings on westbound approach of Otterdam Rd	Assess the intersection for signalization	
99	G3	Greensville	VA 617 (Water Wheel Rd)	0.70	VA 610	VA 614	Segment			Reconstruct road to address geometric deficiencies (11' lanes)
100	G4	Greensville	VA 614 (Otterdam Rd)	0.62	VA 617	US 301	Segment			Reconstruct road to address geometric deficiencies (12' lanes)
26	PG1	Prince George	US 460 (County Dr)	2.77	VA 625	VA 601	Segment	Corridor improvement project	Add turn lanes at intersection with Routes 601, 624, 635, 618; install warning lights/rumble strips at VA 616 (US 460 Location Study)	
32	PG2	Prince George	US 460 (County Dr)/VA 618 (Queen St)				Intersection	Relocate utility pole on southeast corner (fixed object hazard); repave corners to remove depressions at the corners; install advance intersection warning (W2 series) on US 460 approaches		US 460 realignment
33	PG3	Prince George	US 460 (County DR)/VA 625 (Hines Rd)				Intersection			Add turning lanes
34	PG4	Prince George	VA 616 (Pole Run Rd)	3.76	VA 625	VA 10	Segment			Reconstruct road to address geometric deficiencies (10' lanes)
66	SR1	Surry	VA 626 (Beaverdam Rd)/VA 618 (Hollybush Rd)				Intersection	Install pavement markings including edge lines, centerline and stop bar; repave the depression on NE corner		
67	SR2	Surry	VA 10 (Colonial Trail E)/VA 650 (Mount Ray Dr)/Hog Island Rd				Intersection	Install advance intersection warning signs (W2 series) on VA 10; install pavement marking on northbound Mount Ray Dr		
69	SR3	Surry	VA 650 (Hog Island Rd)	6.56	VA 617	James River	Segment	Install no passing (W14-3) and horizontal alignment (W2) signs at appropriate locations		
81	SR4	Surry	VA 627 (Moonlight Rd)	0.43	VA 10 E	0.5 m S of VA 10	Segment	Widen road, improve ditches, straighten curve		
45	SX1	Sussex	VA 40 (Main St)/Railroad Ave/Railroad Crossing				Intersection	Relocate stop bar and stop sign on Railroad Ave; study improvement of sight distance from Bank St by reconfiguring parking		
46	SX2	Sussex	US 460 (N County Dr)/VA 603 (Church St)				Intersection	Paint stop bar on Church St approach; enhance channelization at southwest corner for US 460 traffic (island is a fixed object hazard; assess speed reduction measures in this section of US 460)	Assess the intersection for signalization	Urban 2-lane section on Church St
47	SX3	Sussex	US 460 (N County Dr)/VA 714 (High St)				Intersection	Relocate stop sign on southbound approach of High St (fixed object hazard); Assess speed reduction measures in this section of US 460		Add turning lanes on High St
65	SX4	Sussex	US 460 (General Mahone Hwy)/VA 602 (Cabin Point Rd)				Intersection	Install new pavement markings on VA 602		Assess intersection for signal warrants



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JOIN FOLAR

AND HELP BUILD THE GREENWAY - BLUEWAY ALONG THE APPOMATTOX RIVER

2013 Battle or Paddle



We're proud to present to you the **6th Annual Battle or Paddle** along the Appomattox River from Hopewell to Petersburg.

{ [FIND OUT MORE](#) }

Latest News

- Watch out for Poison Ivy
- Signs in Appomattox Regional Park
- A little recognition
- Special thanks to American Water!!
- The Signs are Up in Appomattox Regional Park
- Fitness Trail at PG Park
- Hopewell Clean Up 2012
- Girl Scout Clean Up

Get Involved



Volunteer with cleanups, water quality monitoring, projects, or become a member of FOLAR. There are many ways to get involved!

{ [FIND OUT MORE](#) }

Browser: FOLAR (Friends of the Lowe... x)
 URL: https://www.facebook.com/groups/111519912208989/

Navigation: Apps, Cisco SF300-24 (SR...)

Group Name: FOLAR (Friends of the Lower Appomattox River)

Members: Mark Bittner, Home, Find Friends



Navigation: FOLAR (Friends of the Lowe... Members Events Photos Files Join Group + Create Group

Kenneth Wayne Walton Sr.
 This is a picture of Steve Thomas. He is FOLAR's resident historian and an amazing human being.. In his mid 80's he has taught our youth for over 50 years and continues to give back to our communities through his story telling.



About 375 members

Open Group
 Friends of the Lower Appomattox River, or FOLAR is a nonprofit organization representing commun... See More

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Delta Pelgrim and 3 other friends joined + Join
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Scott Brabrand and 2 other friends joined + Join
- 8595 Club of William & Mary
John Gru... Chat (6)

Volunteers build fitness trail at PG park

BY RAYMOND GIDDINGS (STAFF WRITER)

Published: October 19, 2012

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A load of dirt is dumped from a front-end loader as volunteers build a fitness trail at the Appomattox River Regional Park in Prince George County on Tuesday.



Jimmy Dailey and Nelson Chilson work on assembling a frame.

Image Gallery for Volunteers build fitness trail at PG park

PRINCE GEORGE - Volunteers with Walmart Distribution Center in Dinwiddie County joined forces with a local group to build a fitness trail at the Appomattox River Regional Park.

The volunteers joined forces with FOLAR - Friends of the Lower Appomattox River - and the Prince George County Parks and Recreation on Monday and Tuesday to build the trail that stretches one-third of a mile and includes 10 fitness stations.

Other work to be done will include trail clearing, laying stone, grass cutting, bridge building and other park maintenance.

"This park is all about volunteers, grants and little taxpayer dollars," said FOLAR co-chairman Wayne Walton.

The overall project will cost about \$6,000.

Walmart, through its distribution center and its Volunteerism Always Pays program, provided the majority of the labor for the two-day event. The Walmart volunteers plan to give a \$5,000 grant to put towards the project. Walmart in the past has partnered with FOLAR on projects at Ferndale Park in Dinwiddie County and a project at Lee Memorial Park in Petersburg.

The trail project is part of a regional effort to create infrastructure along the Appomattox River where citizens can access the river and enjoy its unique and irreplaceable setting.

The Appomattox River Regional Park is part of a regional trail system that will one day be a 22-mile trail along the lower Appomattox River.

The park is a signature project of FOLAR, which operates under the umbrella of the Crater Planning District Commission. Since 2003, the park has grown from an original 25 acres to 67 acres of woodland trails, pavilions, bathrooms, a fishing pier, canoe launch, stone bridge, overlooks and wood bridges over wetlands. It has been a true volunteer effort, including many partners.

The Appomattox River Regional Park is located along the Appomattox River behind the Riverside Regional Jail in Prince George County.

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FOLAR Annual Meeting – November 28, 2012





Appomattox River Regional Park Clean Up – December 14, 2012





City Point Shed Removal – January 11, 2013





Hopewell City Park Clean Up – February 1, 2013





Appomattox River Tire Clean Up – April 13, 2013



Cleanup aims to maintain the beauty of the Appomattox

BY LEAH SMALL (STAFF WRITER)

Published: April 15, 2013

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Sutherland resident Harry Livesay collects trash Saturday near Campbell's Bridge between Petersburg and Ettrick for the Friends of the Lower Appomattox River.



Rory Dickinson, left, and Nicholas Riggs, both 11 and residents of Petersburg, collect trash along the Appomattox River near Campbell's Bridge between Petersburg and Ettrick.

PETERSBURG - The Friends of the Lower Appomattox River are working to ensure that the waterway's banks remain a little piece of heaven on earth.

Members of the non-profit group, and other community volunteers, came out in force for a cleaning day Saturday at four locations along the river in Petersburg, Hopewell and Colonial Heights.

FOLAR was established in 2000 with the goal of preserving the Appomattox River and working to create a "greenway-blueway" walking and boating trail system of nearly 22 miles. The trail system, much of which is completed, will span from the dam at Lake Chesdin to where the Appomattox meets the James River in Hopewell.

The annual clean-up is a way to enhance the beauty of the river, but Dinwiddie resident and 10-year FOLAR member LuAnn Collier said that it's also a matter of good health. As a sixth-grade science teacher, Collier realizes the importance of clean waterways.

"Healthy waterways are important for everyone. It's not just a matter of aesthetics; it also impacts the quality of water."

With garbage bag and trash picker in hand, she got to work ensuring the river's health near Campbell's Bridge, which spans the peacefully moving rapids where Petersburg meets Ettrick.

It was clear by the many bags collected, and the litter that remained, that not all visitors were as concerned with preservation, which angered Collier.

"It frustrated me because you do have garbage cans available and the city empties them on a regular basis. The people who come down to enjoy the river are often the ones responsible for the trash," she said.

Sarah Melissa Witiak, a Virginia State University biology teacher, came out to preserve the nature she sees walking to work along the river daily.

"You see all kinds of wildlife: blue birds, herons, orchids and deer," she said.

Witiak also does water quality monitoring of the river with some of her students.

Steve Thomas is a member of FOLAR who has enjoyed canoeing on the the Appomattox since the 1960s. He said that the river clean up is part of movement to change people's attitudes toward fitness and preservation.

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She's Getting to Know Grandma...

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Latest News

FOLAR thanks volunteers for successful river cleanup

Published: May 5, 2013

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SIGN UP NEWSLETTER

To the Editor:

Friends of the Lower Appomattox River would like to thank all of the volunteers who helped with a recent cleanup along the river.

FOLAR held its annual Spring River Cleanup April 13 at several sites, including Campbell's Bridge in Petersburg, Roslyn Landing Park in Colonial Heights, and Hopewell Marina and City Park in Hopewell. The volunteers collected more than 35 bags of trash, 25 tires and other debris.

It was a great team effort and continues FOLAR's mission to protect and conserve the Appomattox River.

Volunteers from Virginia State University, the Boy Scouts, the Crater Planning District Commission, Virginia-American Water, Hopewell Public Schools, City Point Neighborhood Watch, the Keep Hopewell Beautiful Committee and other FOLAR members participated in this worthwhile initiative. Container First Services, or CFS, supported the effort by donating a large dumpster in Hopewell and picked up the debris from the cleanup site in Petersburg.

CFS also provided a large container that was filled with debris from an old trailer park along the river in Hopewell. The localities of Petersburg, Colonial Heights and Hopewell provided support, as well, to make the cleanup a shining success.

For more information about FOLAR, visit folar-va.org or call Wayne Walton at 804-943-6278.

Wayne Walton
 Chairman,
 FOLAR
 Hopewell

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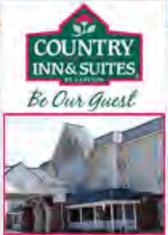


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May 28, 2013

Mr. Wayne Walton, Board Chair
Friends of the Lower Appomattox River
1964 Wakefield St.
P. O. Box 1808
Petersburg, VA 23805

Dear Mr. Walton:

I am pleased to inform you that The Cameron Foundation approved a grant of \$15,000 for technical assistance to Friends of the Lower Appomattox River.

This is a grant of \$15,000 to the Friends of the Lower Appomattox River for technical assistance to assist with board development, strategic planning, and resource development. Payment of this grant is contingent upon the execution of a contract with a consultant that meets the Foundation's guidelines within 30 days of grant award. In making this grant the Foundation is not obligated to make a future grant for this or any other purpose.

This grant has been approved with the specific understanding, based upon your representations, that Friends of the Lower Appomattox River is an organization that is exempt from federal income tax under Section 501 (c) (3) of the Internal Revenue Code, and is not now, nor has within the last five years been, classified as a "private foundation" as described in Section 509 (a) of said Code. Further, in accepting this grant Friends of the Lower Appomattox River agrees that the grant funds will be used exclusively for exempt purposes as described in Section 501 (c) (3) of said Code, and will not be used for the carrying on of propaganda, nor for otherwise attempting to influence legislation (within the meaning of the taxable expenditure prohibition rules of Treasury Regulations §53.4945-2), nor for participating in, or intervening in, any political campaign on behalf of, or in opposition to, any candidate for public office.

The grant also is expressly conditioned upon the following:

1. The grant funds must be used exclusively for the purpose or purposes described in the proposal your organization submitted to the Foundation; provided, however, that if your organization determines that a material variance in use is required or desirable, your organization may request a variance in use from the Foundation. The Foundation will have no obligation to permit such a variance, and your organization must not implement any such variance unless and until it receives written permission from the Foundation.
2. Your organization must submit to the Foundation both a post-grant evaluation report and a post-grant financial report with respect to the activities funded by the grant. These forms must be completed on the Foundation's website, (www.camfound.org) then printed, signed, and submitted in hard copy to the Foundation. These reports must be submitted on or before the following dates:

Technical Assistance Report	12/31/2013
Financial Report	12/31/2013
Technical Assistance Consultant Report	12/31/2013

The Foundation also would welcome your submission of any other program or financial reports that your organization may prepare.

If your organization, without a reason acceptable to the Foundation, fails to make when due the reports described above, the Foundation reserves the right to require your organization to return all or a portion of the grant funds to the Foundation. Unexcused delinquencies or tardiness in furnishing these reports will also be viewed as a basis for denying future requests by your organization for funding for a period of five years.

This grant will be made according to the following payment schedule:

*To be determined	\$15,000
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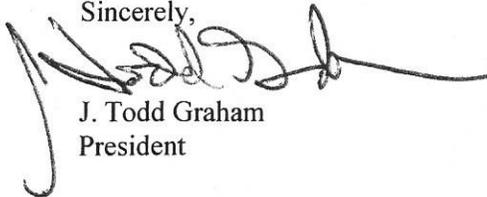
***Payment of this grant is contingent upon the execution of a contract with a consultant that meets the Foundation's guidelines within 30 days of grant award.**

If your organization is a publicly supported organization under Section 501(c) (3) of the Internal Revenue Code, be advised that the Foundation is a private foundation and only a portion of this grant may qualify as public support.

If you accept the foregoing terms and conditions of the grant, please indicate such acceptance by signing and returning the original letter (the copy is for your records). It is very important that you do this at your first opportunity, because the grant will be subject to cancellation by the Foundation if the signed copy is not received by the Foundation before the date for the first scheduled payment pursuant to the grant.

On behalf of the Board of Directors of The Cameron Foundation, I congratulate your organization on its selection as a grant recipient, and I extend my best wishes for the success of your efforts. If you have concerns or questions, please feel free to contact me.

Sincerely,



J. Todd Graham
President

Accepted this 3RD day of JUNE, 2013

Friends of the Lower Appomattox River

By K. Wayne Walton
Mr. K. Wayne Walton
Board Chair

By Dave Goode
Dave Goode
Vice-Chair

ORIGINAL



New Signs at Appomattox River Regional Park – June 14, 2013



Virginia American Water Awards Environmental Grants to Virginia Institute of Marine Science, Friends of the Lower Appomattox River and Friends of the Occoquan

Alexandria, VA (July 1, 2013) – Virginia American Water today announced that three Virginia nonprofit environmental organizations have each received grants to advance protection of water resources.

The Virginia Institute of Marine Science (College of William & Mary) received a \$3,000 grant to conduct tidal, spectral and seasonal analyses of water quality parameters of the Appomattox River.

Petersburg-based Friends of the Lower Appomattox River, which works to protect the Appomattox River and promote its natural beauty and history, will use its \$3,000 grant to build organizational capacity, which includes refining its master plan, organizing a membership drive, writing grants, updating its website, coordinating water quality monitoring and managing volunteers.

The Friends of the Occoquan, which is based in Woodbridge and works to preserve and maintain the Occoquan Watershed, will use its \$1,000 grant to plant trees at the Occoquan regional park in Fairfax County.

“At Virginia American Water, we are proud to support the efforts of local organizations that share our commitment to watershed and environmental protection,” said Virginia American Water President William R. Walsh. “This assistance to our community partners leverages local resources and capabilities to make a positive impact on the environment.”

Established in 2005, American Water’s Environmental Grant Program offers funds for innovative, community-based environmental projects that improve, restore or protect the watersheds, surface water and/or groundwater supplies in the local communities the company serves.

Virginia American Water, a subsidiary of American Water (NYSE: AWK), is the largest investor-owned water utility in the state, providing high-quality and reliable water services to more than 320,000 people. Founded in 1886, American Water is the largest

publicly traded U.S. water and wastewater utility company. With headquarters in Voorhees, N.J., the company employs approximately 6,700 dedicated professionals who provide drinking water, wastewater and other related services to an estimated 14 million people in more than 30 states and parts of Canada. More information can be found by visiting www.amwater.com.

###

[FOLAR \(Friends of the Lower Appomattox River\)](#) Local group seeking to conserve Appomattox River receives grant

[progress-index.com/news/local-group-seeking-to-serve-appomattox-river-receives-grant-1.151641](#)

Apps Cisco SF300-24 (SR...)

Local group seeking to conserve Appomattox River receives grant

BY LEAH SMALL (STAFF WRITER) Published: July 6, 2013

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SIGN UP NEWSLETTER

HOPEWELL - Friends of the Lower Appomattox River, a group that focuses preserving the waterway for future generations, has received a \$3,000 grant from Virginia American Water.

FOLAR was established in 2000 with the goal of preserving the Appomattox River and working to create a "greenway-blueway" walking and boating trail system of nearly 22 miles. The trail system, much of which is completed, will span from the dam at Lake Chesdin to where the Appomattox meets the James River in Hopewell.

Samantha Villegas, a spokesperson for Virginia American Water, said that the grant would be used to "build organizational capacity, which includes refining

its master plan, organizing a membership drive, writing grants, updating its website, coordinating water quality monitoring and managing volunteers."

Hopewell City Councilor Wayne Walton, Ward 5, who heads FOLAR, said that the organization has used the grant to hire a summer intern from Virginia Commonwealth University charged with many of these tasks. Their website, folar-va.org, has been updated and the organization is now on Twitter.

One of the organization's recent efforts include putting four interpretive signs last month in Appomattox Regional Park. FOLAR plans for more signs to span from Hopewell to Dinwiddie which is meant to inform visitors about plant and animal life and regional history.

FOLAR is also working to improve a Prince George County canoe launch located in the park. Walton said that the main thing impeding its opening is the condition of the road leading up to the launch.

Walton said that preserving the Appomattox River was essential to the region's well being.

"The Appomattox River is the tie for the six communities below Lake Chesdin; it's why we are here so we need to conserve it," he said. "It's the source of our drinking water and that's why it's important to Virginia American Water."

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FOLAR Fishing Day – August 13, 2013



Friends of the Lower Appomattox River

*Assessment Report and Board
Member Interviews – Findings
and Recommendations*

September 25, 2013

Prepared by:

**Brydon M. DeWitt, President
DeWitt & Associates, Inc.**

Principles of Successful Organizational Development

The concept and function of organizational development refer to more than the act of raising money. Organizational development is a process that helps an organization to define itself, communicate its mission and its needs, and then involve its logical constituency in helping fulfill its mission and reach its potential. Development is marketing, because the needs of the donor/volunteer must be met as the goals of the organization are achieved. Development is **holistic**, depending upon the efforts of each person who serves the organization, whether it is as a staff member or a volunteer. The development process includes fundraising as a means to help accomplish organizational objectives.

This **concept** of development described above requires a commitment to a planning process involving key staff and volunteer leadership to examine the purpose and the program currently in place, establish specific objectives, and affirm the organizational will to accomplish them. Therefore, development is active, rather than reactive, enabling the organization to create, plan, and manage its future. Such planning that builds **ownership** among key constituents often determines, from the outset, whether or not development goals will be achieved.

Everyone associated with the organization is a key player in its ability to succeed. The image of the organization and the quality of its services, as well as its fundraising efforts, are in the hands of each Board member and key volunteer.

The **function** of organizational development, recognizing the guiding spirit of the concept described above, may be summarized in two basic goals that drive the planning and the day-to-day activities of the development program:

Marketing/Communications -- telling FOLAR's story to its target audiences to build an accurate perception and endorsement of its mission, purpose, program, and effectiveness in service.

Fundraising -- meeting the financial needs of FOLAR through effective use of volunteers, activities, and programs to raise voluntary gift support for annual and capital purposes.

Therefore, a comprehensive organizational development program is one that has engaged in a broad-based planning process that has resulted in the expression of a clear and compelling vision for the organization and charted a practical course of action to accomplish its goals.

Purpose of the Assessment

Assessing the previous work of Friends of the Lower Appomattox River in marketing and fundraising and the current environment for engaging support for its mission are essential in determining the possibilities of moving forward successfully in expanding the donor base and financial support. An important step in that process is gaining an understanding of how the members of the Board – the organization's principal volunteers- view FOLAR and the challenges it faces.

How the Assessment Was Conducted

The process used to conduct the assessment was:

1. Discussions with Wayne Walton;
2. Review of written and printed materials;
3. One-on-one interviews with members of the Board conducted by the consultant.

Findings

1. There is a basic understanding of the purpose of FOLAR and a strong commitment to their understanding of the mission.
2. There is a shared concern about the financial position of the organization and the need to work toward financial stability through improved, consistent fundraising.
3. The fundraising that has occurred and is currently ongoing has been accomplished primarily by Wayne Walton and Richard Taylor who have secured project grants from local foundations and corporations.
4. There is not currently an internal statement of the case for support of FOLAR.
5. The organization has a strategic plan that was created in house a few years ago. Most Board members were not aware of its existence.
6. The Board is comprised of individuals committed to the work of FOLAR but need a better understanding of their roles and an improved means to participate at the Board level.
7. There is currently no marketing/communications and fundraising plan; however, there is consensus that the organization needs to increase its public profile in the service areas and to raise more money.
8. There were strong expressions of support for FOLAR to become more active in providing educational programming. A few hoped for the building of a physical center for such programs on a year-round basis.
9. Most Board members interviewed expressed willingness to be a part of the membership/annual fundraising effort.

Recommendations for Action

Mission Statement:

The current mission statement – *Communities working in partnership to conserve and protect the Lower Appomattox River* – should be reviewed by the Board.

Strategic Planning:

A priority should be given to the creation of a new strategic plan. The planning process should seek to involve members of the Board and other key leaders in the communities impacted by the efforts of FOLAR.

Board Development:

A Board Workshop should be conducted to provide basic training for members, help them better understand their leadership roles, and set objectives for strengthening, involving, and expanding the Board. Attention should be given to Board structure, job description, and ongoing Board evaluation and education.

Marketing and Fundraising

1. The Board should review and approve an internal case statement that would be used to:

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- a. Obtain internal consensus about how FOLAR, its mission, goals, and objectives, should be described;
 - b. Recruit and inspire volunteer leadership;
 - c. Assist in raising annual gifts and provide the basis for raising major gifts;
 - d. Be a key resource in marketing and market-testing;
 - e. Serve as a resource and a basis for fundraising materials.
2. Following the creation of the internal case statement and a presentational version of it, willing members of the Board should be trained and conduct a Prospect Identification Program.
 3. The consultant will create and implement a development action plan that encompasses marketing/communications and fundraising for review and approval of the Board. The plan would include:
 - a. Setting up a consistent and volunteer-driven membership/annual fund program;
 - b. Beginning a major giving program (MOVES)
 - c. Creating a marketing/communications plan to:
 - i. Complement and support the fundraising efforts;
 - ii. Raise the profile of FOLAR among key constituents as well as identified target markets.

Reports and Recordkeeping:

The online services of DonorSnap (or other online data programs) should be investigated as a low cost way to provide adequate recordkeeping and report generation for development.

Questions and Responses

1. *What do you understand is the mission of FOLAR?*

Current Mission: *Communities working in partnership to conserve and protect the Lower Appomattox River*

- a. Wants to get everyone access to the river; opportunities to use the river; provide education
- b. Is the conservation and enjoyment of the Appomattox River.
- c. To communicate to the public this wonderful gem and to encourage and promote access, enjoyment, etc. of the river.
- d. To preserve our riverfront, make it available to the public and bring an awareness of our river.
- e. Protection of the river and get knowledge to people to use the river.
- f. Being able to give the public access to the river; development of trails.
- g. To make the river more accessible to the public.
- h. To connect Lake Chesdin Dam with Hopewell city center. Connecting people with the river.
- i. To develop a trail along the river, promote the uses of the river, promote watershed protection, to prevent pollution.
- j. Enhance and protect the Lower Appomattox River and encourage its wise use.

2. *Why do you continue your involvement with FOLAR?*

- a. Like getting something accomplished; meet good people
- b. Enjoy outdoors – leave the world better than I found it.
- c. Clean water.
- d. Stay involved because of the entity I represent and because I believe in the mission.
- e. Always been a water person.
- f. Keeps me involved with people working with the river.
- g. It's a good group.
- h. Because of my involvement with the County Board of Supervisors. Most fun organization I'm involved with.
- i. Believe in the mission.
- j. My interest in wildlife and river systems. Still passionate about the organization.

3. *Which are the current/near future needs of the organization?*

a. Membership/Funding

- i. Membership – need to secure more members
- ii. Attract more paying and sustaining members
- iii. Broaden the base of financial support and volunteer support
- iv. Have a membership system – individual and corporate

b. Marketing/Communications

- i. Membership lists/ mailing lists
- ii. Marketing/communications
- iii. Get name out there – known as an avenue to get involved with the river.
- iv. More events like Paddle Battle
- v. Communications
- vi. Need better communications within the Board
- vii. Up its game in marketing/communications – true value to region
- viii. More community involvement
- ix. Newsletter – educational as well as promotion of FOLAR

c. Leadership

- i. New leadership development
- ii. Events where Board members can attend

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- iii. More leadership – so much on Wayne and Richard
- iv. Need to recruit different generations to the Board
- v. Hire a ½ time administrator

d. Strategic Planning

- i. Clearer focus on where it sees itself 5-10 years from now
- ii. Solidify a plan

e. Other

- i. Completing projects – river cleanup/maintenance
- ii. Get Petersburg to repair and maintain trails and parks they own
- iii. Get Hopewell to take care of their park
- iv. Visit sites as a group
- v. Communities allowing access
- vi. Meetings are open and everyone can vote – this could be a problem
- vii. Develop the trail from Lake Chesdin to Hopewell

4. Are you aware of a current strategic plan ?

- a. Yes – 2
- b. Somewhat -- 1
- c. No -- 7

5. What are the strengths of the organization?

a. Board/Leadership

- i. Board has great members
- ii. Board
- iii. Cooperative nature of Board members
- iv. Diversity of Board members
- v. Dedication of Board members
- vi. Working committee members
- vii. Willingness to work together
- viii. Absolute willingness among Board to get things done
- ix. Wayne and Richard
- x. Wayne Walton
- xi. Participating members have a positive attitude
- xii. People like Wayne
- xiii. Core strength is the leadership of Wayne and Richard

b. Reputation/Community Support

- i. Community respect
- ii. Good reputation
- iii. Name recognition
- iv. Support of corporations, foundations, and government groups
- v. Get things done -- II
- vi. Get the word out in the media
- vii. Paddle Battle
- viii. Common love of the outdoors
- ix. Successful in raising project money
- x. People who are involved are interested and want to make a difference
- xi. Volunteers
- xii. Regionalism
- xiii. Strong networking that takes place

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- c. **Other**
 - i. Nature of what we do
 - ii. Volunteers
 - iii. Grass roots
 - iv. Ability to raise money
 - v. Relationship with Fort Lee
 - vi. Things happen quickly
 - vii. Existing trail system

6. *What are the weaknesses of FOLAR?*

- a. **Marketing/Communication**
 - i. Marketing/communication
 - ii. Too few public events
 - iii. Lack of Board communication
 - iv. Communications and marketing
 - v. Internal communication with Board
 - vi. Communications to the public and within the Board
 - vii. Relationships with jurisdictions
 - viii. Information distribution limited
 - ix. Signage
 - x. Not involved with FAR and other groups interested in the same things – could join forces
- b. **Education**
 - i. Outreach to local schools – educational programming
 - ii. No education of the public about the river
- c. **Strategic Planning**
 - i. Strategic plan
 - ii. Lack of a strategic plan
- d. **Finances/Membership**
 - i. Do not have a good general membership
 - ii. People don't know how to join
 - iii. Not a user-friendly group
 - iv. Membership
 - v. Lack of financial support from localities
- e. **Leadership/Administration**
 - i. Richard and Wayne do most of the work – fail to delegate
 - ii. No one on staff
 - iii. Don't have any one specific person administering the organization
 - iv. A bit unprofessional – not a huge problem – in Board operations

7. *What opportunities do you see for the organization?*

- a. **Mission/Program**
 - i. Being able to acquire land on both sides of the river
 - ii. Clear trails as needed
 - iii. Signage
 - iv. Pier at Pocahontas, trail markers
 - v. Complete the trail – 22 miles on water and land
 - vi. Coordinate with other river groups
 - vii. Remove the dam in Petersburg
 - viii. Get adequate access to the river
 - ix. Nature center – facility that would be complete for public, school groups, etc.
 - x. Purchase new equipment

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- xi. Coordinate with the Chesapeake Bay organization
- xii. Piggybacking on existing organizations – coordination
- xiii. Trips on the Appomattox for the public
- xiv. Regional park authority

b. Education

- i. Have regular speakers
- ii. Schedule regular mornings at the river with a speaker
- iii. Build an educational center on the river with a staff
- iv. Provide opportunities for the city kids
- v. Water quality monitoring – collect and distribute data
- vi. Environmental education in school system
- vii. Reach out to resource people interested in the environment
- viii. Get universities involved
- ix. More public events
- x. Sponsor more events to promote interaction on the river
- xi. Events focused on the river
- xii. Use FOLAR to promote tourism
- xiii. Develop stronger ties with Richard Bland and Virginia State

c. Administration

- i. Hire an Executive Director – II
- ii. Have its own office separate from the planning office

d. Marketing/Communications and Fundraising

- i. Have sections adopted
- ii. Help fund what localities want to do
- iii. Decent newsletter
- iv. Decent membership system
- v. Opportunity to reach out to industries for funding

e. *What threats to the existence/effectiveness of the organization do you see?*

- i. Liability issues -- III
- ii. Lack of funding -- II
- iii. Some difficulty working with neighboring communities
- iv. Future leadership may be a problem
- v. Anything that negatively impacts the river
- vi. The economy
- vii. Leadership leaving
- viii. Low on public radar
- ix. Unable to get access from private landowners
- x. If anything happened to Wayne and Richard
- xi. Lose of corporate relationships
- xii. Reduction of govt. Board members' time commitment
- xiii. The way we tackle/don't tackle membership
- xiv. Lack of new leads in development
- xv. Politics

8. *How would assess the Board on which you serve?*

- a. Strong Board
- b. Need to involve more – committees are not used except for Paddle Battle
- c. Pretty good Board
- d. People willing to come out and participate
- e. They are there because they want to be
- f. Very committed

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- g. Lot of talk, but not a whole lot happening
- h. Not involved beyond the meetings
- i. Wayne, Richard, and the attorney are active
- j. See meetings as social events
- k. Pretty well run organization
- l. Meetings start and end on time
- m. Have a history with area and FOLAR
- n. Care for the water
- o. Like the diversity of the Board – different personalities; backgrounds are varied
- p. Connections that Wayne and Richard have
- q. Like our annual meeting with guest speaker
- r. Meetings are open to everyone and sometime this slows down meetings
- s. Like to see another representative from Dinwiddie who will participate
- t. Pretty strong. Good variety of folks with reps from different localities.
- u. Have strong folks for fundraising
- v. Well run
- w. New people on the Board from businesses
- x. Communications is great
- y. Wayne is trying to expand the Board
- z. Wait for Wayne and Richard to tell them what to do
- aa. Not involved between meetings
- bb. Board members do not think they are a part of setting the agenda

9. *What strengths do you bring to the Board?*

- a. Determined attitude
- b. Do what it takes to get job done -- II
- c. Know Wayne's cell phone number
- d. Foot soldier – will physically involve myself/hands on
- e. Enthusiastic person
- f. Not a planner, but a do-er
- g. Natural feel for the environment – conservationist at heart
- h. County board membership gives perspective
- i. Listen to discussions with patience and not be ugly
- j. Very committed to the organization; know everybody
- k. Know people
- l. Very willing to help, but not a leader. Can be a co-chair
- m. Dedication to the environment and willingness to spread the message
- n. Biology background – can help make certain environment is not negatively impacted
- o. Learned to be organized
- p. Funding – company has an environmental grants program
- q. Data for newsletter giving information on water quality
- r. Can provide some materials for water projects. Have watershed model that can be used in schools
- s. Ability to communicate, relate to media
- t. Access to graphic designers
- u. Understand how local governments approach regional cooperation

10. *What three priorities do you believe should be set for FOLAR for the next 12 to 15 months?*

- a. **Membership/Funding**
 - i. Secure necessary funding
 - ii. Expand the membership
 - iii. Membership – get people involved
 - iv. Resolve issue of membership
 - v. Membership system

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- vi. Establish ongoing fundraising program
- vii. General membership list built up

b. Marketing/Communications

- i. Build stronger relations with local governing bodies
- ii. Solidify our social media presence
- iii. Promote the river
- iv. Commit ourselves to an updated website – make it a real resource to the public
- v. Make an effort to present FOLAR to each member jurisdiction and business
- vi. Create and implement a marketing plan
- vii. More general public events
- viii. Communications system

c. Capital Projects

- i. Enhance education in the parks (Education Center) II
- ii. Build the nature center
- iii. Acquire for public use lands along the river
- iv. Work on the greenway/blue way
- v. Develop Ferndale Park East
- vi. Map out and expand beyond this area
- vii. Acquire trailer to consolidate equipment
- viii. Trail maintenance/completion of trail
- ix. Get written details on the property owners on the greenway/blue way and where trail would be
- x. Finish the trail

d. Other

- i. Hire consultant to determine FOLAR's future/staffing solution

11. Who should chair/co-chair the membership/annual fund program?

- a. David Goode – III I
- b. LuAnn Collier – III I
- c. Eloise Ward – III
- d. Lewis Johnson -- III
- e. Richard Taylor – II
- f. Jerry Skalsky -- II
- g. Patrick ??
- h. David Early

Committee members?

- a. David Early -- II
- b. Debbie Randolph -- II
- c. Susan Watson -- II
- d. Lorne Field (Chesterfield)
- e. Kimberly Conley – special assistant to the Board of Supervisors in Chesterfield
- f. Joanne – Chesterfield Planning Dept.
- g. Heather Barrar – works with Joanne
- h. Wert Smith – Blackwell Smith is his brother

12. Would you willing to serve as a volunteer in the fundraising efforts of FOLAR?

- a. **YES – 8 NO – 3**
- b. Signing solicitation letters – **YES –8**

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- c. Helping to make a personal call for money – **YES** – 7

13. Who would you name as potential donors to help the organization achieve its funding goals – those who could give \$10,000 or more?

Individuals

- a. Cleve Wright -- II
- b. The Sectors
- c. Blackwell Smith
- d. Gordon Finney
- e. Rolls Royce guy
- f. Charlie and Fran Rawlings – restaurant owners
- g. Elizabeth Abernathy
- h. Jack and Edwina Daniel
- i. Riley Ingraham
- j. Timm and Daphne Reid
- k. William (Bill) Patton – worked with FOLAR in the past
- l. Randy Sealy – Appomattox River Peanut Company
- m. Doug and David Sowers – land developers
- n. Pete Stith – former deputy county administrator (retired) – knows and has access to money
- o. Patrick Guidry
- p. Faye and Jim Shutt
- q. Emily and Raynard Walker
- r. Parker Johnson
- s. Henry Parker
- t. Bob Walker
- u. Jimmy Johnes
- v. Buddy Pollard
- w. Larry Tucker
- x. Jim Enochs
- y. Jimmy Daley
- z. Lourni Cooper

14. Is there anything else you want to add that hasn't been asked?

- a. Should focus on watershed protection. Public education needed. Tap into the bigger Bay program

Board Members Interviewed

1. LuAnn Collier
2. David Early
3. David Goode
4. Lewis Johnson
5. Jerry Skalsky
6. Richard Taylor
7. Steve Thomas
8. Christian Volk
9. Wayne Walton
10. Eloise Ward
11. Susan Watkins



Battle or Paddle – September 28, 2013



40 kayakers, paddleboarders go the distance from Petersburg to Hopewell Marina

BY F.M. WIGGINS (STAFF WRITER)

Published: September 30, 2013

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Joey Klingman talks to an interested onlooker about the wooden kayak he made himself. He used the kayak for Saturday's sixth 'Battle or Paddle,' a 10-mile river trip hosted by the Friends of the Lower Appomattox River.

PETERSBURG - More than 40 kayakers and even a couple of paddle boarders gathered at Pocahontas Island on Saturday morning for the start of the annual Friends Of The Lower Appomattox River "Battle or Paddle."

The event gives people a chance to battle it out and race from the starting line to this year's finishing point at the Hopewell Marina, or to leisurely paddle along the scenic Appomattox River.

"I've been wanting to do it for years," Joey Klingman of Hopewell said. "Something always conflicted with it, but this is my first chance to do it and I just turned 65."

Klingman was racing in the event Saturday in a kayak that he built himself. He said it took him about two years of off-and-on of work to complete the boat.

Wayne Walton, chairman of FOLAR and co-coordinator of the event, said that more than 25 people preregistered for the event, coming from the Tri-Cities, Herndon and even as far as Greenville, S.C.

"It's a great quality of life event," Walton said. People who participate in the event get to exercise, he added, and it also is a way for people to appreciate the natural beauty of the area.

"The Appomattox is a state scenic river," Walton said.

Walton said the event, which has grown every year since its inception, is now in its sixth year.

For some, the event represented a chance to get out and enjoy the sport that they love.

Mark Richardson of Chester said he came out to enjoy the river and kayak.

"I'm an avid kayaker," he said.

"I'm just here to have a good time," Mary McDaniel said.

McDaniel and several other kayakers who participated in the event Saturday traveled to the Tri-Cities from the Washington, D.C., area after hearing about the event through the Washington Kayak Meet-Up group.

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