



Clarke County Board of Supervisors Regular Meeting Agenda

Main Meeting Room Berryville / Clarke County Government Center
101 Chalmers Court, 2nd Floor, Berryville, Virginia

Item

October 16, 2012

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Clarke County Board of Supervisors Regular Meeting Agenda

Main Meeting Room Berryville / Clarke County Government Center
101 Chalmers Court, 2nd Floor, Berryville, Virginia

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17) Closed Session §2.2-3711(A29) - Discussion of the award of a public contract involving the expenditure of public funds, including interviews of bidders or offerors, and discussion of the terms or scope of such contract, where discussion in an open session would adversely affect the bargaining position or negotiating strategy of the public body; and §2.2-3711(A1) Specific Employees or appointees of the Board		263
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Note: The order in which Agenda items are considered may be changed to assure that public hearings are started as close as possible to the scheduled time

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Clarke County Board of Supervisors

Call To Order

Clarke County Board of Supervisors

Adoption of Agenda

Clarke County Board of Supervisors

VDOT

Clarke County Board of Supervisors

Clarke County Public Schools School Board Update



NORTHERN SHENANDOAH VALLEY
REGIONAL COMMISSION

To: Clarke County Board of Supervisors
From: Jill Keihn, Program Director *JDK*

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John R. Riley, Jr.
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Martha Shickle
Executive Director

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Jerry M. Schiro*

MIDDLETOWN
Mark Davis

STRASBURG
Robert Baker

STEPHENS CITY
Martha W. Dilg

WINCHESTER
Evan H. Clark
Timothy A. Youmans*

*denotes Executive
Committee Member

October 9, 2012

RE: Northern Shenandoah Valley Regional Hazard Mitigation Plan Update

Planning for natural disasters such as floods, earthquakes, and snow storms helps promote disaster response, reduces impacts, and results in timely allocation of funds to reduce risks. The Northern Shenandoah Valley Regional Hazard Mitigation Plan Update (Plan) has been prepared by NSVRC staff in coordination with a regional steering committee, state agencies, and public input. This Plan serves to identify strategies to facilitate locality readiness and enhance response and resilience in the face of hazards to protect life and property. This is to keep you apprised that within a few months, the Plan will be complete from agency review and available for Board consideration for adoption. If the Board has any questions or suggestions, please contact me.

On behalf of the twenty participating jurisdictions, the Northern Shenandoah Valley Regional Commission submitted a Regional Hazard Mitigation Plan to the Virginia Department of Emergency Management that will be forwarded to FEMA for approval. Once approved by FEMA, the Plan will be available for localities to consider for adoption by resolution. The Plan was developed in accordance with the requirements outlined in the Stafford Act, as amended by the Disaster Mitigation Act of 2000. The regulations stipulate to remain eligible for FEMA funding after a disaster, a locality must have a hazard mitigation plan updated every 5 years. The Plan serves as an update to the 2007 Multijurisdictional Hazard Mitigation Plan, adopted by most localities within the planning region.

The Plan includes the following:

- o Identification of various natural hazards that affect the region;
- o Ranking of hazards identified in terms of threat;
- o Assessment of potential losses to infrastructure, population, and operations from hazards;
- o Identification of goals and actions to mitigate hazards for each jurisdiction;
- o Updated listing of strategies to guide future hazard mitigation efforts, and an
- o Outline of a mechanism to monitor the plan in the future planning period.

Overall schedule:

- Dec. 2011: September 2012: Steering Committee and Staff prepare Plan
- Aug. 16, 2012: Public Meetings for input on Plan
- Sep. 17, 2012: Draft Plan submitted to VA Dept. of Emergency Management (VDEM)
- Oct. 15, 2012 (anticipated): VDEM advance Draft Plan to FEMA for review
- Nov. 15, 2012 (anticipated): FEMA approval of Draft Plan
- Dec. 2012 – Jan. 2013: Locality consideration of adoption of Plan
- Dec. 31, 2012: 20 Localities remain eligible for FEMA funding



DRAFT

**UPDATE of the NORTHERN
SHENANDOAH VALLEY REGIONAL
HAZARD MITIGATION PLAN**

September 2012 prepared on behalf of the City of Winchester, Clarke County, Frederick County, Page County, Shenandoah County, Warren County, Berryville, Boyce, Edinburg, Front Royal, Luray, Middletown, Mt Jackson, New Market, Town of Shenandoah, Stanley, Strasburg, Stephens City, Toms Brook, and Woodstock

by the Regional Hazard Mitigation Steering Committee administered through the NSVRC

DRAFT: Northern Shenandoah Valley

Regional Hazard Mitigation Plan

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Chapter 1: Introduction

This 2012 update to the Regional Hazard Mitigation Plan (Plan update) is intended to satisfy state mitigation planning requirements of the Disaster Mitigation Act of 2000 (DMA2K) at 44 CFR §201.4 and Public Law 106-390, signed into law October 10, 2000 which amends the 1988 Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act). The Plan update is for the Northern Shenandoah Valley region, including the City of Winchester, the five Counties of Clarke, Frederick, Page, Shenandoah, and Warren and the 14 Towns therein. Under the Act DMA2K, every locality recognized by the State Code that adopts a local or regional hazard mitigation plan every five years, remains eligible for the funding opportunities from hazards offered through the U.S. Federal Emergency Management Agency (FEMA), as part of the Department of Homeland Security. Therefore, by adopting this Plan update, the localities included in this Plan update will remain eligible for (HMGP) funds and the Hazard Mitigation Assistance (HMA) programs which include Pre-Disaster Mitigation (PDM), Flood Mitigation Assistance (FMA), Repetitive Flood Claims (RFC), and Severe Repetitive Loss (SRL) grant programs.

The Virginia Department of Emergency Management's Emergency Operations Plan Standard Hazard Mitigation Plan, Support Annex 3 (Volume II) requires that each of Virginia's cities, counties, and towns

“develop or take an active role in the development of a hazard mitigation plan for their respective areas. The PDCs are not required to develop a separate hazard mitigation plan for their regions, as they do not have the enforcement authority of the cities, counties, and incorporated towns. However, as described in Section 6.3.5(d), it was the intent of the Commonwealth of Virginia to combine as many of the mitigation plans as possible into regional, multi-jurisdictional plans using the PDCs as the planning agency for these efforts.”

To assist our localities in meeting the requirements of DMA2K and the suggested guidance through VDEM, the Northern Shenandoah Valley Regional Commission (NSVRC) assisted the regional Steering Committee consisting of representatives from each of the participating localities in the preparation of this Plan update of the Regional Hazard Mitigation Plan. The VDEM, in guidance documentation, noted that regional hazard mitigation plans are more cost effective methods of developing hazard mitigation plans than on a local level stating: *“With limited mitigation planning staff at the state level, it is important the local plans continue to remain regionalized to the extent possible.”* Preparation of this Plan update was prepared under a funding planning grant opportunity through VDEM.

This Plan update is formatted as follows:

Chapter 2: Regional Setting - a description of the manmade and natural environmental characteristics of the Northern Shenandoah Valley;

Chapter 3: The Planning Process - A description of the planning process used to develop the plan;

Chapter 4 - Hazard Identification and Risk Assessment (HIRA) – A description of the natural hazards in the area and an evaluation of the risks assessments;

Chapter 5 - Capability Assessment – an evaluation of the capacity of a locality to respond to a recover from a natural disaster;

Chapter 6 - Mitigation Strategy - outlines mitigation, goals, and strategies identified to reduce those risks identified in Chapter 3;

Chapter 7 - Plan Maintenance, Implementation and Adoption – a program strategy for to update the Plan and implement strategies.

Chapter 2.0 Planning Process

DMA2K: §201.4(c)(1): Description of the planning process used to develop the plan, including how it was prepared, who was involved in the process, and how other agencies participated

The Plan update represents a collaborative process that incorporated data and input from the twenty participating localities in the region and state agencies including the VDEM, Virginia Department of Transportation (VDOT), Virginia Department of Forestry (DOF), Virginia Department of Environmental Quality (DEQ), and the Virginia Department of Mines, Minerals, and Energy (DMME). In addition, industries, colleges, universities, health professionals, and representatives from public and private entities were invited to participate throughout the planning process. The purpose of inviting various participants to share their perspectives is to assure the development of a comprehensive community plan to reduce the long term risk to natural and human-caused hazards. The update of the 2007 Plan was implemented through a process led by a steering committee that met monthly during the time between December 2011 through September 2012. Data and maps from the 2007 Plan were included as appropriate and updated as needed. NSVRC staff worked with locality staff to identify local critical facility data and strategies. The steering committee guided the process to integrate locality data and determined how it could be incorporated into the 2012 update. This Plan update has been expanded to include all twenty jurisdictions within the planning region including the City of Winchester, the Counties of Clarke, Frederick, Page, Shenandoah, and Warren and the fourteen Towns therein. Due to limited staff resources of some localities, certain municipalities elected to report through the County where they are located, these include the Towns in Shenandoah County, Towns in Frederick County, and the Town of Boyce in Clarke County. The planning process included meetings held with the steering committee held at the dates listed below. The meetings were announced monthly in media releases and open to the general public.

Hazard Mitigation Planning Meetings
Jan. 2010 1-3PM
Dec. 8, 2012 10-11:30 AM
Jan. 19, 2012 9:30-11:30 AM
Feb. 22, 2012 10-11:30 AM
Mar. 13, 2012 10-11:30 AM
Apr. 18, 2012 10-11:30 AM
May 29, 2012 10-11:30 AM
Jul. 19, 2012 10-11:30 AM
Aug. 16, 2012 10-11:30 AM
Aug. 16, 2012 3-8 PM
Sep. 18, 2012 10-11:30 am

The public outreach efforts were designed to solicit community input prior to submittal to the Virginia Department of Emergency Management and again, prior to adoption by a participating jurisdiction. In addition, the draft Plan 2012 update was available for review by soliciting surrounding localities, business, and other agencies for comment. The public was invited to participate in the Plan update. Media releases were issued in April, June, July, and August of 2012 to describe the status of the Plan update and inform the public of upcoming opportunities to give comment and participate in the planning process. A public outreach event was held on August 16, 2012 with two public meetings and an open house to encourage interested citizens to participate and comment on the Plan. The public meetings were advertised in local newspapers through the media advisory, television stations, and on a radio public service announcement. An electronic copy of the Draft Hazard Mitigation Plan was made available for public review and comment on the NSVRC website (www.NSVregion.org) and flyers were distributed to localities for posting on their websites as well as displaying during the National Night Out event at booths on August 7, 2012. Comments received on the Plan were reviewed by NSVRC and presented to the Steering Committee. In addition, the Plan update was announced for review directly for review and comment by the following: neighboring communities, local and regional agencies involved in hazard mitigation activities, and agencies that have the authority to regulate development, as well as businesses, academia and other private and non-profit interests to be involved in the planning process. In addition, existing plans, reports and studies available were reviewed to provide information incorporated into this Plan update. This includes locality comprehensive plans, SHENAIR air quality initiatives (hazard capacity assessment on I-81), community and development priorities, transportation plans, comprehensive plans, capital improvement projects, and other reports. Neighboring communities were invited to attend monthly meetings as well as to comment on the Plan update.

The following were provided opportunities to review and comment on the Plan update were invited as participants to the meetings as well as given the chance to provide input and comment to affect the Plan's content:

- 1) Local and regional agencies involved in hazard mitigation activities (Amy Howard of VDEM and Scott Hudson of VDEM as well as all regional emergency response coordinators);
- 2) Agencies that have the authority to regulate development (each participating locality's planning staff and or designee along with elected officials; and
- 3) Neighboring communities and interested citizens.

The following were notified of the planning process and invited to participate: Chief Administrative Officers (Town Managers, County Administrators, City Manager), regional emergency managers, Shenandoah University, Lord Fairfax Community College, Christendom College, Shenandoah National Park, George Washington National Service, Rappahannock Rapidan Regional Planning Commission, the City of Harrisonburg, steering committee members on the 2007 Hazard Mitigation Plan, along with additional organizations in the NSV region. The above were invited to participate in the kick off meeting of the Plan update through telephone

calls and electronic communications distributed to each participating jurisdiction, various local businesses, agencies, hazard mitigation personnel on local and regional levels, academia, neighboring communities, and agencies from the state and federal government. Following the kick off meeting, the participating jurisdictions were communicated to electronically with updates regarding opportunities to participate, strategy update, and during the review process. The monthly steering committee and larger planning group meetings to update the plan were provided in the NSVRC monthly media releases announcing each meeting location, time, and purpose to encourage involvement and participation from the community and interested citizens. Each of the twenty jurisdictions was also communicated with by telephone during the July and August 2012 review and comment period. Specific fliers and pamphlets were issued periodically throughout the Plan update process to continue to solicit input from neighboring communities and the public. These press releases and announcements are included in the appendix to this Plan.

The Virginia State Hazard Mitigation Plan was reviewed and incorporated into this Plan update, as referenced throughout. The FEMA guidance from October 2011 was reviewed and also helped guide this Plan update. Online searches referenced from various guidance documents were reviewed and included in this Plan update as appropriate, especially with regard to specific hazards, including state and federal hazard information, statistics, and trends.

Hazard mitigation planning is the process of organizing community resources, identifying and assessing hazard risks, and determining how to minimize or manage those risks. While this Plan update deals primarily with natural hazards, human-caused hazards were identified as an area for future mitigation planning efforts. A central theme of hazard mitigation is that pre-disaster planning will significantly reduce the demand for post-disaster assistance by lessening the need for emergency response, repair, recovery and reconstruction and encourage locality resilience to disasters. The primary objective of the planning process is to identify strategies to reduce the impact of hazards. The strategies identify responsibility for each mitigation action, prioritization, and other mechanisms to encourage its implementation. Plan maintenance procedures (located in Chapter 7 of this Plan) are established to monitor progress, including the regular evaluation and enhancement of the Plan. The maintenance procedures ensure that the Plan remains a flexible tool to assist localities in the NSV region benefit from the following: saving lives and property; saving money; enhancing response time for recovery following disasters; reducing future vulnerability through planning; improving eligibility and facilitating the receipt of pre-disaster and post-disaster grant funding to localities; and demonstrating a firm commitment to community safety and health by reducing and mitigating adverse effects associated with natural disasters.

Hazards were identified and ranked according to discussions during meetings and in an on-line survey issued to localities. The on-line survey was also available during the public meetings and open house events held August 16, 2012. Outcomes of the hazard evaluations included acknowledgement of the

importance of winter ice storms as well as flooding as key natural hazards. Flooding was ranked as the number one natural hazard in terms of likelihood of highest damage.

Survey Results:

The hazards in the planning region were ranked from greatest threat (1) to least (10). Threat was defined as frequency or damage potential or both. Participants were invited to rank the top 10 hazards, but to add more, if interested.

Community Hazard Rankings		
Hazard	Type	2012 Hazard Ranking in order of 1 (most significant) to 10 (least significant)
Flooding	Riverine	High 1
Winter Storm/ Ice / Extreme Cold	Including winter storms, ice storms, and excessive cold	High 2 (tie ranking)
High Wind/ Hurricane	Hurricane	High 2 (tie ranking)
Tornado	Tornado	High 3
Lightning	Storm	Moderate 4
Thunderstorm		Moderate 5
Pipelines	Pipelines	6
Mass Evacuation from Northern Virginia	Mass Evacuation from Northern Virginia	6
Hazardous materials Spills	Hazardous materials Spills	Moderate – all Human Caused 6
Wildfire	Wildfire	Moderate 7
Dam Failure Due to Flooding / Low bridges	Dam Safety	Moderate 8
Extreme Heat	Heat	Low 10 (tie ranking)
Drought	Heat	Low 10 (tie ranking)
Earthquake	Earthquake	Low 11
Landslide/Steep Slope	Landslide/Steep Slope	Low 12

Hail	Hail as part of Storm	Low 13 (tie ranking)
Erosion	Landslide/Steep Slope	Low 13 (tie ranking)
Land Subsidence / Karst	Karst	Low 14

This Plan update lists actions, including mitigation strategies, for local governments to achieve the goal of reducing impacts to life and property from natural disasters. The mitigation strategies listed in this Plan were identified through a process of breakout locality meetings based on a review of the strategies in the 2007 Plan and a determination of relevancy and status.

Final Draft Review

A draft of the plan was distributed to committee members in mid-July and to localities in early August of 2012. Following public input the Plan was submitted to the VDEM in September 2012. Upon approval, VDEM will forward the Plan to FEMA Region III office for review and approval. These groups provided review and comment and necessary changes were made to the final draft of the plan.

This plan was prepared in accordance with the collaborative process outlined in Section 322 of the Stafford Act to facilitate cooperation between state and local authorities. The identification of, and planning for, disaster response will reduce impacts from natural hazards and result in timely allocation of funds to reduce risks.

The planning process took place with several groups; a larger planning group and a smaller steering committee. The steering committee met monthly to oversee the development and update of the Plan. In addition, a series of meetings with the localities occurred among the Counties' and Towns' staff representatives, or designees, to identify hazard mitigation strategies at the locality level. NSVRC staff met with the County-Town teams to document strategies. Members of VDEM have been instrumental throughout the planning process. The Plan was updated with the assistance of the Northern Shenandoah Valley Regional Commission staff.

Larger Planning Group* (in alphabetical order of last name)

Town Managers or designee

David Ash, Clarke County, Emergency Management Coordinator

Jeff Boyer, VDOT

Bryan Chrisman, Town of Luray, Assistant Town Manager

Angela Clem, Town of Woodstock

Brandon Davis, Shenandoah County, Director, Community Development

Christy Dunkle, Town of Berryville, Assistant Town Manager

Amy Howard, VDEM

Scott Hudson, VDEM, Region 2

Jill Keihn, NSVRC

Chester Lauck, Frederick County, Deputy Emergency Management Coordinator

Eric Lawrence, Frederick County, Director of Planning

Joe Lehnen, VDOF

Taryn Logan, Warren County, Director of Planning

Lynn Miller, City of Winchester, Emergency Management Coordinator

Charles Moore, Town Manager, Mount Jackson

Terry Pettit, Town of Stanley, Town Manager

Joan Roche, Chair Middletown Town Manager through June 30, 2012, Citizen Rep July-present

Martha Shickle, NSVRC, Executive director

Wes Shifflett, Page County Emergency Management Coordinator

Doug Shrier, Lord Fairfax Community College

David Spears, VA DMME

Alison Teetor / Brandon Stidham, Clarke County Planning

Jennifer Welcher, DEQ

Gary Yew, Shenandoah County, Emergency Management Coordinator

Tim Youmans, City of Winchester, Director of Planning

Note* The Larger Planning Group was apprised of meetings; however, the majority of meetings was staffed by the Hazard Mitigation Steering Committee (listed below).

Hazard Mitigation Steering Committee Members (in alphabetical order):

Christy Dunkle, Town of Berryville, Assistant Town Manager

Scott Hudson, VDEM

Amy Howard, VDEM

Jill Keihn, NSVRC

Chester Lauck, Frederick County, Deputy Emergency Management Coordinator

Taryn Logan, Warren County, Director of Planning

Lynn Miller, City of Winchester, Emergency Management Coordinator

Joan Roche, Chair, Middletown Town Manager through June 30, 2012, Citizen Representative

Terry Pettit, Town of Stanley, Town Manager

Wes Shifflett, Page County Emergency Management Coordinator

David Spears, VA DMME

The public was invited to participate at several points in the planning process through local media coverage as well as during regional public meetings. Media releases were issued in April 2012, June 2012, and July 2012 to describe the Plan update. A public outreach event was held in August 2012 to encourage interested citizens to participate and comment on the Plan update. The public meetings were advertised in local newspapers, on television, and through a radio public service announcement. An electronic copy of the Draft Hazard Mitigation Plan update was made

available for public review and input through posting on the NSVRC website at www.NSVregion.org.

Locality adoption of this Plan update and approval from FEMA is required for localities to remain eligible for FEMA funding of Hazard Mitigation Assistance (HMA) Programs. The HMA programs provide funding opportunities to reduce the risk to individuals and property from natural hazards. Local governments are encouraged to apply for these HMA programs in both pre- and post-disaster timeframes. This Plan provides a prioritization of strategies for localities to consider for future funding opportunities that will lessen adverse impacts from natural (and human-induced) disasters. The HMA programs facilitate the reduction or elimination of potential losses through hazard mitigation planning and project grant funding. Each HMA program, authorized by separate legislative action, has a different scope but all have a common goal of reducing the risk of loss of life and property due to natural hazards.

Potential Future Funding of Strategies in this Plan:

- Hazard Mitigation Grant Program (HMGP)
- Pre-Disaster Mitigation Program (PDM)
- Flood Mitigation Assistance Program (FMA)
- Repetitive Flood Claims Program (RFC)
- Severe Repetitive Loss Program (SRL)

If a grant is awarded by FEMA (often administered through VDEM), then the locality or NSVRC (on behalf of a locality) is a “sub-grantee” and is responsible for managing the sub-grant and complying with program requirements and other applicable Federal, State, and local regulations. The steering committee requested these funding opportunities be clearly presented in this Plan as well as on the NSVRC website. To meet these requests, the following is a list of funding programs.

- Overall Funding descriptions: The HMA Unified Guidance can be found on FEMA’s website at: <http://www.fema.gov> and at NSVRC website www.NSVregion.org
- Hazard Mitigation Grant Program: Localities with an adopted hazard mitigation plan (approved by FEMA) are eligible to qualify for post-disaster mitigation funds.
- Pre-Disaster Mitigation Grant Program: Localities with an adopted hazard mitigation plan (approved by FEMA) are eligible to qualify for pre-disaster mitigation funds, local jurisdictions must adopt a mitigation Plan that is approved by FEMA.
- Flood Mitigation Assistance Program: Localities with an adopted, FEMA-approved mitigation plan are eligible to qualify for funds to implement projects including acquisition or elevation of flood-prone structures. The plan must be prepared following the process outlined in the National Flood Insurance Program’s (NFIP) Community Rating System.
- FEMA/NFIP Repetitive Flood Claim (RFC) Program: The RFC program, authorized by the Flood Insurance Reform Act of 2004, assists communities to reduce flood damages to

properties that have at least one NFIP claim payment. Funding includes acquisition, elevation, and flood-proofing of residential structures.

- FEMA/NFIP Severe Repetitive Loss Program: The SRL program funds projects that reduce or eliminate the long-term risk of flood damage to residential structures under the NFIP which have suffered repetitive losses. SRL properties have at least four NFIP claim payments (over \$5,000 with at least two of the claims within a ten-year time period). Like RFC, SRL funds projects for residential properties and can include acquisition, elevation, and dry flood-proofing of residential structures. Eligible residential properties residential structures must have at least two separate claim payments made within a ten-year period with the cumulative amount of the building portion of the claims that exceed the total property value.

Plan Adoption

Following approval from FEMA, each participating jurisdiction will consider adoption of this Plan update. The resolutions for adoption will be presented as part of each City and Town Council and County Board of Supervisor meeting agendas during regularly scheduled meetings. These meetings are publicly advertised by law and will provide the public an additional opportunity to comment on this Plan update. The Steering Committee and or NSVRC staff is scheduled to present a summary of the Plan to each local elected body prior to their consideration of adoption.

The 2007 NSV Regional Hazard Mitigation Plan served as a springboard for the planning team and steering committee to determine a process to update this Plan. The steering committee discussed the organization of the Plan and reviewed strategies considered. There was consensus to include the regional information with locality-specific strategies presented separately for the City of Winchester and for each County with Towns as subsets to the County strategies. The committee meetings provided data review, evaluated data, ranked hazards, evaluated capacity to respond to disasters, identified / reviewed regional and local strategies, noted areas for improved regional emergency response coordination, articulated general training desires, and guided the outreach efforts (development of a regional website and a series of media advisories) for locality and public education to raise awareness of hazard mitigation and the Plan update. The need for training and workshops was identified for future planning efforts. Overall, the emergency response coordinators in the NSV region have cultivated excellent communication and cooperation in efforts to respond to disasters. This Plan update was designed to identify opportunities to encourage continued coordinated regional response to disasters and facilitate funding for projects and needs for the localities to reduce adverse impacts from natural disasters.

The NSV Regional Hazard Mitigation Plan includes the City, five Counties, and fourteen incorporated Towns. To satisfy multi-jurisdictional participation requirements, the City, Counties and local Towns were invited to participate in mitigation planning meetings, respond to Capability Assessment inquiries, rank hazards, review, evaluate and prioritize strategies and

mitigation projects including County or Town-level goals and mitigation actions, and consider adoption of this Plan. Each locality participated at a level commensurate with staff capacities and each participating jurisdiction will consider adoption of this Regional Hazard Mitigation separately. The localities will commit to the plan maintenance procedures outlined in this Plan and will monitor and update their strategies on a regular basis. Annual updates of this Plan will occur at the end of each calendar year, beginning a year after the Plan is adopted or December 2013.

The following table summarizes jurisdictional participation throughout the planning process.

Northern Shenandoah Valley Regional Hazard Mitigation Plan Update submitted for FEMA Approval 9-2012

Locality Participation in Development of Hazard Mitigation Plan Update											
Locality	Contact for Plan Review and Participation	Steering Committee	Additional Contacts	Hazard ranking invited to participate/ comments rec'd	Critical Facilities (invited to add data/ comments received)	HIRA Invited to participate/participated	Mitigation Strategies	Plan Review	Website Review	Meeting Announcements Received	Board/ Council Scheduled
Winchester City	Lynn Miller	X	Planning Dept	X/X	X/X	X/X	X/X	X	X	X	X
Clarke County	Brandon Stidham	x		X/X	X/X	X	X/X	X	X	X	X
Town of Berryville	Christy Dunkle	X		X/X	X	X	X/X	X	X	X	X
Town of Boyce	Town Clerk, Mayor Roberts			X	X	X	X	X	X	X	X
Frederick County	Chester Lauck	X	Planning Dept	X/X	X/X	X/X	X/X	X	X	X	X
Town of Middletown	Joan Roche (thru 6-12)	X	Planning Dept	X/X	X/X	X/X	X/X	X	X	X	X
Town of Stephens City	Mike Kehoe			X	X	X	X	X	X	X	X
Page County	Wes Shifflett	X	Page Campbell, Fire & Rescue	X/X	X/X	X/X	X/X	X	X	X	X
Town of Luray	Bryan Chrisman	X		X/X	X/X	X/X	X/X	X	X	X	X
Town of Shenandoah	Larry Dovel		Fire & Rescue, Police	X/X	X/X	X	X/X	X	X	X	X
Town of Stanley	Terry Pettit			X/X	X/X	X	X/X	X	X	X	X
Shenandoah County	Gary Yew	X	Planning Dept	X/X	X/X	X/X	X/X	X	X	X	X
Town of Edinburg	Dan Harshman	Rep thru County		X	X	X	X	X	X	X	X
Town of Mt Jackson	Clark Draper	Rep thru County		X	X	X	X	X	X	X	X
Town of New Market	Evan Vass	Rep thru County		X	X	X	X	X	X	X	X
Town of Strasburg	Jud Rex	Rep thru County		X/X	X/X	X	X/X	X	X	X	X
Town of Toms Brook	Phil Fauber, mayor	Rep thru County		X	X	X	X	X	X	X	X
Town of Woodstock	Angela Clem	Rep thru County	Larry Bradford, Town Manager	X/X	X	X	X	X	X	X	X
Warren County	Taryn Logan	X	Fire & Rescue, Police	X/X	X/X	X/X	X/X	X	X	X	X
Town of Front Royal	Steve Burke, Town Manager	Rep thru County	Planning Dept	X	X	X	X/X	X	X	X	X

Chapter 3: Regional Setting

The localities in the Northern Shenandoah Valley (NSV) are described in this chapter in order to facilitate a better understanding of the natural and manmade settings that could be impacted in a disaster.

Description of the Manmade Environment of the Northern Shenandoah Valley

The area served by the NSVRC is located in the northern tip of Virginia, west of the Washington, DC, metropolitan area. The NSV planning region includes the City of Winchester; the five Counties of Clarke, Frederick, Page, Shenandoah, and Warren; and the 14 Towns which are listed below based on the County in which they lie.

Clarke County: Town of Berryville and Town of Boyce,

Frederick County: Town of Middletown and Town of Stephens City

Page County: Town of Luray, Town of Shenandoah, and Town of Stanley

Shenandoah County: Town of Edinburg, Town of Mount Jackson, Town of New Market, Town of Strasburg, Town of Toms Brook, and Town of Woodstock

Warren County: Town of Front Royal

The population for the planning region over the 20-year planning horizon to 2032 was presented in the regional Water Supply Plan, adopted by all 20 jurisdictions between June-October 2011.

The NSV planning area lies about 70 miles west of Washington DC, with Clarke and Frederick Counties located on the northwest and northeast. The independent City of Winchester is surrounded by Frederick County. Warren County and Page County are located in the southeast of the planning region and Shenandoah County is located in the southwest. The total area of the planning region covers over one million acres.

Table 3.1 and Figure 3-1 illustrate the land area of each of the communities in the region as well as the populations in the communities and number of households. This information is a key component in determining the risk to communities from natural hazards. In addition, Table 3.2 provides housing data to further describe the communities in the region.

Table 3.1 Northern Shenandoah Valley Region Population (US Census Bureau; 2011 Regional Water Supply Plan)						
Locality	Area (Sq Mile)	1990 Pop	2000 Pop	2010 Pop	2000 Pop per Sq Mile	2010 Pop per Sq Mile
Clarke County	178.07	12,101	12,652	14,034	71	79
<i>Town of Berryville</i>	1.35	3,097	2,963	4,185	2,195	3,100
<i>Town of Boyce</i>	0.34	520	426	589	1,253	1,732
Frederick County	415.78	45,723	59,209	78,305	142	188
<i>Town of Middletown</i>	0.6	1,061	1,015	1,261	1,692	2,102
<i>Town of Stephens City</i>	1.44	1,186	1,146	1,825	796	1,267
Page County	314.09	21,690	23,177	24,042	74	77
<i>Town of Luray</i>	4.86	4,587	4,871	4,974	1,002	1,023
<i>Town of Stanley</i>	1.19	1,186	1,326	2,161	1,114	1,816
<i>Town of Shenandoah</i>	1.38	2,213	1,878	1,532	1,361	1,110
Shenandoah County	512.53	31,636	35,075	41,993	68	82
<i>Town of Edinburg</i>	0.7	860	813	1,050	1,161	1,500
<i>Town of Mount Jackson</i>	1.22	1,583	1,664	2,368	1,364	1,941
<i>Town of New Market</i>	1.51	1,435	1,637	2,570	1,084	1,702
<i>Town of Strasburg</i>	2.01	3,762	4,017	7,660	1,999	125
<i>Town of Toms Brook</i>	2.01	3,762	4,017	252	1,999	125
<i>Town of Woodstock</i>	2.74	3,182	3,952	6,097	1,442	2,796
Warren County	216.31	26,142	31,584	37,439	146	174
<i>Town of Front Royal</i>	9.05	11,880	13,589	14,440	1,502	1,596
City of Winchester	9.2	21,947	23,585	26,203	2,525	2,805

The population located within the localities is broken down as housing stock in the profile below. The quantity and type of building units located within each jurisdiction is an important consideration in the vulnerability analysis.

3.2: Profile of Housing Units							
Locality	# Housing Units	Median Value Owner Occupied	# Home Owner Units	# rental units	Avg Household Size Owner/Rental	Vacancy Rate Owner / renter (Town - Avg Vacancy rate)	Vacant Housing Units
Clarke County	6,185	\$366,900 (5-yr est)	4,195	1,353	2.52 / 2.42	2.28 / 9.3	650
Berryville	1,920	\$324,300		606		2.06	151
Boyce	252	\$258,100		53		2.66	36
Frederick County	30,472	\$240,900 (1-yr est)	22,495	6,063	2.53 / 2.63	1.9 / 5.7	1,914
Middletown	501	\$190,200		202		2.41	48
Stephens City	799	\$204,200		340		2.46	92
Page County	11,500	\$177,400	7,282	2,347	2.53 / 2.32	2.10 / 3.0	1,854
Luray Town	2,503	\$178,100		760		2.23	215
Shenandoah Town	1,091	\$143,300		272		2.51	108
Stanley Town	818	\$160,100		284		2.40	74
Shenandoah County	20,416	\$213,900	12,039	5,277	2.44 / 2.28	2.8 / 6.5	3,100
Edinburg	595	\$202,700		208		2.35	82
Mt Jackson	814	\$161,900		289		2.93	102
New Market	1,047	\$181,400		454		2.20	141
Strasburg	2,988	\$207,100		1,167		2.41	253
Toms Brook	106	\$175,000		30		3.07	16
Woodstock	2,696	\$228,900		941		2.40	322
Warren County	15,722	\$250,700	10,591	3,569	2.61 / 2.5	1.6 / 6.2	1,595
Front Royal	6,465	\$227,700		2,288		2.52	623
Winchester City	11,792	\$256,700	5,173	5,048	2.56 / 2.29	2.25 / 6.2	1,571
Source: 2010 U.S. Census Bureau: American Fact Finder, Towns: 2000 Census; Counties and City: 3-yr Survey 2010 Census							

Similar data as above presented is provided below in an altered format to facilitate emergency responders to consider the profile of a community and best gauge response in a disaster. As presented in Table 3.2, above, the housing density is based on Census data for 2010 populations of the Counties and City.

Locality	Housing Data					Household Size		Vacancy Rate	
	Total Housing Units	Mobile Homes	# Vacant Units	# Home-Owner Units	# Rental Units	Avg HH Size for Home Owner Unit	Avg. HH size for Rental Unit	Home Owner Vacancy Rate	Rental Vacancy Rate
Clarke County	6,185	19	650	4,195	1,340	2.52	2.42	2.00	9.30
Frederick County	30,472	2,652	1,914	22,495	6,063	2.63	2.53	1.90	5.70
Page County	11,500	1,407	1,871	7,282	2,347	2.53	2.32	2.10	3.00
Shenandoah County	20,416	785	3,100	12,039	5,277	2.44	2.28	2.80	6.50
Warren County	15,755	461	1,595	10,591	3,569	2.61	2.50	1.60	6.20
Winchester	11,792	104	1,571	5,173	5,048	2.56	2.29	2.5	13.4
NSVRC County /City Total	96,120	5,428	10,701	61,775	23,644				



Figure 3.1 Northern Shenandoah Valley

The table below provides a list of structure values for each community gathered from Commissioner of Revenues based on structural improvements for exempted and non-exempted real estate in the January 1, 2012 tax book. Assessed Structure Value includes all property (Commercial, residential, institutional and excludes land value). This table should be reviewed and updated annually by the steering committee to reflect the most updated improvement values.

Locality (Counties exclude Town data)	Taxable Structures	Nontaxable Structures	Total Property Values (Based on Jan. 1 2012 Tax Book in Commissioner of Revenue of locality)
Winchester City	\$1,688,187,500	\$631,410,100	\$2,319,597,600
Clarke County	\$100,433,600	\$1,334,321	\$101,767,921
Town of Berryville			\$321,625,500
Town of Boyce			\$43,555,800
Frederick County	\$4,818,580,400	\$682,128,000	\$5,500,708,400
Town of Middletown			\$47,206,900
Town of Stephens City			\$82,404,900
Page County	\$876,062,945	\$114,710,700	\$990,773,645
Town of Luray	\$336,678,500	\$49,750,100	\$386,428,600
Town of Shenandoah	\$120,398,300	\$13,189,700	\$133,588,000
Town of Stanley	\$73,582,400	\$16,162,100	\$89,744,500
Shenandoah County	\$1,667,765,100	\$131,746,400	\$1,799,511,500
Town of Edinburg	\$59,902,800	\$10,060,200	\$69,963,000
Town of Mt Jackson	\$104,433,100	\$17,364,500	\$121,797,600
Town of New Market	\$115,013,000	\$14,243,700	\$129,256,700
Town of Strasburg	\$361,050,700	\$33,889,400	\$394,940,100
Town of Toms Brook	\$9,105,400	\$1,879,000	\$10,984,400
Town of Woodstock	\$350,570,600	\$99,347,000	\$449,917,600
Warren County	\$1,765,325,200	\$388,091,600	\$2,153,416,800
Town of Front Royal	\$786,114,700	\$255,284,700	\$1,041,399,400
TOTAL in NSV region			2,460,591,521

Clarke County - County is located on the north eastern portion of the region and has a total area that covers 178 square miles including two square miles of water. The County seat is in the Town of Berryville.

Frederick County –Frederick County is the northern most point in Commonwealth of Virginia. Frederick County lies in the most north western portion of Virginia. It is included in the Winchester, Virginia-West Virginia Metropolitan Statistical Area and covers 416 square miles with one acre of water. Its County seat is Winchester.

Page County - Page County is located in the eastern portion of the planning region. Its County seat is Luray. The County has a total area of 314 square miles of which three square miles are water.

Shenandoah County – The County seat is the Town of Woodstock. The County has a total area of 513 square miles. The Fort Valley and western slopes of the Massanutten Mountain are located within the County.

Warren County – The County seat is in the Town of Front Royal and is considered to be a distant part of the Washington Metropolitan Area. The County has a total area of 216 square miles of which three square miles are water.

Winchester City – Winchester is surrounded by Frederick County. It is included in the Winchester, Virginia – West Virginia Metropolitan Statistical Area. The City covers 9.2 square miles.

Populations at Risk

The eight factors to identify populations at risk included:

1. Socio-economic status;
2. Wealth;
3. Elderly populations;
4. Female heads of Large Households in densely populated areas;
5. Rural areas;
6. Non-English proficient populations (English as a second language populations, etc.);
7. Female labor force; and
8. Households living in Manufactured Housing.

A challenge in emergency management and in all government support services is to include the immigrant population in the NSV region since these residents are not fully captured by traditional Census or this vulnerability analysis. English as the secondary language is a large portion of

much of the Valley, especially for migrant workers in the poultry processing plants and orchard pickers. Special needs populations were not included in this update of the regional Plan but will be considered in future iterations of the plan.

The factors that attract businesses and people to the area present the greatest challenges to regional Emergency Managers and cause significant hazard mitigation challenges including: growth, dense populations, over-taxed transportation routes, communication, and knowledge of how to mitigate vulnerable buildings and prepare for disasters.

Urban Concentration Areas

The City of Winchester which is surrounded by Frederick County and the 14 Towns, located within the five Counties of the region, are areas of urban concentration. Growth is estimated to continue to be concentrated in the City and Town urban areas throughout the 20-year planning period to 2032. With the exception of the Frederick County Urban Development Area, the surrounding Counties are anticipated to continue to grow at a slower pace than the urban centers, with smaller subdivisions and continuing agriculture as the predominant land use in the outlying areas. The majority of the population in the region is distributed in clusters along the major transportation routes of I-81 and I-66, and along Routes 7, 50, 522, 11, and 340. There is little change in the use of those corridors over the past 20 years and the future transportation routes will likely be the same. More trucks travel I-81 rather than the narrow state route 340 corridors. Commerce and industry is distributed among the Counties in proportion to population, with the highest concentrations in Winchester and the surrounding portions of Frederick County. More of the population resides on the western side of the Massanutten Ridge, with less population residing on the eastern portion of the planning region (east of the Massanutten Ridge).

Land Use Overview

Federal agencies located within the planning region include the following: the U.S.D.A. Forest Service's George Washington National Forest located within the Counties of Frederick, Page, Shenandoah, and Warren; the U.S. Department of Interior's National Park Service's Shenandoah National Park located within the Counties of Page and Warren; the U.S. Department of Interior's Smithsonian Research and Biology Institute facility in Warren County; and the Department of Homeland Security facilities located in Frederick, Warren, and Clarke Counties. Two state agency-owned large land holdings in the planning region include the Department of Conservation and Recreation's Andy Guest State Park in Warren County and the Department of Forestry's Devil's Backbone in Shenandoah County.

The total land area of the planning region is 1,647 square miles or 1,054,080 acres. Due to the valley's fertile soils, over half the land use in the region is agricultural, 45% is forested, and the remaining slightly less than 5% is urban. Details of the population distribution within the

planning area is presented in the community development section; however, based on 2010 Census data, approximately 272,980 people live in the Northern Shenandoah Valley as of 2010.

Transportation

The two main transportation arteries in the region include I-81, running north / south through the Shenandoah Valley and I-66 which enters the region on the east, runs west and intersects I-81 in Strasburg, 66 miles west of Washington, DC. The planning region serves as a transportation hub and provides overnight access to 60% of U.S. industrial activities; and offers direct access to Canadian markets via I-81. The Virginia Inland Port provides intermodal ocean shipping and customs clearance, offering local industry worldwide trade reaches. The region is located next to the Washington-Arlington-Alexandria Metropolitan Areas, lies approximately 35 miles west of the Dulles International Airport, and 55 miles west of Washington, D.C., at the closest points.

Other prominent roadways in the Shenandoah Valley that transverse north / south through the planning region and include State Route 340 running approximately 20 miles east of I-81, and U.S. Route 11. U.S. Route 340 connects many Town centers in Warren, Page, and Clarke Counties along the eastern part of the planning area. The historic Route 11 parallels I-81 on the western part of the Shenandoah Valley, which runs through Town centers in Shenandoah and Frederick Counties. Virginia Routes 7, 37, 42, 55, 263, and 277 all interconnect with the main roads. Historic railway lines run predominantly in north / south directions in both the western and eastern portions of the Valley. In addition, the region participates in a Commuter Ride Share program. This network of transportation connects population centers and brings a large population passing through the planning area.

Other Land Uses

There are three landfills in the planning region: Battle Creek landfill in Page County which accepts solid waste from Page and Warren Counties; Frederick County Regional Landfill (and Frederick County Construction & Demolition Debris landfill) both in Frederick County which accepts waste from the Counties of Clarke and Frederick and the City of Winchester; and the Shenandoah County Landfill.

Employment Data and Analysis

According to the Virginia Employment Commission, the top employers in the Northern Shenandoah Valley are listed below (in alphabetical order). These top employers are anticipated to continue to grow throughout the region through 2040 (per Virginia Employment Commission).

- Berryville Graphics
- Cracker Barrel Old Country Store

- Food Lion
- Frederick County
- Frederick County School Board
- George's Chicken, Inc.
- The Home Depot
- Lowes' Home Centers, Inc.
- Marshall's
- Martin's Food Market
- Page County School Board
- Postal Service
- Rubbermaid Commercial Products LLC
- Shenandoah County School Board
- Shenandoah University
- Target Corporation
- U.S. Department of Homeland Defense
- Valley Health System
- VDOT
- Wal Mart
- Warren County School Board
- Winchester City
- Winchester City Public Schools

These listed employers provide the largest percentage of employment within the Shenandoah Valley as categorized by industry with many serving in manufacturing, construction, retail trade, educational services, health care and social assistance, and accommodation and food services sectors.

Description of the Natural Environment of the Northern Shenandoah Valley

Geology and Hydrology

The Shenandoah Valley is in the northwestern part of Virginia and is part of the Great Valley within the larger Appalachian Mountain chain. The Appalachian Mountains stretch from Georgia to Maine; the Great Valley stretches from Pennsylvania to Alabama. The headwaters for the Shenandoah River are in Augusta and Rockingham Counties, south of the planning region. The Shenandoah Valley is about 160 miles long, lies in a north-south direction, and is bounded

between the Blue Ridge Mountains on the east and the Allegheny Mountains on the west. Water runoff has carved the mountains' distinctive alternating pattern of ridges and valleys. The soils include karst and non-karst features.

The planning region is located within Ridge and Valley geologic province, bounded by the Appalachian Mountains on the west and the Blue Ridge Mountains on the east. The Massanutten Mountain Range in the center divides the area into two major sub-valleys. There are four major geologic belts underlying the region: Appalachian Sandstone/Shale; the Valley Carbonates (containing mostly limestones and dolomites); Central Valley Shale; and the Blue Ridge Complex (containing granite, gneiss, and greenstone). The limestone, carbonates, and dolomite contain numerous karst features including seeps, springs, caves, caverns, and disappearing streams. Elevations vary from less than 400 feet above sea level to over 4,000 feet in the Blue Ridge Mountains. There are 20 major soil associations in the planning district. According to available local studies, approximately 55 percent of the total land area has slow permeability, shallow depth to bedrock, steep slopes, and seasonally high water table. Due to the constraints of slope, karst, and soil types, areas of generalized development are restricted to the Valley floor along the main roadways.

The Shenandoah River runs through the valley and long ago carved out the Shenandoah Valley, dissolving the limestone and carrying the sediments north to the Potomac. The North Fork, South Fork, and Main Stem of the Shenandoah River flow through the Valley northward to join the Potomac River in Harpers Ferry WV. The Shenandoah River (both North and South Forks) drains most of northwestern Virginia and has headwaters in localities south of the planning region. The South Fork of the Shenandoah River flows northward through Page County into Warren County. The North Fork of the River flows from Rockingham County north through Shenandoah County and eventually northeast to Warren County. The confluence of the North and South Forks occurs in the Town of Front Royal to form the Main Stem of the Shenandoah River which subsequently flows northward through Clarke County to drain into the Potomac River. The entire planning region lies within the Shenandoah River / Potomac watersheds that drain into the Chesapeake Bay and ultimately the Atlantic Ocean. There are over 46,991 acres of wetlands in the planning region, based on National wetland Inventory Maps (U.S. Fish & Wildlife).

The major watershed for the region is the Potomac / Shenandoah River Basin.

Meteorology

The climate of the Shenandoah Valley, particularly regarding precipitation, is strongly influenced by the surrounding mountains. When moist air flows toward Virginia from areas to the west and northwest, it encounters the high relief of the Allegheny Mountain system to the west of the Shenandoah Valley. As that air is forced to rise over the mountains (known as orographic lifting), it cools, moisture condenses out, and the bulk of the precipitation falls on the western slopes of the Alleghenies. This leaves comparatively drier air to descend into the Valley and produce less precipitation. Likewise, when moist air from the nearby Atlantic Ocean flows across Virginia from the east, it encounters the Blue Ridge Mountains to the east of the Shenandoah Valley. The same orographic lifting usually results in lower precipitation amounts in the Valley. This double “rain shadow” effect puts the Shenandoah Valley in the driest portion of Virginia and makes it one of the driest locations in the eastern United States.

Typical annual precipitation amounts for nearby stations on the east-facing slopes of the Blue Ridge Mountains run about ten inches higher than the Shenandoah Valley (around 48 inches as opposed to 38 inches). Statewide average annual precipitation is around 40-44 inches.

The general mechanisms for precipitation change throughout the course of the year. Larger-scale mid-latitude cyclones and associated frontal passages predominate the colder months and smaller-scale thunderstorm activity usually providing most of the rainfall in the warmer months. The Shenandoah Valley, along with the rest of Virginia, experiences no distinct “dry” or “wet” seasons with respect to precipitation. Nonetheless, the normally high rates of evapotranspiration in the summer months usually lead to an overall loss of moisture, while the colder months allow for the replenishment of deep soil and groundwater reserves. In addition, the varied height and orientation of the flanking mountains can create large differences in precipitation amounts at smaller scales. This is especially true during the summer months, when the primary source of rainfall in Virginia is the thunderstorm.

The predominant flow of surface winds is generally up and down the roughly 160-mile length of the Valley (northeasterly and southeasterly directional categories). Diurnal heating and cooling also gives rise to a mountain and valley breeze, which circulates air from higher surrounding elevations to the Valley floor and up again. Summer average temperatures in the Valley are in the mid-70’s (°F) and rarely reach the 100° mark, while winter temperatures average in the mid-30’s. The freeze-free growing season averages about six months, from mid-April to mid-October, though local microclimates and elevational differences can bring considerable variation.

Rainfall is drained out of the Valley through a series of tributaries and streams that flow into the Shenandoah River, flowing northward to the Potomac River. According to the state climatologist also on the State Drought Task Force (Stenger, UVA), the following data was collected from 1971 to 2000 in the Towns of Berryville, Woodstock, and Luray, as well as Frederick County weather stations to characterize the climate of the region. The average annual

precipitation in the region is 38.27 inches, the maximum average annual temperature is 65.48 degrees Fahrenheit (F) and minimum temperature average is 41.66 F. The season temperature variation ranges from annual averages for winter max/min is summarized in the chart below. While most of the Commonwealth receives an annual precipitation of 40-44 inches a year, the Shenandoah Valley receives an average of about 33-36 inches a year. The Blue Ridge Mountains on the eastern side of the Valley averaged 46-58 inches (*Climatesource.com*). Precipitation averaged more than 52 inches with a maximum area above 64 inches on the western sides and peaks of the Appalachian and Allegheny Mountains in West Virginia.

**Seasonal Regional Average Climatic Norms Regional Average
Climatic Norms (1971–2000) by Season**

	Winter	Spring	Summer	Fall	Annual
Total Precipitation (Inches)	7.80	10.03	10.74	10.01	38.58
Average Daily Max Temperature (°F)	44.5	65.0	84.8	67.6	65.5
Average Daily Minimum Temperature (°F)	23.3	40.0	60.5	42.7	41.7
Average Daily Mean Temperature (°F)	33.9	52.5	72.7	55.2	53.6

Chapter 4: Hazard Identification and Risk Assessment

Requirement §201.6(c) (2) (i): [The risk assessment shall include a description of the type of all natural hazards that can affect the jurisdiction. The plan shall include information on previous occurrences of hazard events and on the probability of future hazard events.]

The localities in the NSV are prone to many natural and manmade hazards. Virginia has experienced thousands of hazard events, resulting in millions of dollars in losses and casualties, and Presidential disaster declarations. To meet the planning requirements of the Disaster Mitigation Act of 2000, a Hazard Identification and Risk Assessment (HIRA) has been developed and included by the localities in this Hazard Mitigation Plan update. This Chapter is formatted as follows to comply with regulations:

1. Introduction to the HIRA process
2. Declared Disasters (as updated from 2007 Plan)
3. Hazard Inventory (Flood, Nonrotational Hurricane Wind, Severe Thunderstorms and Lightning, Tornados, Wildfire, Drought, Extreme Heat, Winter Storms, Ice, Erosion, Dam Failures, Earthquakes, Karst (sinkholes), and Landslides)
4. Hazard Rankings Process and Results
5. Hazard Identification Risk Analysis (HIRA)
Critical Facilities and vulnerability

Introduction to the HIRA Process

HIRA is a systematic way to identify and analyze hazards to determine their scope, impact and the vulnerability of the built environment to such hazards. The purpose of the HIRA is to:

1. Identify what hazards could affect the NSV
2. Profile hazard events and determine what areas and community assets are the most vulnerable to damage from these hazards
3. Estimate losses and prioritize the potential risks to the community

The Hazard Identification and Risk Assessment for the *Commonwealth of Virginia Emergency Operations Plan Support Annex 3 - Enhanced Hazard Mitigation Plan* (by the University of Virginia Polytechnic Institute's Center for Geospatial Information Technology [CGIT]) was reviewed to identify natural disasters likely to be experienced in the NSV and formed the baseline for this update. Each of the hazards has been evaluated for its impact on the area to facilitate the ranking and analysis in this Plan update.

FEMA guidelines emphasize using "best available data" for this plan. Data availability issues were compounded by the lack of standardization and records. Inadequate information about

local features such as critical facilities and infrastructure remain in this update and will be evaluated and revised annually during the Plan review process, as new information becomes available.

To the degree data was available, this section will cover identifying hazards, ranking of hazard events, and assessing vulnerability to the NSV, estimating potential losses by jurisdiction, assessing vulnerability of critical facilities, and estimating potential losses of such facilities. The facility vulnerability assessment and loss estimation is discussed later in this chapter.

Declared Disasters

Hazard History of Major Disasters

The 2007 Plan lists major disasters that have occurred in the planning region over the past seventy-five years, including Presidentially-declared disasters. Communities in the NSV have received 12 Presidential Disaster Declarations since 1972. Additional major disasters declared since the 2007 Plan include the following. When no community-specific description is available, the general description represents the entire planning area.

Presidential Disasters declared in Virginia since the 2007 Plan:

Source: <http://www.fema.gov/disasters>

Virginia Severe Storms and Straight-line Winds event June 29, 2012 to July 1, 2012;
Major Disaster Declaration declared on July 27, 2012 (DR-4072).

Tropical Storm Lee event September 8, 2011 to September 9, 2011;
Major Disaster Declaration declared on November 17, 2011 (DR-4045).

Virginia Earthquake event August 23, 2011 to October 25, 2011;
Major Disaster Declaration declared on November 4, 2011 (DR-4042).

Virginia Hurricane Irene event August 26, 2011 to September 4, 2011;
Emergency Declaration declared on August 26, 2011 (EM-3329).

Virginia Coffman Fire event February 19, 2011;
Fire Management Assistance Declaration declared on February 20, 2011 (FM-2861).

Virginia Smith Fire event February 19, 2011;
Fire Management Assistance Declaration declared on February 20, 2011 (FM-2860).

Virginia Severe Winter Storms and Snowstorms event February 5, 2010 to February 11, 2010;
Major Disaster Declaration declared on April 27, 2010 (DR-1905).

Virginia Severe Winter Storm and Snowstorm event December 18, 2009 to December 20, 2009;
Major Disaster Declaration declared on February 16, 2010 (DR-1874).

Virginia Severe Storms and Flooding Associated with Tropical Depression Ida and a Nor'easter
event November 11, 2009 to November 16, 2009;
Major Disaster Declaration declared on December 9, 2009 (DR-1862).

Virginia Severe Storms and Flooding, Including Severe Storms and Flooding Associated with
Tropical Depression Ernesto event August 29, 2006 to September 7, 2006;
Major Disaster Declaration declared on September 22, 2006 (DR-1661).

Hazard Inventory

This section provides a description of the natural hazards that threaten the planning region. Throughout the United States, communities are vulnerable to a variety of natural hazards that threaten life and property. This Plan identifies and discusses the following Natural Hazards:

- Flood
- Hurricanes and Coastal Storms
- Severe Thunderstorms
- Tornadoes
- Wildfire
- Drought /Extreme Heat
- Winter Storms
- Ice
- Hail
- Erosion
- Dam Failure
- Earthquakes
- Karst (Sinkholes)
- Landslides

Some hazards are interrelated while others are unique distinct events. For example, hurricanes are often associated with flooding; severe thunderstorms can include lightning, flooding, and landslides, and hail occurs during thunderstorms, winter storms, and tornadoes. For the purposes of this Plan, man-made hazards such as dispersal of chemical or biological agents are not included in this discussion. The steering committee requested hail be included with other events.

In accordance with FEMA guidance for hazard mitigation planning, this Chapter addresses the hazards in the following sections:

- Hazard Extent - a broad characterization describing the extent in terms of strength, duration and or magnitude. General types of impacts are presented in this section.
- Community ranking of Hazards – numeric and qualitative ranking of hazards in the NSV region by the steering committee, localities, and the public.
- Location of Hazards – the geographic areas affected by natural hazards.
- Impacts from Hazards – a description of the types of effects on the community, population, structures, and future losses, as data is available and as guided by the steering committee.
- Probability of Occurrence – an evaluation using historic occurrences, committee experience, and the best available information to determine the likelihood of future occurrences (statistical data and qualitative rankings by the committee as low, medium, or high).

Unless otherwise specified, the hazards, location, extent, and future probability remain the same throughout the planning region.

Floods

Flooding is the most frequent and costly natural hazard in the United States. Nationally, about 150 people are killed in floods each year. Nearly ninety percent of Presidential Disaster declarations result from natural events in which flooding is a major component. Historically, Virginia's most significant floods have been associated with hurricanes and tropical storms. Usually the result of excessive precipitation, floods may be classified as general floods, characterized by prolonged precipitation over a specific watershed, or flash floods, the product of heavy, localized precipitation of short duration. Watersheds for the region are presented in the previous Chapter 3, on Figure 3.2. For the most part, the severity of a flooding event is determined by a combination of the topography of the region, the type and duration of the precipitation event, percent slope, soil type, existing soil moisture, and the extent and type of vegetative cover. According to the Society for Wetland Scientists, vegetation and wetlands in particular are known for abating the severity of a flood event absorbing a wall of water and like a sponge, slowly releasing the water downstream several days or weeks after a flooding event.

Flooding is also likely within wetland areas due to high groundwater tables to the surface. The acres of wetlands are presented below for each County within the region. The wetland types are palustrine freshwater habitats. These were mapped using GIS layers of a National Wetland Inventory available from the U.S. Fish & Wildlife Service as listed below for each locality. Page County has the highest percentage of land in wetlands, with over 11% of the total land area in

wetlands. Over 7% of the total land in Warren County is wetlands and more than 3.5% of Clarke County’s total land is in wetlands. In Shenandoah County just over 2.6% of the land area is wetland. Less than one percent of the land area in both Frederick County and the City of Winchester is wetlands.

Locality	Locality Size (Sq Mi)	Locality Size (Ac)	Wetland Acreage (Estimated from NWI maps)
Clarke County	178	113,920	4,086
Frederick County	416	266,240	1,914
Page County	314	200,960	22,550
Shenandoah County	513	328,320	8,693
Warren County	216	138,240	9,736
Winchester City	9	5,952	12

In Virginia, usually floods extend from several days of steady rainfall and can include river, flash, and coastal floods. River floods and flash floods are the most significant and most likely to occur in the NSV region. Excessive rain and surface water runoff in large quantities result in river flooding. Often flash flooding is initiated with a series of several small storms, or a large event that causes streams to swell due to excessive precipitation and runoff within watersheds (see watershed in Figure 4-1, below). The intense rainfall event exceeds surface absorption capacity and streams spillover their bankfull depth. Flash floods are often associated with slow moving thunderstorms, hurricanes, and tropical storms. The immediate release of water can also occur from an ice jam moved or a breach in a dam or levee. During a flash flood, mountain headwaters and downstream waterways quickly exceed their bankfull depth. This is further exacerbated in urban areas where there are more impervious surfaces resulting in immediate runoff diverted to adjacent waterways. Pervious grounds provide a higher degree of precipitation infiltration. Rapidly moving water from floods can result in damage to buildings, bridges, and roads. Coastal floods are usually caused by storm surges, waves created by strong winds, and heavy rains associated with hurricanes, tropical storms, nor’easters and other large storm systems.

Nationally the unadjusted damage from floods is reported by McGraw Hill Construction Engineering News Record in calculations of Construction Cost Indices (CCIs). The CCIs for losses from flooding due to Hurricane Katrina have not been fully realized but exceed \$42 billion. Other national flood losses for the time between 1985 through 2010 range from \$750 million to \$16 billion annually (with the exception of Hurricane Katrina).

Nonrotational Wind Hurricanes and Nor’Easters

The rotational movement of winds (counterclockwise north of the Equator) around a center of low pressure are often manifested as hurricanes, tropical storms, and nor’easters. These cyclonic events often precede a series of other events (flooding and severe thunderstorms). Tropical cyclones form over tropical waters and carry heat and heavy moisture with high damaging winds, heavy precipitation, and often, tornados. The heavy wind forces create wind-driven waves, storm surges, and tidal flooding along coastal areas and inland. The full impacts of coastal flooding were not detailed in this Plan update. Many hurricanes and tropical storms form over the Atlantic Ocean and warm waters of the Gulf of Mexico or the Caribbean waters between June through November, and travel north, northeast often making landfall in Virginia. An average of six storms a year reach hurricane status, and one a year (on the average) reaches Virginia, according to the National Weather Service.

As a hurricane is forming, barometric pressure in its center drops while winds outside the center increase. If winds reach or exceed 39 miles per hour (mph) the systems is designated a tropical storm, assigned an alpha-name, and tracked by the NOAA National Hurricane Center in Florida. If the winds are sustained at or above 74 mph, the storm is upgraded in severity to a hurricane and classed by categories according to the Saffir-Simpson Hurricane Wind Scale at the National Hurricane Center. Hurricanes can be categorized as 1 (least severe) to 5 (most damaging intensity) as listed below. Hurricanes are often precursors to flooding from all the heavy rainfalls that occur for days before, during, and after the event has travelled north.

Saffir-Simpson Hurricane Damage Scale			
Hurricane Category	Sustained Winds (mph)	Damage Potential	Description
1	74 - 95	Minimal	Minimal damage to unanchored mobile homes along with shrubbery and trees. There may be pier damage and coastal road flooding, with storm surge 4-5 feet about average.
2	96 - 110	Moderate	Moderate damage potential to mobile homes and piers, as well as significant damage to shrubbery and tress with some damages to roofs, doors and windows. Impacts include flooding 2-4 hours before arrival of the hurricane in coastal and low lying areas. Storm surge can be 6-8 feet above average.
3	111 - 130	Extensive	Extensive damage potential. There will be structural damage to small residences and utility buildings. Extensive damage is to mobile homes and trees and shrubbery. Impacts include flooding 3-5 hours before the arrival of the hurricane cutting off the low lying escape routes. Coastal flooding has the potential to destroy the small structures, with significant damage to larger structures as a result of the floating debris. Land that is lower than 5 feet below mean sea level can be flooded 8 or more miles inland. Storm surge can be 6-12 feet above average.

Saffir-Simpson Hurricane Damage Scale			
Hurricane Category	Sustained Winds (mph)	Damage Potential	Description
4	131 - 155	Extreme	Extreme damage potential. Curtain wall failure as well as roof structure failure. Major damage to lower floors near the shoreline. Storm surge generally reaches 13-18 feet above average.
5	> 155	Catastrophic	Severe damage potential. Complete roof failure on residence and industrial structures, with complete destruction of mobile homes. All shrubs, trees and utility lines blown down. Storm surge is generally greater than 18 feet above average.

Nor'easters are cyclonic winter storms that develop when two air pressure systems interact over the Atlantic Ocean; with a counterclockwise rotating air pressure system combining with a high pressure clockwise air system that results in intense moisture from the northeast. Damages associated with nor'easters include erosion, ice and heavy snow. Nor'easters typically occur between November through April.

Climate Change Impacts

The area has a moderate climate. Average temperatures are approximately 50 degrees, and range from January lows in the mid-20s to July highs in the high-80s. Annual rainfall averages above 40 inches and is supplemented with approximately 14 inches of snow. Climate change is future threat that could exacerbate and magnify existing hazards. Extreme weather events have become more frequent over the past 40 to 50 years and this trend is projected to continue. Rising sea levels, coupled with potentially higher hurricane wind speeds, rainfall intensity, flooding streams, and (coastal) storm surges are expected to have a significant impact on communities, more directly to coastal communities and secondary impacts are anticipated to affect the NSV. More intense heat waves may mean more heat-related illnesses, droughts, and wildfires. As climate science evolves and improves, future updates to this Plan might consider including climate change as a parameter in the ranking or scoring of natural hazards as recommended by the steering committee.

Severe Thunderstorms, Lightning, Hail

According to the National Weather Service (NWS), more than 100,000 thunderstorms occur each year; however, only about 10 percent are classified as severe. Although thunderstorms generally affect only a small area, the extent of their impact is often enhanced by their ability to generate tornados, hailstorms, strong winds, damaging lightning, and flash floods. Thunderstorms occur in all regions of the United States and are very common in the NSV region. Thunderstorms form when moist, unstable air is lifted vertically into the atmosphere and the rising air cools, condenses, and forms thunder clouds cumulus and cumulonimbus clouds. Thunderstorms may

occur singly, in lines, or in clusters and may move through an area very quickly or linger in place for several hours. Lightning is the discharge of electrical energy resulting from the buildup of positive and negative charges within a thunderstorm. The lightning flash occurs within the clouds or between the clouds and the ground. A bolt of lightning can reach temperatures approaching 50,000 degrees Fahrenheit. Lightning rapidly heats the sky as it flashes but the surrounding air cools following the bolt. This rapid heating and cooling of the surrounding air causes thunder. On average, 89 people are killed each year by lightning strikes in the United States and according to National Severe Storms Laboratory, under NOAA, in Virginia most lightning strikes occur under trees and second in open spaces. Lightning often results in power outages across wide areas. Hail can be associated with severe thunderstorms, tornados, and winter storms. Hail can cause damage to roofs and flat metal surfaces such as cars. Hail is often experienced for a short duration, however its impacts can be destructive. As noted on the National Weather Service NOAA-NWS-NCEP Storm Prediction Center website, derecho winds are the product of what meteorologists call downbursts. A downburst is a concentrated area of strong wind produced by a convective downdraft. A typical derecho consists of numerous downburst clusters ("families of downburst clusters") that are, in turn, comprised of many smaller downbursts, microbursts, and burst swaths.

Tornados

Tornados are windstorms characterized by funnel clouds extending to the ground from the clouds. Tornados can be spawned by hurricanes and other intense low pressure systems. Wind speeds range from 40 to 300 miles per hour. Damage from high winds, flying debris, lightning and hail is often extreme. Often hail accompanies tornados and can cause damage in addition to the gusting winds. On average, there are about 1,200 tornados with 80 storm-related deaths and 1,500 injuries reported across the United States annually. Tornado season runs from late winter to mid-summer, primarily in the southeast. Tornado wind speeds vary and surface impact from a brief touch down to a more severe extended surface contact. The Fujita Scale, as modified in 2007 by findings in the Building Assessment Report, Midwest Tornados of May 3, 1999, uses damage caused by a tornado and relates the damage to the fastest 1/4-mile wind at the height of a damaged structure (NWS, 2012 website). The modified Enhanced Fujita scale (EF scale) is based on damage from 28 indicators and a finding of a degree of damage. The degree of damage is based on estimate of wind speed, a lower bound of wind speed and an upper bound of wind speed, building material and density of structures.

F0 (Gale)

F1 (Weak)

F2 (Strong)

F3 (Severe)

F4 (Devastating)

F5 (Incredible)

July is the most common month for tornados in Virginia with an average of F0 to F1 storms (Storm Prediction Center, National Weather Service).

Wildfire

The U.S. Forest Service estimates an average of 5 million acres burns every year in the United States, resulting in millions of dollars in damage. Once a fire begins, it can spread at a rate of up to 14.3 miles per hour. Wildfire can be sparked by sun or lightning. A fire requires fuel to burn, air to supply oxygen, and a heat source to bring the fuel up to ignition temperature. Heat, oxygen and fuel form the fire triangle. Controlling any wildfire involves affecting one of the three sides of the triangle. How quickly a wildfire can spread depends on fuel, weather and topography, according to the Virginia Department of Forestry (VDOP). When relative humidity is low and high winds are coupled with a dry forest floor (brush, grasses, leaf litter), wildfires may easily ignite. Years of drought can lead to environmental conditions that promote wildfires. Accidental or intentional setting of fires by humans is the largest contributor to wildfires. Residential areas or “woodland communities” that expand into areas of low development also increase the risk of wildfire threats.

Spring (March and April) and fall (October and November) are the two primary seasons for wildfires, though they can occur year-round. Secondary effects from wildfires can pose a significant threat to the communities surrounding the hazard. During a wildfire, the removal of groundcover that serves to stabilize soil can lead to hazards such as landslides, mudslides, and flooding. In addition, the leftover scorched and barren land may take years to recover, posing severe erosion and decreased water quality impacts.

Each year, about 1,600 wildfires consume a total of 8,000-10,000 acres of forest and grassland in Virginia. During the fall drought of 2001, Virginia lost more than 13,000 acres to wildfires. Records indicate that most of Virginia's wildfires are caused by people. As Virginia's population continues to grow, so does the use of forests for recreation and residential development, thereby increasing the risk of wildfires. Since the 2007 Plan, there have been two Declarations for Fire Management Assistance. These were in and near the planning region. See below:

- Virginia for Virginia Coffman Fire on February 19, 2011 in Rockingham County south of the planning region. Fire Management Assistance Declaration declared on February 20, 2011 (FM-2861); and
- Virginia Smith Fire on February 19, 2011 in Warren County. Fire Management Assistance Declaration declared on Sunday, February 20, 2011 (FM-2860).

In addition, during the summer of June and July 2012, there were three significant wildfires in the planning region on both Shenandoah National Park land and U.S. Forest Service's George Washington National Forest lands. The final acreages burned remain unofficial at this time; however, estimates of over 800 acres burned in the Shenandoah National Park in Warren and Page Counties has been reported; and the U.S. Forestry Service's Massanutten Mountain fire covered over 1,162 acres in the national forests Lee Ranger District's parts of Warren and Shenandoah Counties. The Forest Service said there were 700 lightning strikes counted in the forest during late June 2012 and lightning was the cause. In addition, the Forest Service also reported the Neighbor Mountain fire east of Page County that began with lightning burned over 2,163 acres. Several trails in the Shenandoah National Park, Massanutten Mountain, and Neighborhood Mountain were temporarily closed due to fires.

Drought

Meteorological droughts are precipitation deficits compared to average, or normal, amounts of precipitation over a given period. Crop and livestock needs, soil moisture and groundwater presence affect agricultural droughts, while hydrological drought is directly related to the effect of precipitation shortfalls on surface water and groundwater supplies. Socio-economic drought results from precipitation shortages that limit the ability to supply water dependent products to the marketplace. The Virginia Department of Environmental Quality maintains a drought map monitoring the Shenandoah Valley. Due to the topography of the Valley and the rain shadow of the mountains, the NSV region is prone to droughts if precipitation is low. Where other locations in Virginia might experience low precipitation, the NSV region may experience a drought watch or warning. The State Climatologist listed the Shenandoah Valley as the driest area in Virginia, with New River region also dry.

The localities of the planning region prepared and adopted a regional Water Supply Plan that was submitted to the Virginia Department of Environmental Quality on November 2, 2011. The regional Water Supply Plan identified a protocol for addressing and broadcasting droughts in the event of a climatic condition and methodology to disseminate information. The Water Supply Plan includes drought triggers for each locality and references a drought ordinance to be implemented in the event of a drought watch, warning, and emergency including voluntary and mandatory water conservation measures. The DEQ has a daily drought website for the NSV region based on precipitation, river flow, water well elevations, and soil moisture (<http://www.deq.virginia.gov/Programs/Water/WaterSupplyWaterQuantity/Drought.aspx>).

Extreme Heat

An extreme heat event is characterized by a prolonged period of temperatures 10 degrees or more above the average high temperature accompanied by high humidity. Under normal conditions, perspiration produced in response to elevated temperatures evaporates, cooling the body. High humidity, however, slows the evaporation process, resulting in discomfort and a greater challenge to the body to maintain normal temperatures. Elderly persons, young children, persons with respiratory difficulties, persons with special needs, and those who are sick or overweight are more likely to become victims of extreme heat. Studies indicate that a significant rise in heat-related illness occurs when excessive heat persists for more than two days. Extreme heat in urban areas can create health concerns when stagnant atmospheric conditions trap pollutants, resulting in overall poor air quality. In addition, the urban heat island effect can produce significantly higher nighttime temperatures than those in surrounding suburbs.

(<http://www.economics.noaa.gov/?goal=weather&file=events/temp>)

Winter Storms, Ice

Winter storms vary from moderate, short durations of snowfalls to full-blown blizzards lasting several days. Winter storms may include snow, sleet, hail, and freezing rain to a mix of all. Sleet hits the ground as a frozen solid, accumulating like snow and causing slippery conditions for pedestrians and motorists. Freezing rain occurs when surface temperatures fall below 32 degrees Fahrenheit and the rain freezes on contact and creates hazardous glazed surfaces. Freezing rain can glaze trees, adhering to limbs and power lines, causing them to potentially snap under the weight of the ice. Winter storms and heavy snows have long term impacts on the planning region including ancillary effects of loss of electricity, loss of access to important/critical facilities (hospitals, doctors, pharmacies, groceries, fueling stations), as well as loss of access to needed supplies like food, medications, water, sewer, and fuels. Hail sometimes occurs during severe winter storms causing additional impacts to glass windows, roofs, and cars.

Erosion

Erosion is the transport of top soil by water, wind, ice and gravity. The breakdown of rock produces loose particles that can slough off such that the soil and rock debris is transported. Moving water is the primary agent transporting Earth's material and wind is the second cause of transporting materials. Channel scouring and stream bank destabilization may follow a rain event. Erosion potential is generally determined by a number of factors including vegetative cover, topography, soil, slope, weather, and climate. Loose materials on steep slopes with no vegetative cover are more likely to erode than compacted particles on vegetated low lying areas.

Dam Failure

Failure of even small structures can result in loss of life and significant property damage. The Virginia Department of Conservation and Recreation's Division of Dam Safety updated its safety regulations as of December 2010 and is in the process of evaluating the many dams constructed with or without proper permits throughout the Commonwealth. Of particular concern are the many aging impoundments that have not been properly maintained and lie upstream of developed properties.

Earthquakes

An earthquake is the movement of Earth's surface in response to radiated seismic energy resulting from volcanic or magmatic activity, slippage or buckling along tectonic plates or other sudden adjustments of subsurface stresses. Earth's areas of greatest instability occur along the perimeters of its tectonic plates. Earthquake hazards include ground shaking, landslides, faulting, ground liquefaction, tectonic deformation and tsunamis. Earthquakes can result in widespread, extensive damage to the built environment, severe injury and loss of life, and the disruption of the social and economic fabric of the affected area. Most property damage, injuries and deaths result from structural failure and collapse. The amount and type of damage relates directly to the amplitude and duration of motion which vary according to the size of the quake, its depth, location and regional geology. Earthquakes are measured in terms of their magnitude and intensity. Magnitude is expressed by reference to the Richter Scale, an open-ended logarithmic scale that describes the energy released through a measure of shock wave amplitude.

Karst, Sinkholes

Karst is a landform feature created from the dissolved rocks that can take the form of caves, caverns, sinkholes, seeps, springs, disappearing streams, and ponures. Sinkholes are common in areas characterized by soluble bedrock including limestone or other carbonates, salt beds, or any rock that can be dissolved naturally by circulating ground water. As rock dissolves, spaces and caverns develop underground. When the weight of the overlying land mass exceeds subsurface support, a sudden collapse may occur. The degree of susceptibility varies with the extent and character of the soluble rock, its location with regard to the water table and local climate conditions. According to FEMA, insurance claims for damage resulting from sinkhole formation have increased 1,200% from 1987 to 1991, costing nearly \$100 million.

Landslides

A landslide is the mass movement of earth material down a slope. The process is driven by gravity and may occur instantaneously with a sudden rush of rock and debris or imperceptibly as a very slow movement over time. Landslides may be triggered by natural events such as heavy rainfall, rapid snowmelt, stream incision, earthquakes and volcanic eruptions. (United States Geological Survey <http://pubs.usgs.gov/pp/p1183/plate1.html>.) Given the steep slopes throughout the planning region, the probability for landslides are high. The Department of Mines, Minerals, and Energy is currently evaluating the vulnerability of the planning region to landslides, with a study of Page County.

Community Hazard Ranking Process and Results

Identifying and Ranking Hazards

The first step, hazard identification presented above, identifies all the natural hazards that might affect the planning area. The hazards were subsequently ranked by the Hazard Mitigation Steering Committee to determine what hazards are most likely to impact the communities of NSV Regional Commission. The hazards that are determined to have significant impact are analyzed in the greatest detail to determine the magnitude of future events and the vulnerability of the community and its critical facilities. Hazards that receive a moderate or limited impact ranking are analyzed at a less detailed level consistent with risk, available data and vulnerability methodology.

The risk assessment requirements mandate an overview of the type of all natural hazards that can affect the planning region. The potential hazards likely to occur in the NSV pose impacts equally to the communities, businesses, governments, and environment are due to the geographical setting of the Valley making vulnerability fairly ubiquitous throughout the region. To determine the hazards that pose the greatest threat, the following data sets were reviewed and evaluated: the Virginia State Hazard Mitigation Plan; historical data on events that have occurred both regionally and throughout Virginia; the 2007 NSV Regional Hazard Mitigation Plan data; data collected from collaboration with various agencies (including Department of Mines Minerals and Energy and Department of Conservation and Recreation, the Department of Transportation, Department of Environmental Quality, and Department of Forestry); hazards identified in guidance materials provided by FEMA Region III; and other regional mitigation plans of jurisdictions located within Virginia. The approved updates were used to assess the impacts of the hazards.

A list of hazards was identified by the steering committee for an assessment and ranking of hazard in terms of threats to recovery as well as capacity to respond to a hazard. The ranking methodology included a survey poll issued to the localities and responses collected by NSVRC staff and summaries reviewed by the steering committee.

Although any type of disaster is possible for any given area in the United States, the most likely natural hazards that could potentially affect the communities in the NSV, based on past incidence and the knowledge of the Steering Committee, the Virginia Hazard Mitigation Plan, and the 2007 NSV Regional Hazard Mitigation Plan, include the following as the most likely hazards posing threat to the NSV region:

- Droughts
- Flooding
- Hurricanes
- Tornados
- Wildfires
- Winter Storms
- Severe thunderstorms and lightning
- Landslides

The Hazard Mitigation Steering Committee expressed a desire to also include an assessment of the man-made or human-caused hazards that could affect the planning area in future planning efforts. While human-induced disasters were not fully characterized within the scope of this Plan update, this type of hazard was noted. One strategy in this Plan update includes a full assessment of human-induced disasters in future hazard mitigation plan iterations. The human-caused hazards briefly mentioned in this Plan as well as referred to in the 2007 Plan include:

- Hazardous Material Spills
- Pipelines Eruptions / Explosions
- Mass Evacuation from Northern Virginia
- Terrorist activities

Hazards were ranked by the Steering Committee and the public to determine what hazards were judged to have the largest impact on their communities and capacity to respond. The results are summarized in Table 4-1 below. The level of hazard was determined by response from the committee members, local jurisdictions, and the public. Based on the input of committee members the hazard rankings were numerical then divided into four distinct categories (High, Moderate, Low, or None) which represent the level of ranking during this planning process. In order to focus on the most critical, the committee determined hazards assigned a level of

Significant / High or Moderate received the most extensive attention in the remainder of the planning process, while those with a Low ranking were assessed in more general terms.

Earthquakes were not addressed in the 2007 Plan; however, since the 2011 earthquake (Presidential Declaration), earthquakes have been included in this update of the Plan. It was interesting to note the rankings for man-made hazards ranked higher than wildfires, dam failures, extreme heat, drought, and earthquakes.

Table 4.1 Hazard Rankings		
Hazard	Type	2012 Hazard Ranking in order of 1 (most significant) to 10 (least significant)
Flooding	Riverine	High 1
Winter Storm/ Ice / Extreme Cold	Including winter storms, ice storms, and excessive cold	High 2 (tie ranking)
High Wind/ Hurricane	Hurricane	High 2 (tie ranking)
Tornado	Tornado	High 3
Lightning	Storm	Moderate 4
Thunderstorm		Moderate 5
Pipelines	Pipelines	6
Mass Evacuation from Northern Virginia	Mass Evacuation from Northern Virginia	6
Hazardous materials Spills	Hazardous materials Spills	Moderate – all Human Caused 6
Wildfire	Wildfire	Moderate 7
Dam Failure Due to Flooding / Low bridges	Dam Safety	Moderate 8
Extreme Heat	Heat	Low 10 (tie ranking)
Drought	Heat	Low 10 (tie ranking)
Earthquake	Earthquake	Low 11

Landslide/Steep Slope	Landslide/Steep Slope	Low 12
Hail	Hail as part of Storm	Low 13 (tie ranking)
Erosion	Landslide/Steep Slope	Low 13 (tie ranking)
Land Subsidence / Karst	Karst	Low 14

HAZARD IDENTIFICATION RISK ASSESSMENT (HIRA)

The mandated hazard identification risk assessment (HIRA) section of this chapter was conducted using various methods based on available data. The HIRA is listed separately for each hazard type and includes an assessment of impacts on critical facilities, estimated losses to facilities, and vulnerability to the hazard based on the history of such hazards. The 2007 Plan served as a baseline for the HIRA and is updated herein. The risk assessment includes a description of the jurisdiction’s vulnerability to the hazards identified, including a summary of each hazard and its impact on the community. Unless otherwise stated, each hazard is anticipated to affect the region with the same likelihood of impact and each locality is considered to be equally vulnerable to the natural hazard. Vulnerability includes the following based on availability of data and guidance from the hazard mitigation steering committee:

- The types and numbers of existing and future buildings, infrastructure, and critical facilities located in the identified hazard areas;
- An estimate of the potential dollar losses to vulnerable structures identified in this section and a description of the methodology used to prepare the estimate.
- An estimate of the likelihood of risk to a locality from a hazard based on the general description of land uses and development trends within the community.

As noted above, if a specific locality’s risk varies from that of the region in this multijurisdictional risk assessment, the specific jurisdictional risk is noted. The information for analysis and data used for each of the hazard varies.

Critical Facilities

According to FEMA a critical facility is defined as a facility, in either the public or private sector, that provides essential products and services to the general public, is otherwise necessary to preserve the welfare and quality of life in the jurisdiction, or fulfills important public safety, emergency response, and/or disaster recovery functions.

Critical facilities for the planning region were derived from a variety of sources in the 2007 Hazard Mitigation Plan. This updated list was based on input from localities to the 2007 Plan

with known facilities from other NSV regional Commission Plans (2012 Solid Waste Plan, 2011 Regional Water Supply Plan, 2012 Regional TMDL Watershed Implementation Plan, and other regional strategic plans. This list of critical facilities will be reviewed annually and updated during accordingly as additional facilities are identified. The 2007 list of critical facilities was supplemented with ESRI data as well as geocoded facilities completed by the Virginia Tech Center for Geospatial Information Technology (CGIT). Critical facilities include fire/rescue stations, police stations, government/administrative centers, schools, and churches.

Analysis for the region was completed using the best available data. Census blocks were used to assess the area's vulnerability to specific hazards such as winter storm and wind. The flooding analysis was conducted primarily using floodplain, tax parcel and building footprint data provided by the communities and NSVRC. For some communities, structure points were determined using Virginia Base Mapping imagery, which was then intersected with the floodplain data for the region. Structure value was established using average house value in the 2010 Census data. The 2010 Census data for average structure value per block was used as a replacement cost in the event of a disaster. This value can serve as a guide in assessing the impacts of various hazards in future analyses.

Inadequate information posed a problem for developing loss estimates for most of the identified hazards. The primary limiting factor was that the hazard mapping precision is at only a relatively large scale (i.e., the County or jurisdiction level) as opposed to precision at a smaller scale such as census block or parcel. In addition, many of the hazards, such as winter storm and wildfire, do not have defined damage estimate criteria, limiting the ability to perform a quantitative loss estimate. The FEMA guidelines emphasize using "best available" data for this plan, therefore, a variety of methodologies were used based on the type of data that was available. The 2007 Plan used data from the NSV Regional Commission and member jurisdictions including tax parcels, zoning, street mapping, some utilities, building footprints (where available), and critical facility information which was updated herein. All other data were derived from existing sources or created by the Virginia Tech Center for Geospatial Information Technology, as updated from the 2007 Plan.

Critical facilities, residential and industrial buildings within the 100 year floodplain were identified for quantitative damage analysis. The Hazards US – Multi-Hazard (HAZUS-MH) model was used to estimate dollar damages from hurricanes in the NSV region. This cost amount was increased 8% since the 2007 where cost justification was not available.

Flooding

A flood occurs when an area that is normally dry becomes inundated with water. Floods may result from the overflow of surface waters, overflow of inland and tidal waters, or mudflows. Flooding can occur at any time of the year, with peak times in the late winter and early spring.

Snowmelt and ice jam breakaway contribute to winter flooding, while seasonal rain patterns contribute to spring flooding. Torrential rains from hurricanes and tropical systems are more likely in late summer. Development of flood-prone areas tends to increase the frequency and degree of flooding.

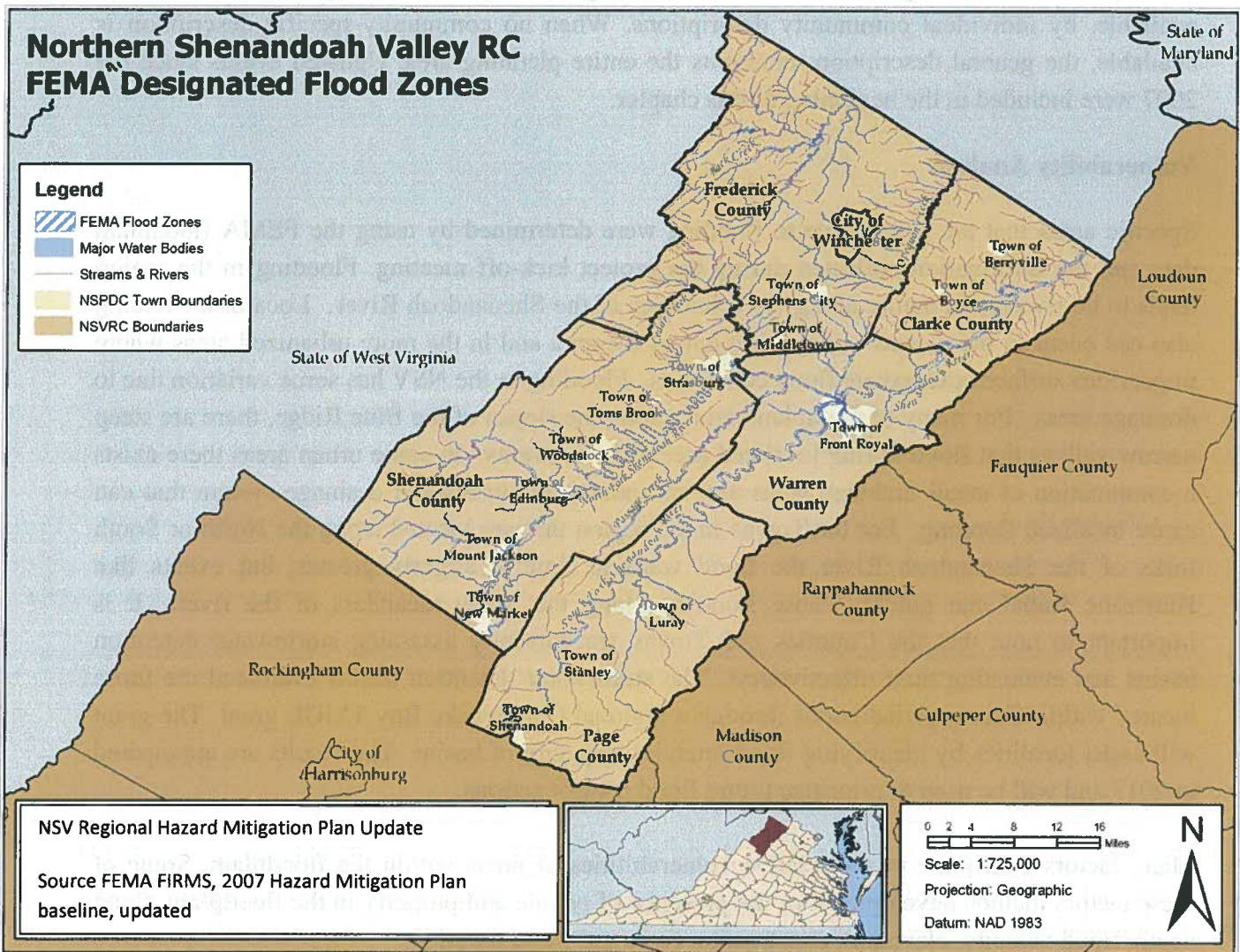
Floods typically are characterized by frequency such as the “1%-annual chance flood,” commonly referred to as the “100-year” flood. While more frequent floods do occur, as well as larger events that have lower probabilities of occurrence, the 1%-percent annual chance flood is used for most regulatory and hazard identification purposes.

Floods pick up chemicals, sewage and toxins from roads, factories, and farms. Property affected by the flood may be contaminated with hazardous materials. Debris from vegetation and man-made structures also may become hazardous following the occurrence of a flood. In addition, floods may threaten water supplies and water quality, as well as initiate power outages.

Flooding can pose significant secondary impacts to the area where the event has taken place. Some of the impacts include infrastructure and utility failure, as well as impacts to roadways, water service and wastewater treatment. These impacts can affect the entire planning district, limiting the availability of emergency services in the impacted area.

Detailed data was available as “Q3 flood maps” exist for all of the Counties in the planning area, as indicated in the 2007 Plan; however, several Towns are missing Q3 maps. The Q3 flood maps are digital versions of the FEMA paper Flood Insurance Rate Maps (FIRMs) that have been georectified and digitized. These maps were utilized to determine the risk and vulnerability of flooding in the planning area compared in 2007 Plan to recent conditions. The 2007 Plan mapped all floodplains in the region and the data has not changed for this Plan update. County, City and Town-specific maps are included in locality EOPs. It should be noted that no FEMA floodplain map exists for the Towns of Boyce and Toms Brook; therefore maps for these Town are not included in their County/ Town EOP at this time. The floodplains and flood zones are presented on Figure 4-1 from the FEMA FIRMS database.

Figure 4-1. NSV Floodplains and Flood Zones



Flood Hazard History

The 2007 Plan included descriptions of major flood events in Appendix C that occurred in the Northern Shenandoah Region. Events have been categorized by the date of occurrence and where available, by individual community descriptions. When no community-specific description is available, the general description represents the entire planning area. Updated events since the 2007 were included in the beginning of this chapter.

Vulnerability Analysis

Specific areas that are susceptible to flooding were determined by using the FEMA floodplain data and the information collected during the project kick-off meeting. Flooding in the region tends to be riverine in nature along the tributaries of the Shenandoah River. Localized flooding also can occur in the narrow valleys throughout the area and in the more urbanized areas where impervious surfaces exacerbate flood conditions. Flooding in the NSV has some variation due to drainage areas. For many of the upland areas along the slopes of the Blue Ridge, there are steep narrow valleys that flood during localized precipitation events. In some urban areas there exists a combination of small drainage areas and an undersized stormwater drainage system that can cause localized flooding. For the Towns in the region that are located along the North or South forks of the Shenandoah River, the flood warning time is slightly greater, but events like Hurricane Isabel can quickly cause flooding along the many meanders of the rivers. It is important to note that the Counties and Towns are currently assessing stormwater detention basins and evaluating their effectiveness. The stormwater detention basins evaluated are those located within County jurisdictions through a regional Chesapeake Bay TMDL grant. The grant will assist localities by identifying flood retention capacity of basins. The results are anticipated in 2013 and will be used to prioritize future flood control actions.

Many factors contribute to the relative vulnerabilities of areas within the floodplain. Some of these factors include development or the presence of people and property in the floodplain, flood depth, flood velocity, elevation, construction type, and flood duration.

The current list of repetitive loss properties is presented in Appendix C, supporting documentation. A majority of the repetitive loss structures in the region are single family homes, though the structures with the highest claims are non-residential. The total amount paid on the repetitive loss structures for the region is more than six million dollars.

The impact of flooding on structures was estimated based on best available data for floodplains and structures for each community. Table 4-2 shows the sources for the structure values used for the flood loss analysis. The average structural value per census block updated from the HAZUS-MH in the 2007 Plan was used. The impact of flooding on structures was estimated based on best available data from the U.S. 2010 Census Bureau, the Weldon Cooper Center, and NSV Regional Jobs Assessment Report, jointly compiled by the Front Royal – Warren County

Economic Development Agency and Shenandoah University, 2012. For many communities, tax parcel databases provided the lot improvement value which related to the structural replacement value. When this data was not available, structure locations from the 2007 Plan and aerial photography were used for analysis.

Table 4-2. Northern Shenandoah Region Structural and Property Data Availability	
Community	Structural and Property Data
Clarke County	GIS building footprints and from County tax parcel database.
<i>*Town of Berryville</i>	GIS building footprints. Average building value derived from updates using 2007 HAZUS-MH with 2010 census blocks.
<i>*Town of Boyce</i>	No mapped floodplains.
Frederick County	GIS building footprints. Average building value derived from updates using 2007 HAZUS
<i>*Town of Middletown</i>	GIS building footprints. Average building value derived from updates using 2007 HAZUS
<i>*Town of Stephens City</i>	GIS building footprints. Average building value derived from updates using 2007 HAZUS
Page County	Digitized floodplain building locations from aerial photography. Average building value per census block from FEMA HAZUS-MH.
<i>*Town of Luray</i>	Digitized floodplain building locations from aerial photography. Average building value derived from HAZUS-MH census blocks.
<i>*Town of Stanley</i>	Digitized floodplain building locations from aerial photography. Average building value derived from HAZUS-MH census blocks.
<i>*Town of Shenandoah</i>	Digitized floodplain building locations from aerial photography. Average building value derived from HAZUS-MH census blocks.
Shenandoah County	GIS building footprints. Average building value derived from updates using 2007 HAZUS-MH with 2010 census blocks.
<i>*Town of Edinburg</i>	GIS building footprints. Average building value derived from updates using 2007 HAZUS
<i>*Town of Mount Jackson</i>	GIS building footprints. Average building value derived from updates using 2007 HAZUS
<i>*Town of New Market</i>	GIS building footprints. Average building value derived from updates using 2007 HAZUS
<i>*Town of Strasburg</i>	GIS building footprints. Average building value derived from updates using 2007 HAZUS-MH with 2010 census blocks.
<i>*Town of Toms Brook</i>	GIS building footprints without values. Building value from County tax parcel database.

Table 4-2. Northern Shenandoah Region Structural and Property Data Availability	
Community	Structural and Property Data
<i>*Town of Woodstock</i>	GIS building footprints. Average building value derived from updates using 2007 HAZUS
Warren County	GIS building footprints. Average building value derived from updates using 2007 HAZUS
<i>*Town of Front Royal</i>	GIS building footprints. Average building value derived from updates using 2007 HAZUS
City of Winchester	GIS building footprints. Average building value derived from updates using 2007 HAZUS

The flood vulnerability was determined for each locality based on the intersection of floodplain map and the digitized / mapped point locations. This varied by locality based on the available data. Table 4-3 lists the total replacement value of structures vulnerable to flooding (both partially and entirely within the floodplain) in each community. These replacement values for structures were calculated as 15% greater from the 2007 HAZUS-MH based on data from Weldon Cooper Center and the 2010 U.S. Census block average values were used. These values are likely to be underestimates, especially for any non-residential structures in the floodplain.

Estimates of the losses presented in the 2007 Plan using Benefit Cost Analysis were revised in this 2012 Plan update due to a limitation of the analysis with an estimated underestimated loss to higher-valued structures, such as businesses and critical facilities. When this method was used for these multi-million dollar structures, the loss estimates were unrealistic, since many of these structures in the vicinity of the floodplain may be elevated or have floodproofing measures in place which would reduce damages. Therefore, the maximum amount of damage for individual structures was capped at \$400,000 from a 100-year storm event (which translates into \$10,000 as an annualized loss). The values in Table 4-3 reflect this assumption.

Table 4-3. Structure Value Vulnerability	
Community	Total Structure Value Vulnerability
Clarke County	\$14,019,443
<i>*Town of Berryville</i>	\$0
<i>*Town of Boyce</i>	\$144,224,812
Frederick County	\$1,378,724
<i>*Town of Middletown</i>	\$621,242

Table 4-3. Structure Value Vulnerability	
Community	Total Structure Value Vulnerability
<i>*Town of Stephens City</i>	\$42,808,526
Page County	\$22,389,488
<i>*Town of Luray</i>	\$730,538
<i>*Town of Stanley</i>	\$204,930
<i>*Town of Shenandoah</i>	\$71,518,408
Shenandoah County	\$4,810,450
<i>*Town of Edinburg</i>	\$767,510
<i>*Town of Mount Jackson</i>	\$500,000 (estimated)
<i>*Town of New Market</i>	\$3,577,075
<i>*Town of Strasburg</i>	\$1,000,000 (Town estimate)
<i>*Town of Toms Brook</i>	\$228,322,898
<i>*Town of Woodstock</i>	\$625,715
Warren County	\$161,910,375
<i>*Town of Front Royal</i>	\$14,019,443
City of Winchester	\$139,425,829
Total	\$876,845,291

**Denotes Town values that are also included in totals for the respective County*

Table 4-4 shows the annualized loss estimate for damage to structures and contents, broken down by community. Some of the highest losses are in the City of Winchester, and in the Towns of Berryville, Front Royal, and Luray. This trend is consistent with the 2007 Plan.

Table 4-4. Annualized Structure and Contents Loss Estimates	
Community	\$277,836
Clarke County	\$102,488
<i>*Town of Berryville</i>	\$0
<i>*Town of Boyce</i>	\$1,162,476
Frederick County	\$10,981
<i>*Town of Middletown</i>	\$5,111
<i>*Town of Stephens City</i>	\$229,219
Page County	\$132,876
<i>*Town of Luray</i>	\$4,335
<i>*Town of Stanley</i>	\$1,216
<i>*Town of Shenandoah</i>	\$424,235
Shenandoah County	\$28,337
<i>*Town of Edinburg</i>	\$4,555
<i>*Town of Mount Jackson</i>	\$0
<i>*Town of New Market</i>	\$21,229
<i>*Town of Strasburg</i>	\$1,562
<i>*Town of Toms Brook</i>	\$1,355,047
<i>*Town of Woodstock</i>	\$3,714
Warren County	\$960,903
<i>*Town of Front Royal</i>	\$895,848
City of Winchester	\$5,621,971
Totals	\$277,836
*Denotes Town values that are also included in totals for the respective County	

Critical Facilities

The impacts of flooding on critical facilities can significantly increase the overall effect of a flood event on a community. It should be noted that these facilities have been determined to be in the floodplain using Geographic Information Systems (GIS) and that this analysis should be used only as a planning tool. In order to accurately determine if a structure is actually in the floodplain, site-specific information must be available. These critical facilities have been identified as being in the floodplain (Table 4-5).

Table 4-5. Critical Facilities in the Floodplain		
Facility Name	Type	Jurisdiction
F&M Bank Educational Center	School	Town of Berryville (Clarke County)
Keystone Christian Academy	School	Town of Berryville (Clarke County)
Duncan Memorial United	Church	Town of Berryville (Clarke County)
Water Treatment Plant	Public Utility	Town of Berryville/Clarke County
New Hope Baptist Church	Church	Frederick County
Meadowbrook Freewill Baptist	Church	Town of Middletown (Frederick County)
Strasburg Town Hall	Government	Town of Strasburg (Shenandoah County)
Strasburg Public Works Facility	Public Utility	Shenandoah County / Town of Strasburg
Burnshire Dam	Public Utility	Town of Woodstock
Woodstock Water and Waste Water Treatment Plants	Public Utility	Town of Woodstock
Edinburg Pump Station	Public Utility	Town of Edinburg
New Market Water and Waste Water Treatment plants	Public Utility	Town of New Market
Stoney Creek Dams	Public Utility	Shenandoah County
Melkite Greek Catholic Church	Church	Warren County
Warren County Administration Building	Government	Town of Front Royal (Warren County)
Front Royal Fire Department	Fire & Rescue	Town of Front Royal (Warren County)
Dynamic Life Praise and Worship	Church	Town of Front Royal (Warren County)
Public Safety Building	Government	Warren County
Skyline High School	School	Town of Front Royal (Warren County)
Front Royal Water Treatment Plant	Public Utility	Town of Front Royal
Shenandoah University	School	City of Winchester
Mt Carmel Baptist Church	Church	City of Winchester
Winchester-Frederick SPCA (Animal Shelter)	Government	City of Winchester / Frederick County
Winchester City Hall	Government	City of Winchester
Rouss Fire Company	Fire & Rescue	City of Winchester
Winchester Water Treatment Plant	Public Utility	Shenandoah / Warren Counties
Calvary Baptist Church	Church	City of Winchester

Celebration Fellowship	Church	City of Winchester
Christ Episcopal Church	Church	City of Winchester
First Presbyterian Church	Church	City of Winchester
Grace Evangelical Lutheran Church	Church	City of Winchester
John Mann United Methodist Church	Church	City of Winchester
Market Street United Methodist	Church	City of Winchester
United Methodist Church	Church	Town of Luray
Luray Water and Waste Water Treatment Plants	Public Utility	Town of Luray
Shenandoah Water and Waste Water Treatment Plants	Public Utility	Town of Shenandoah
Shenandoah Town Hall	Government	Town of Shenandoah
Stanley Water and Waste Water Treatment Plants	Public Utility	Town of Stanley
Dams at White House	Public Utility	Page County

NFIP Repetitive Loss

The National Flood Insurance Program (NFIP) Repetitive Loss Strategy is a combined effort between FEMA’s Mitigation Directorate and the Federal Insurance Administration (FIA) that identifies properties most at risk for repeat flooding, and to reduce their flood exposure through targeted acquisition, relocation, and or elevation. A repetitive loss building is defined as one that has had at least two insured losses in any 10-year period since 1978. The VDEM provided a list of repetitive loss properties in the NSV region. Many of these repetitive loss properties are not currently insured, some have already had structural or non-structural mitigation (acquired and removed, elevated, or flood proofed), and others may have dropped insurance coverage for economic or coverage reasons. Nationally, these buildings are projected to cost the NFIP \$200 million per year. Additionally, new repetitive loss properties are identified each year. FEMA has identified target buildings that are currently insured and have the greatest risk. There are 8,753 buildings with four or more losses, and 1,160 buildings with two or three losses that exceed building value. Although most target buildings are single-family residences, 25 percent of the dollar losses are to non-residential buildings. FEMA regional offices are making this information available to VDEM and NSVRC. According to FEMA, these properties will cost an estimated average of \$57,500 to acquire, relocate, or floodproof (Federal share is \$43,125 at a 75/25 cost share). The projected mitigation costs assume that half the buildings will be acquired or relocated and half will be elevated or floodproofed. FEMA will continue to work with VDEM as a partner to effectively use HMGP funds to mitigate target properties. To assist in remediating these properties FEMA has developed the NFIP Community Rating System (CRS) that assigns credits for acquisition, relocation, and retrofitting of floodprone properties with bonuses added for addressing repetitive loss buildings. Communities that have 10 or more repetitive loss properties

are required to address these and other at-risk structures for mitigation options in a floodplain management plan. VDEM provided NSVRC with a list of repetitive loss properties located within the planning region (Appendix A). The steering committee was provided with copies of the repetitive loss properties. As a regional strategy, all participating jurisdictions have prioritized mitigating repetitive loss properties by acquisition and relocation or elevations and other structural improvements. All jurisdictions with the exception of the Town of Boyce participate in NFIP and plan to continue compliance with NFIP requirements. The Town of Boyce will seek full participation as staff and flood maps are available and continue compliance with NFIP requirements through Clarke County. The CRS provides premium discounts in communities that exceed NFIP minimum requirements. FEMA is working with Project Impact communities with large numbers of repetitive losses to include strategies to address those losses in their Memorandums of Agreement. Many Project Impact communities already have initiatives underway to address repetitive losses. The hazard mitigation steering committee has identified CRS as an important resource and is working to better understand how localities can participate. The September 2012 monthly hazard mitigation steering committee included a presentation by the Virginia CRS coordinator. Under recommendation from the steering committee, NSVRC will advance the CRS program information to planning directors and chief administrative officers of to encourage the jurisdictions to consider participation in the CRS program.

Hurricane (Nonrotational Winds) and Coastal Storms

The 2007 Plan included major hurricanes, thunderstorms, and high wind events in the NSV region. Events since the 2007 Plan include Hurricane Irene in 2001 that passed east of the NSV region but left a swath of high wind damages, flooding, and power outages. The Commonwealth of Virginia's Standard Hazard Mitigation Plan includes hurricane tracks in Virginia based on a historical representation of occurrences in the Northern Shenandoah region. Two hurricanes are known to have tracked through the NSV since 1851. In 1893, an unnamed hurricane tracked through Shenandoah County. In 1896, an unnamed hurricane tracked through the Counties of Page, Warren, Frederick and the City of Winchester.

Hurricanes that have not tracked through the region still have had a considerable impact on the region. Notably, secondary impacts have caused loss of life, injury, property damage and widespread infrastructure damage (i.e. power and phone disruptions). An unnamed hurricane in 1893 tracked to the southeast of the region, as well as Hurricane Hazel in 1954. Hurricane Isabel in 2003 tracked to the southwest of the region in Rockingham County as a Category 1 hurricane and eventually weakened to a tropical storm. Hurricane Isabel impacted the Shenandoah National Forest from Page County through Front Royal's Big Meadows. Skyline Drive and several trails were closed one night and the park employees were evacuated to a shelter. Damage throughout the greater Shenandoah Valley from Isabel total about \$29 -34 million (2008 USD estimates). The flooding from the hurricane killed 25-30 head of livestock in the Valley.

The likelihood of a hurricane affecting the NSV region is low based the history of occurrences. However, in the event a hurricane passes through the planning region, each locality likely to be affected equally. Based on the date of occurrences and where available, by individual community descriptions, the following community-specific impacts are anticipated in the event a hurricane hits the planning region.

The 2007 Plan presented a detailed vulnerability analysis using HAZUS-MH for wind analysis for vulnerability and loss estimates. The HAZUS-MH used historical hurricane tracks and computer modeling to identify the probable tracks of a range of hurricane events. The results of the 2007 Plan were determined to continue to be most reflective of the vulnerability analysis with highest wind speeds over the next 50 years (see Appendix F, 2007 Plan). The results were probabilistic wind speeds (50-, 100- and 1,000-year return period peak gust in miles per hour) predicted by the FEMA HAZUS-MH model for the NSV region as shown on the 50-year probabilistic wind event map, the northern portions of Frederick, Clarke and Warren Counties and City of Winchester are dominated by wind speeds less than 50 mph. The central and southern portions of the planning area were found to be dominated by 50 to 60 mph winds. The 100-year probabilistic wind event map is uniform throughout the region with 60 to 70 mph winds. As with the 50-year wind event, the 1,000-year wind event follows the same trend, with 80 to 90 mph winds in the northern portions and 90 to 100 mph winds in the central and southern portions of the region. The impacts of these various events are combined to create a total annualized loss or the expected value of loss in any given year.

The table 4.6 below presents the probabilistic building stock exposure by building type, based on the data from the 2007 Plan. The committee determined this probability was not anticipated to change although the dollar values of each community will be reflected in the total community assessed structure value in the following table. Based on the 2007 vulnerability assessment, the greatest wind damage would be to wood-frame buildings (63% of housing stock, based on 2010 Census data). For the NSV region, wood-frame buildings account for a large percentage of the building stock (63%). From the analysis in the 2007 Hazard Mitigation Plan, similar proportion of building stock applies including an estimate of 84% of the building stock for the NSV region is considered residential, and approximately 13% of the building stock is commercial and/or industrial. The smallest unit of analysis in the HAZUS-MH hurricane model is the U.S. Census track level, which is larger than most of the Towns in the region. Town exposure has been estimated as a percentage of the total housing units in the County. The County totals include the Town subtotals.

Table 4.6. Building Stock Exposure by Building Type (from HAZUS-MH) from 2007 Plan

Community	Wood	Masonry	Concrete	Steel	MH	Total
Clarke County	\$578,050.00	\$223,135.00	\$17,610.00	\$53,189.00	\$2,340.00	\$874,324.00
<i>*Town of</i>	<i>\$135,374.81</i>	<i>\$52,256.48</i>	<i>\$4,124.13</i>	<i>\$12,456.45</i>	<i>\$548.01</i>	<i>\$204,759.88</i>

Berryville						
Town of Boyce	\$19,463.27	\$7,513.08	\$592.94	\$1,790.90	\$78.79	\$29,438.98
Frederick County	\$2,166,860.00	\$847,795.00	\$64,943.00	\$224,323.00	\$76,388.00	\$3,380,309.00
Town of Middletown	\$37,145.75	\$14,533.46	\$1,113.30	\$3,845.49	\$1,309.49	\$57,947.50
Town of Stephens City	\$41,939.93	\$16,409.21	\$1,256.98	\$4,341.81	\$1,478.50	\$65,426.44
Page County	\$889,633.00	\$347,719.00	\$29,089.00	\$83,453.00	\$42,447.00	\$1,392,341.00
Town of Luray	\$186,969.94	\$73,078.45	\$6,113.50	\$17,538.92	\$8,920.88	\$292,621.69
Town of Stanley	\$50,897.59	\$19,893.66	\$1,664.24	\$4,774.50	\$2,428.47	\$79,658.46
Town of Shenandoah	\$72,085.72	\$28,175.19	\$2,357.04	\$6,762.08	\$3,439.42	\$112,819.45
Shenandoah County	\$1,531,930.00	\$625,151.00	\$64,553.00	\$202,988.00	\$27,513.00	\$2,452,135.00
Town of Edinburg	\$35,508.46	\$14,490.31	\$1,496.27	\$4,705.04	\$637.72	\$56,837.80
Town of Mount Jackson	\$72,676.59	\$29,657.91	\$3,062.47	\$9,629.99	\$1,305.25	\$116,332.22
Town of New Market	\$71,497.35	\$29,176.68	\$3,012.78	\$9,473.74	\$1,284.07	\$114,444.62
Town of Woodstock	\$172,606.91	\$70,437.54	\$7,273.37	\$22,871.24	\$3,099.97	\$276,289.02
Town of Strasburg	\$175,445.84	\$71,596.05	\$7,393.00	\$23,247.41	\$3,150.95	\$280,833.25
Town of Toms Brook	\$11,137.34	\$4,544.93	\$469.31	\$1,475.75	\$200.02	\$17,827.35
Warren County	\$1,280,157.00	\$497,712.00	\$40,685.00	\$114,682.00	\$16,071.00	\$1,949,307.00
Town of Front Royal	\$550,786.90	\$214,140.34	\$17,504.70	\$49,341.87	\$6,914.54	\$838,688.35
City of Winchester	\$986,567.00	\$488,467.00	\$77,475.00	\$266,591.00	\$2,144.00	\$1,821,244.00
Total	\$7,433,197.00	\$3,029,979.00	\$294,355.00	\$945,226.00	\$166,903.00	\$11,869,660.00
<i>All values are in thousands of dollars</i>						
*Denotes Town values that are also included in totals for the respective County						

The assessed property damage in the Plan update was based on 63% of the total property values as indicated below being wood-frame. Similar breakdowns were used from the 2007 to assess impacts to residential versus commercial / industrial property, where 84% of the impacts would be to residential property and 13% of the impacts would occur to commercial property. These are presented in Table 4.7, below.

Table 4.7. Property Impacts from Hurricanes in the NSV Region.

Locality (Counties exclude Town data)	Taxable Structures	Nontaxable Structures	Total Property Values (Based on Jan. 1 2012 Tax Book in Commissioner of Revenue of locality)	Hurricane impact Estimates, Total Property Damages

Winchester City	\$1,688,187,500	\$631,410,100	\$2,319,597,600	\$1,484,542,464.00
Clarke County	\$100,433,600	\$1,334,321	\$101,767,921	\$65,131,469.44
Town of Berryville			\$321,625,500	\$205,840,320.00
Town of Boyce			\$43,555,800	\$27,875,712.00
Frederick County	\$4,818,580,400	\$682,128,000	\$5,500,708,400	\$3,520,453,376.00
Town of Middletown			\$47,206,900	\$30,212,416.00
Town of Stephens City			\$82,404,900	\$52,739,136.00
Page County	\$876,062,945	\$114,710,700	\$990,773,645	\$634,095,132.80
Town of Luray	\$336,678,500	\$49,750,100	\$386,428,600	\$247,314,304.00
Town of Shenandoah	\$120,398,300	\$13,189,700	\$133,588,000	\$85,496,320.00
Town of Stanley	\$73,582,400	\$16,162,100	\$89,744,500	\$57,436,480.00
Shenandoah County	\$1,667,765,100	\$131,746,400	\$1,799,511,500	\$1,151,687,360.00
Town of Edinburg	\$59,902,800	\$10,060,200	\$69,963,000	\$44,776,320.00
Town of Mt Jackson	\$104,433,100	\$17,364,500	\$121,797,600	\$77,950,464.00
Town of New Market	\$115,013,000	\$14,243,700	\$129,256,700	\$82,724,288.00
Town of Strasburg	\$361,050,700	\$33,889,400	\$394,940,100	\$252,761,664.00
Town of Toms Brook	\$9,105,400	\$1,879,000	\$10,984,400	\$7,030,016.00
Town of Woodstock	\$350,570,600	\$99,347,000	\$449,917,600	\$287,947,264.00
Warren County	\$1,765,325,200	\$388,091,600	\$2,153,416,800	\$1,378,186,752.00
Town of Front Royal	\$786,114,700	\$255,284,700	\$1,041,399,400	\$666,495,616.00
TOTAL in NSV region			2,460,591,521	\$1,574,778,573.44

Tornados and Severe Thunderstorms

Based on historical occurrences, the entire Commonwealth is vulnerable to thunderstorm and tornado activity. These natural hazards are often associated in tandem or where tornados occur as a result from severe thunderstorm activity. As noted above, tornados may also occur during a tropical storm or hurricane. The probability of a severe thunderstorm occurring in the planning region is medium, while the probability for a tornado is low. The vulnerability analysis was considered to be equal for the entire planning region, since there is no precise location nor prediction of where and to what extent thunderstorm and tornado damage may occur, therefore, the total dollar exposure figure of \$2,460,591,521 for buildings and facilities within the region is considered to be exposed and could potentially be impacted. The total planning region population of 222,152 (2010 Census) is considered to be affected as well. For the severe thunderstorm and tornado hazards, best available data on historical hazard occurrences (limited to NOAA National Climatic Data Center records) was used to produce an annualized loss

estimate of potential damages for each County. However, the likelihood of the impacts to the region as a whole were considered most likely by the steering committee and therefore, impacts to multiple Counties were anticipated to be the case.

Wildfires

The risk assessment for wildfires was based on the number of woodland homes in proximity to forested areas. Since over 45% of the County’s land cover is forested, the risk to woodland homes remains high. The VDOF’s annual estimate of the number of woodland homes per County for 2011 is presented below in Table 4.8.. These are considered the populations and structures at highest risk.

Table 4.8. Number of Woodland Homes and Communities (VDOF, 2012)

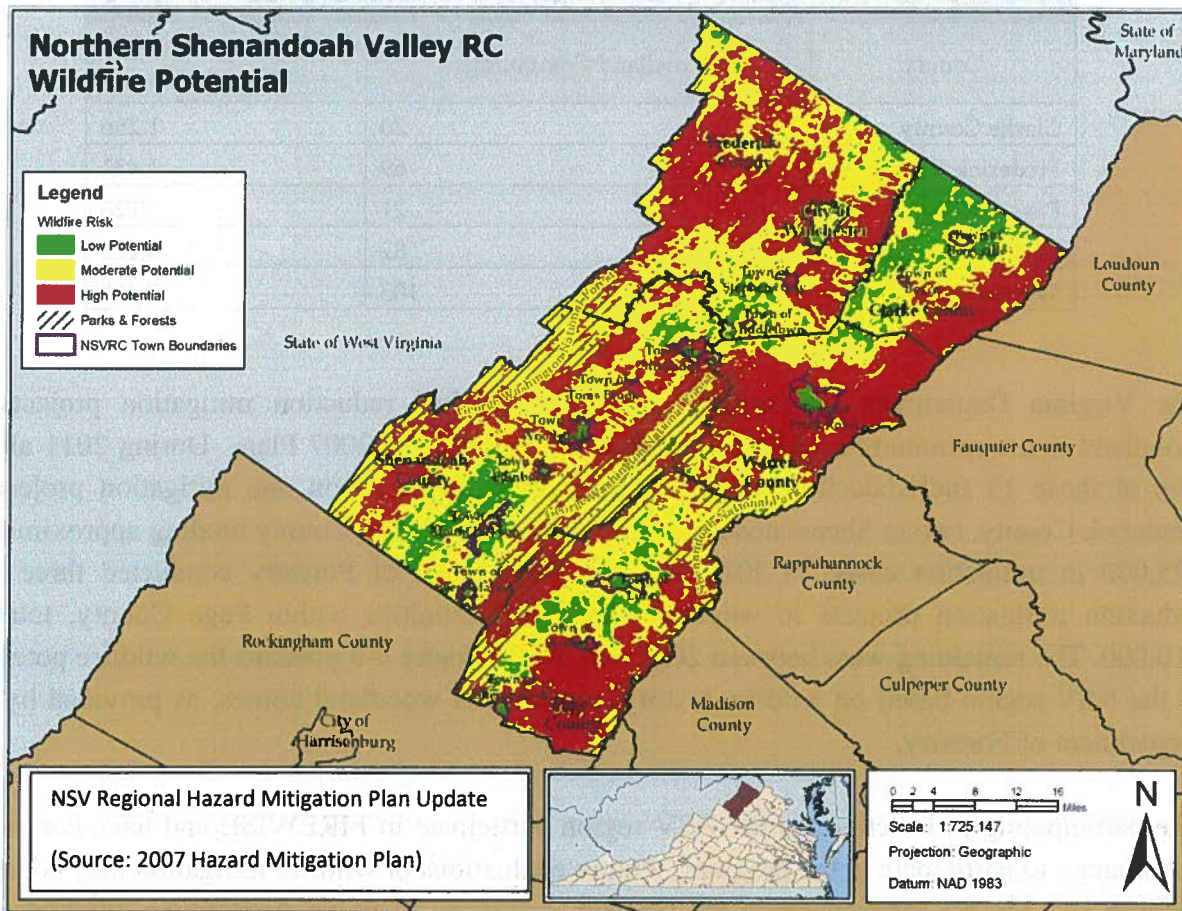
County	# Woodland Communities	Total number of Structures
Clarke County	20	1,256
Frederick County	69	1,431
Page County	21	728
Shenandoah County	82	3,255
Warren County	103	7,416

The Virginia Department of Forestry completed 13 fuel reduction mitigation projects in woodland home communities within the NSV region since the 2007 Plan. During 2011 alone, five of these 13 fuel reduction projects were completed based on one mitigation project in Frederick County, two in Shenandoah County, and two in Warren County totaling approximately \$25,000 in mitigation costs. In 2010, the VA Department of Forestry conducted three fuel reduction mitigation projects in woodland home communities within Page County, totaling \$10,000. The remaining were between 2007 and 2010. Figure 4-3 presents the wildfire potential in the NSV region based on wildfire history, forests, and woodland homes, as provided by the Department of Forestry.

The participating jurisdictions in the NSV region participate in FIREWISE and have continued the strategy to participate in the program. Future evaluations of wildfire mitigation may consider Schwab and Meck’s 2005 report to the Chicago American Planning Association “Planning for wildfires” (*Planning Advisory Service Report No. 529/530*. Chicago: American Planning Association.) The findings could be considered by land use planners in permitting future development in fire-prone areas and how best to design such developments to reduce the risk of damage and loss.

Overall the hazards listed in the 2012 update of this Plan remain the same as those ranking highest in the 2007 Regional Hazard Mitigation Plan. The results of this assessment remain the same as the 2007 due to the location of the critical facilities remaining static for those located in higher fire-risk areas between 2007 and 2012. Wildfires are usually started by human accidents or lightning. Since neither cause are predictable, the extent is considered to be the woodland communities in close proximity to the forests. It is worth noting that sequential years of drought can lead to environmental conditions that promote wildfires.

Figure 4-2 Wildfire Potential in the NSV Region



The highest at-risk populations and structures, as assessed in the 2007 Plan, is 89% of the region's woodland homes fall into the high potential for a wildfire. This is an extremely high percentage, meaning almost all of the woodland homes are at a wildfire risk. Warren and Clarke Counties have the highest relative percentage of homes in areas of high wildfire potential, with 100% and 99% of homes in the highest risk category due to proximity of woodland homes adjacent to forested areas. Frederick County has the third highest relative risk for wildfire with 85% of woodland homes at risk. Frederick County has a high percentage of critical facilities at risk to wildfire (47%) followed by Warren County (29%). Overall, a relatively low number of critical facilities in the NSV are at risk to wildfire (24%) events.

In Warren County, an estimated 59% of the County's population lives in areas classified as having high wildfire potential, followed by Frederick County with 52% of its population living in areas of high wildfire potential. Critical facilities in Frederick and Warren Counties have the highest percentage of critical facilities in the high wildfire potential category.

Drought and Extreme Heat

A drought can be characterized in several different ways depending on the impact. The most common form of drought is agricultural. Agricultural droughts are characterized by unusually dry conditions during the growing season. Meteorological drought is an extended period of time (i.e., six or more months) with precipitation less than 75 percent of the normal precipitation. The severity of droughts often depends on the community reliance on a specific water source. The probability of a drought is difficult to predict given the number of variables involved. As seen in the 2007 Plan, drought conditions appear at least once a decade in the region.

Many problems can arise after the onset of a drought, some of which include diminished water supplies and quality, livestock and wildlife become undernourished, crop damage, and possible wildfires. Secondary impacts from droughts pose problems to farmers with reductions in income, while food prices and lumber prices also could drastically increase. Since the 2007, the extreme drought and low water conditions have persisted in 2008 and again in 2012.

The impact of extreme heat is most prevalent in urban areas, where urban heat island effects prevent inner-city buildings from releasing heat built up during the daylight hours. Secondary impacts of excessive heat are severe strain on the electrical power system and potential brownouts or blackouts. According to the National Weather Service, July 2012 was the hottest July in 141 years of record. July 2012 tied 1980 for the most number of days of 95 degrees Fahrenheit, or higher, in any month, within 16 days. July 2012 also had the most number of days of 100 degrees or higher in any month followed by second highest number of over 100 degree days in 1930 (National Weather Service).

Below is a summary of drought categories and impacts. Notice that water restrictions start off as voluntary and then become mandatory. For excessive heat, the National Weather Service utilizes heat index thresholds as criteria for the issuance of heat advisories and excessive heat warnings.

Drought Severity Classification		
Category	Description	Possible Impacts
D0	Abnormally Dry	Going into drought: short-term dryness slowing planting, growth of crops or pastures; fire risk above average. Coming out of drought: some lingering water deficits; pastures or crops not fully recovered.
D1	Moderate Drought	Some damage to crops, pastures; fire risk high; streams, reservoirs, or wells low, some water shortages developing or imminent, voluntary water use restrictions requested
D2	Severe Drought	Crop or pasture losses likely; fire risk very high; water shortages common; water restrictions imposed
D3	Extreme Drought	Major crop/pasture losses; extreme fire danger; widespread water shortages or restrictions

Droughts and extreme heat are both conditions that are expected to affect the region equally, rather than community specific impacts. In assessing vulnerability it was assumed that areas with less than 25% of the population with private source water systems were assigned a high vulnerability ranking. When a drought occurs, these areas would likely feel a larger impact since most homes receive their water from wells, which are at greater risk of going dry during a drought. Municipalities with surface water withdrawals for source water (river intakes) are at risk for experiencing decreased water supplies during severe drought conditions; and localities using groundwater are also at risk to drought impacts. While those jurisdictions with surface water supply sources of water are immediately affected by drought conditions, extended drought conditions equally affect the municipalities that rely on groundwater wells for source water. The groundwater table can lag behind surface water elevations by three to six months, depending upon the severity of the drought. This phenomenon was documented in the 2011 Regional Water Supply Plan referencing drought impacts from 2002 affecting groundwater wells within a year from the surface water drops in elevation. All localities within this planning region are considered equally vulnerable to in decreased water elevations in response to a drought; however, those jurisdictions that have surface water intakes are considered to experience adverse impacts from a drought before localities on groundwater wells. In addition, the rural populations in the Counties that are not connected to municipal water are primarily reliant on groundwater wells, with less than one percent on cistern rainwater collections (Virginia Department of Health, 2012 estimate). The jurisdictions that have surface water intakes include the City of Winchester, Towns of Berryville, Front Royal, Middletown (through purchase from Winchester), Strasburg and Woodstock. The localities that rely on groundwater as municipal source water include: Clarke County, Town of Boyce, Page County, Town of Luray, Town of Shenandoah, Town of Stanley, Shenandoah County, Town of Edinburg, Town of Mt Jackson, Town of New Market,

Town of Toms Brook, and Warren County. In summary, all localities are anticipated to be impacted by drought equally, although those on surface water supplies are expected to be impacted before the remaining populations in the planning region. Communities at greatest risk for agricultural damage to crops in the event of drought and or extreme heat include Shenandoah County and Frederick County due to the 2007 Ag Census Data of crops produced. Both Page County and Shenandoah County are at the greatest risk to poultry mortalities due to extreme heat since these Counties have the highest number of poultry houses and slaughter houses. The impacts to grazing animals remains constant to the region as a whole, with all Counties at equal risk to extreme heat and drought impacts to grazing.

Severe Winter Storm

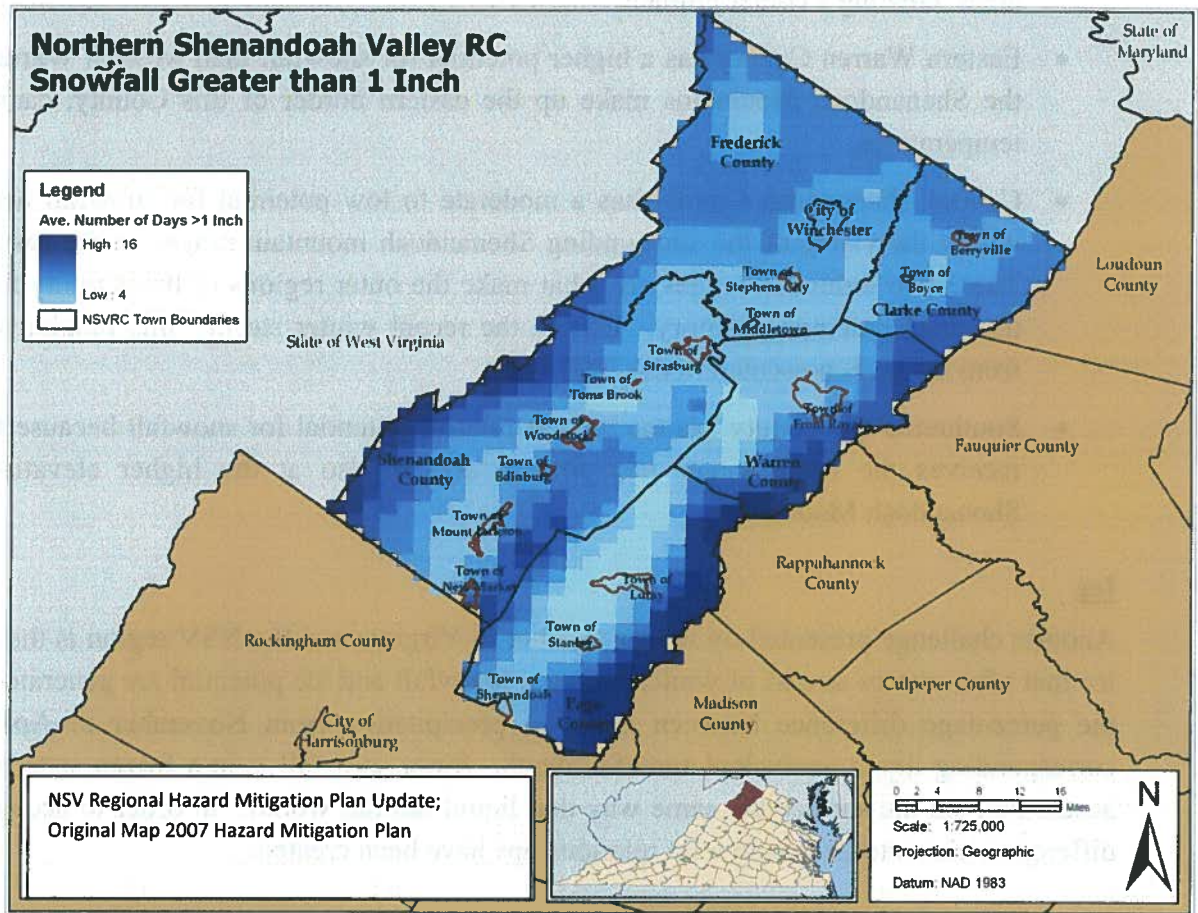
The primary impacts of winter storms are minimal in terms of property damage and long-term effects. The most notable impact from winter storms is the damage to power distribution networks and utilities. Severe winter storms have the potential to inhibit normal functions of the community. Governmental costs for this type of event are a result of the personnel and equipment needed for clearing streets. Private sector losses are attributed to lost work and lost sales when employees and customers are unable to travel. Homes and businesses suffer damage when electric service is interrupted for long periods of time. Health threats can become severe when frozen precipitation makes roadways and walkways very slippery, when there are prolonged power outages, or if fuel supplies are jeopardized. Occasionally, buildings may be damaged when snow loads exceed the design capacity of their roofs or when trees fall due to excessive snow or ice accumulation on branches. The primary impact of excessive cold is increased potential for frostbite and potentially death as a result of over-exposure to extreme cold. Some of the secondary effects presented by winter weather and extreme cold are danger to livestock and pets, and frozen water pipes in homes and businesses.

Winter storms can consist of a combination of heavy snowfall, high winds, ice and extreme cold. Winter weather typically impacts the state of Virginia between the months of November and April, with varied intensities from east to west. During the recent three years there were two Presidential Disasters declared due to winter storms. In order to create a statewide winter weather hazard potential map that captures this variability, gridded climate data was obtained from the Climate Source and through the VirginiaView program. The data was developed by the Oregon State University Spatial Climate Analysis Service (SCAS) using PRISM (Parameter-elevation Regressions on Independent Slopes Model) and presented in the 2007 Plan. The data presented on the mapping technique includes point weather station observation data, a digital elevation model, and other spatial data sets to generate gridded estimates of monthly, yearly, and event-based climatic parameters.

The winter weather risk assessment in this plan uses snowfall severity assessment because of the damage it can cause with road conditions. This assessment is based on monthly normal precipitation, mean annual days with snowfall greater than one inch, and mean monthly snowfall PRISM data to develop snow and ice potential maps for the state, which are extrapolated to the planning area. These datasets have been generated for the 2007 Plan to incorporate topographic effects on precipitation, capture orographic rain shadows, and include coastal and lake effect influences on precipitation and snowfall. The monthly precipitation grid provides a 30-year climatological average of total precipitation in inches. The mean monthly snowfall grid provides a 30-year climatological average depth of freshly fallen snow in inches. The mean annual days map reveals the 30-year average of the number of days that a location will receive greater than one inch of snowfall in a 24-hour period in a given year.

As set forth in the 2007 Plan, a criterion of greater than one inch was selected for winter snowfall severity assessment because this depth will result in complete road coverage that can create extremely dangerous driving conditions and will require removal by the local community. This amount of snowfall in a 24-hour period also can lead to business closure and school delays or cancellation. Figure 4-3 shows the average number of days with snowfall greater than one inch for the Northern Shenandoah region.

Figure 4-3 NSV Average Days of Snowfall >1 Inch



General trends determined for the NSV region include:

- Western portions of Frederick County have a moderate potential for snowfall in relation to the rest of the NSV region because this part of the County is at a higher elevation and temperatures are colder. Eastern Frederick County and the City of Winchester have a lower potential for significant snowfall because they are at a much lower elevation and are typically warmer.
- Southern and eastern Clarke County falls within the moderate category for snowfall because of the higher elevation Shenandoah mountain range that exists within these areas, creating a colder climate.
- Eastern Warren County has a higher potential for snowfall than western Warren because the Shenandoah Mountains make up the eastern border of this County, causing lower temperatures.
- Central Shenandoah County has a moderate to low potential for snowfall because it is within the valley of the surrounding Shenandoah mountain ranges to the east and west. These two mountain ranges are what make the outer regions of this County fall into the moderate potential category. Due to the recent winter storms, this ranking was raised from the level presented in the 2007 Plan.
- Southern Page County has the highest relative potential for snowfall because this region receives the most winter precipitation and is also at the higher elevations of the Shenandoah Mountains.

Ice

Another challenge presented by winter weather in Virginia and the NSV region is the amount of ice that often comes as part of winter weather. Snowfall and ice potential are generated based on the percentage difference between the total precipitation from November to April and the corresponding liquid equivalent snowfall depth. Since snowfall is in a frozen state, it does not accumulate on the surface the same way that liquid rainfall would. In order to account for this difference, characteristic snow/rain relationships have been created.

For example, a value of 1 would mean that all of the precipitation at the location falls as liquid rainfall, while a value of 0.5 would mean that half of the precipitation falls as liquid rainfall and half falls as frozen precipitation. It is assumed that the lower this percentage, the greater potential that precipitation within these months is falling as snow. The values in the middle of the two extremes would represent regions that favor ice conditions over rain and snow. A five quantile distribution was applied to the output statewide grid to split the percentages into five characteristic climatological winter weather categories (snow, snow/ice, ice, rain/ice, and rain).

Figure 4-4 shows the statewide winter weather map and Figure 4-5 shows the NSV regional winter weather map. As depicted on Figure 4-6, there is a small pocket of snow/ice mixture centered around the Town of Stanley and to the west of the Town of Luray. The data for the 2007 maps was evaluated and results remain the same with pockets of intense ice around Stanley and Luray. Ice potential is low throughout the NSV because this region of the state has a drier climate from November to March and because mean daily temperatures hover around 32° F during this same time period. This combination of drier climate and colder temperatures makes it difficult for significant ice storms to develop in the region.

Figure 4-4 Statewide Winter Weather Map (Source: 2007 Hazard Mitigation Plan, Dewberry)

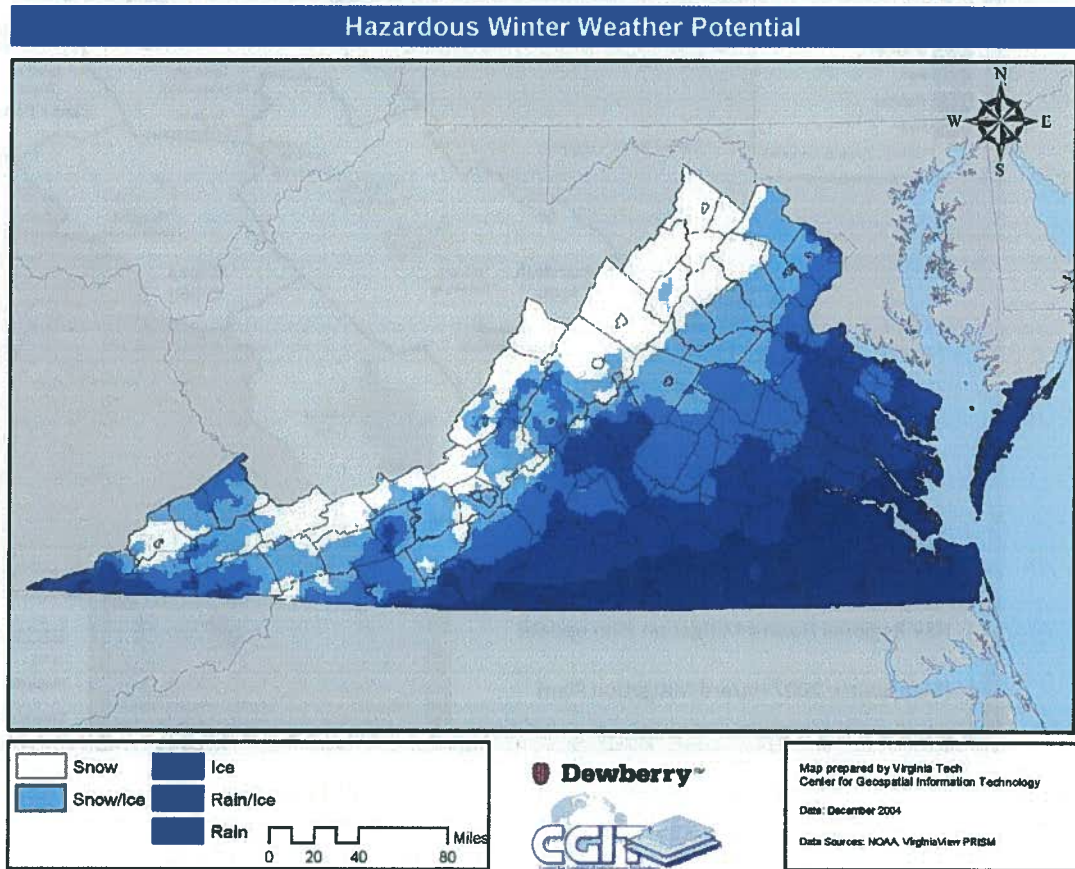


Figure 4-5: NSV Regional Winter Weather Map

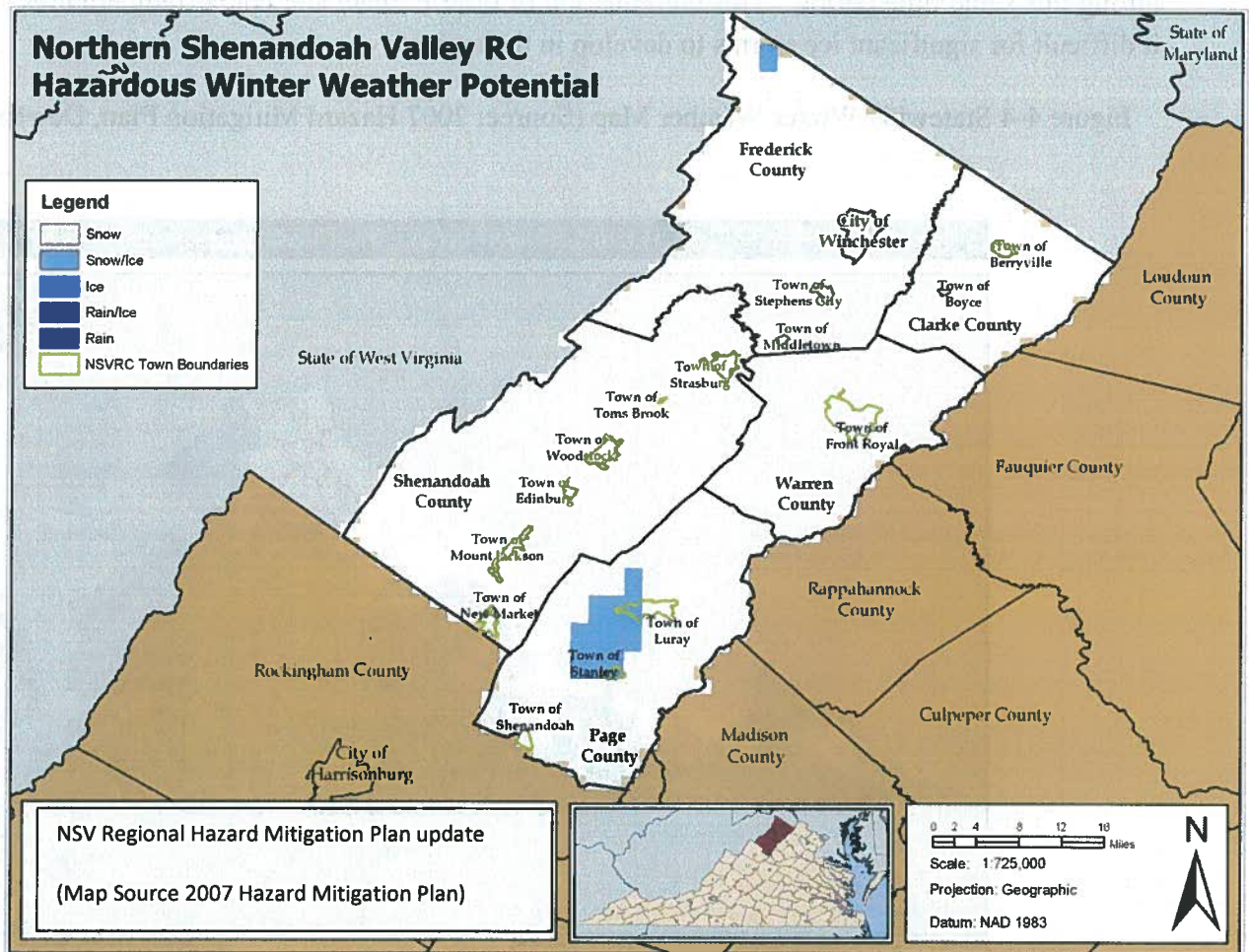
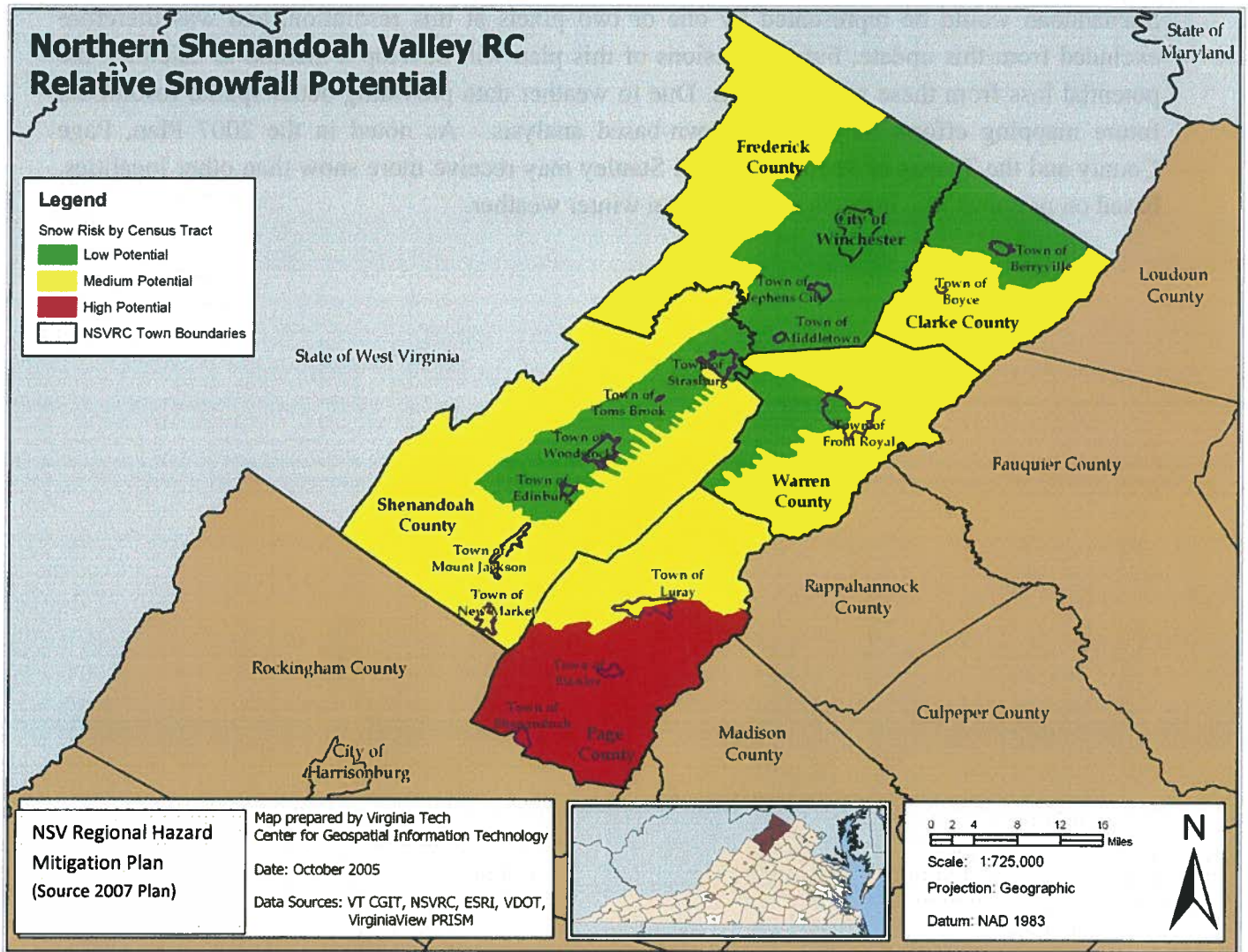


Figure 4-6: Relative Snowfall in the NSV Region (Source: 2007 Plan)



The entire region is at risk for winter weather and ice potential although specific localities are at higher degrees of impact, as presented above. The 2007 Plan presented the vulnerability of winter storm and ice risk by assigning a high risk to those census blocks within the regions with the greatest potential for snowy days (> 1 inch of snow) or ice. Division into high, medium and low were based on the levels predicted from potential maps. Chapter 3 and Table 4-8, below, present the population affected by the overall snowfall and ice risks. Previous winter weather mapping resolution did not support accurate Town-based analysis, since most Towns in Northern Shenandoah would be represented by one or two pixels at this resolution, and was therefore excluded from this update. Future revisions of this plan will develop a method to calculate the potential loss from these winter storms. Due to weather data providing better spatial resolution, future mapping efforts may depict Town-based analysis. As noted in the 2007 Plan, Page County and the Towns of Shenandoah and Stanley may receive more snow than other localities, based on previous loss impacts reported from winter weather.

Table 4-8. Northern Shenandoah Population Snowfall Relative Risk (from 2010 Census, Modified from 2007 Plan)				
Community	Low	Medium	High	Total
Clarke County	9,262	6,035	0	14,034
*Town of Berryville	4,185	0	0	4,185
*Town of Boyce	0	589	0	589
Frederick County	64,993	13,312	0	78,305
*Town of Middletown	1,261	0	0	1,261
*Town of Stephens City	1,825	0	0	1,825
Page County	0	6,732	17,310	24,042
*Town of Luray	0	3,671	1,224	4,895
*Town of Stanley	0	0	1,422	1,422
*Town of Shenandoah	0	0	2,373	2,373
Shenandoah County	25,196	16,797	0	41,993
*Town of Edinburg	1,050	0	0	1,050
*Town of Mount Jackson	0	2,368	0	2,368
*Town of New Market	0	2,570	0	2,570
*Town of Strasburg	7,660	0	0	7,660
*Town of Toms Brook	252	0	0	252
*Town of Woodstock	6,097	0	0	6,097
Warren County	17,848	19,915	0	37,575
*Town of Front Royal	9,819	4,621	0	14,440
City of Winchester	26,203	0	0	26,203

*Denotes Town values that are also included in totals for the respective County

Table 4-9. Northern Shenandoah Population Ice Relative Risk (from 2010 Census)				
Community	Low	Medium	High	TOTAL
Clarke County	14,034	0	0	14,034
<i>*Town of Berryville</i>	4,185	0	0	4,185
<i>*Town of Boyce</i>	589	0	0	589
Frederick County	78,305	0	0	78,305
<i>*Town of Middletown</i>	1,261	0	0	1,261
<i>*Town of Stephens City</i>	1,825	0	0	1,825
Page County	24,042	0	0	24,042
<i>*Town of Luray</i>	4,974	0	0	4,974
<i>*Town of Stanley</i>	2,161	0	0	2,161
<i>*Town of Shenandoah</i>	1,532	0	0	1,532
Shenandoah County	41,993	0	0	41,993
<i>*Town of Edinburg</i>	1,050	0	0	1,050
<i>*Town of Mount Jackson</i>	2,368	0	0	2,368
<i>*Town of New Market</i>	2,570	0	0	2,570
<i>*Town of Strasburg</i>	7,660	0	0	7,660
<i>*Town of Toms Brook</i>	252	0	0	252
<i>*Town of Woodstock</i>	6,097	0	0	6,097
Warren County	37,575	0	0	37,575
<i>*Town of Front Royal</i>	14,440	0	0	14,440
City of Winchester	26,203	0	0	26,203
*Denotes Town values that are also included in totals for the respective County				

Erosion

Erosion vulnerability for the region is difficult to determine because there are no historical records for previous occurrences of erosion events. Vulnerability is limited to areas along rivers, creeks and streams to areas of steep slopes. Future updates to this Plan will attempt to address erosion vulnerability in greater detail.

Dam Failure

There are three Federal Energy Regulatory Commission licensed dams located within the planning region. In addition, there are numerous agricultural and other privately-owned dams. The Department of Conservation and Recreation (DCR) has hired an engineering firm to modify

and improve the spillway for the Stoney Creek dam at Lake Laura in Shenandoah County. The downstream populations that were at risk from that dam are considered to be remediated with the completion of the spillway modification. The downstream impacts to structures, property and populations is not available for analysis at this time from the existing dams. DCR is conducting an inventory of the dams in Virginia and will be providing an assessment of the dam condition. This data will go into their new website that will be used to calculate downstream populations and areas that could be impacted in the event of a dam failure. DCR issued a press release in June 2012 that it will partner with North Carolina's existing dam safety website. North Carolina's website is recognized as one of the best flood mapping and dam programs in the nation. The site will soon display Virginia flood maps, models, and data on flood hazards and risk for use by citizens, floodplain managers, emergency planners and responders. The Virginia data is due to appear on the website by "late-summer 2012"; however, no data was online at the time of this Plan update. The website will allow users to estimate flood damage and costs to properties from various storms on an individual and community-wide basis. The data will be used to support and prioritize mitigation actions and to increase education about hazard mitigation options to reduce flood danger and losses. Local governments, responsible for enforcing floodplain ordinances to enable their citizens to qualify for National Flood Insurance, will benefit from the statewide accessibility of digital maps and data. Local and state emergency responders also will benefit from easy access to this information to better protect lives and property. DCR is currently finalizing their 2010 hazard potential policy providing guidance to calculate the "Dam break inundation zone" or that area downstream of a dam that would be inundated or otherwise directly affected by the failure of a dam. The NSVRC staff contacted DCR for a full assessment of all dams in the planning region; however, no data was made available in time for incorporation into this Plan update. Future updates of this Plan may include data from DCR dam evaluations and the new DCR website

Earthquake

An earthquake is the shaking of the ground's surface caused by movements of the plates beneath it. Though there have been historical occurrences of earthquakes that have affected the area, the probability and impact is low. According to the 2007 Plan and State data, the region's risk to earthquakes can be considered limited; however, the risk of potential losses should a significant earthquake event occur—for example an earthquake registering 8.5 on the Richter Scale—is considered to be moderate. The vulnerability analysis was considered to be equal for the entire planning region, since there is no precise location nor prediction of where and to what extent an earthquake may occur, therefore, the total dollar exposure figure of \$2,460,591,521 for buildings and facilities within the region is considered to be exposed and could potentially be impacted. The total planning region population of 222,152 (2010 Census) is considered to be affected as well in the event of an earthquake. The 2011 earthquake in Virginia affected several localities; however, the data for damages was not tallied at the time of compilation of this Plan update. In

future iterations of the Plan updates with losses from the earthquake will be included as available. Most of the steering committee indicated there were earthquake losses experienced throughout the region; however, most localities did not estimate or quantify the damages. Earthquakes are tracked at FEMA by the National Earthquake Hazards Reduction Program. Future updates of this Plan may include updates from FEMA's earthquake management team to help NSV communities be more disaster resistant to earthquake impacts in the future. Overall this ranking was very low for likelihood of occurrence.

Karst

According to a Virginia Polytechnic Institute and State University research on natural hazard mitigation planning in karst areas in Virginia, it is recommended urban and land use planning develop hazard mitigation strategies for the following three most common karst natural hazards in Virginia (<http://scholar.lib.vt.edu/theses/available/etd-05222003-230312/unrestricted/etd.pdf>):

- sinkhole subsidence,
- sinkhole flooding, and
- groundwater contamination.

A sinkhole is a localized land subsidence, generally a funnel-shaped or steep-sided depression, caused by the dissolution of underlying carbonate rocks such as limestone and dolomite. The dissolution can connect to a subterranean passage, cavity, or cave. Sinkhole subsidence in developed areas cause costly damage to private property and community infrastructure and occasionally threatens human lives. Sinkholes regularly form along the I-81 corridor in Virginia. In March 2001, three sinkholes immediately appeared in Augusta County along I-81 and resulted in interstate closure of a nine mile stretch for remediation. VDOT indicated the largest of the sinkholes measured 20-feet long, 11-feet wide, and 22-feet. In 1992, a Clarke County, home collapsed into a sinkhole that formed underneath its basement soon after drilling a new well on the property.

Sinkhole flooding in karst terrain is part of the natural karst hydrologic system. Rivers, streams, and wetlands accept floodwaters and allow slow release into adjacent downstream areas. Likewise, sinkhole floodplains store floodwater until the natural drainage system accepts the excess runoff. However, many land planners and local governments are less familiar with sinkhole flooding and sinkhole floodplains because they do not occur along obvious flood prone areas like perennial stream courses. In addition, land use managers and planners often underestimate the actual extent of sinkhole floodplains. In 2011, the DMME prepared a map of karst features including sinkholes. The NSVRC staff issued the karst map to all local government planning staff as well as to the regional Bay TMDL program and DCR state agency staff. A regional strategy in this Plan update includes increasing raised awareness of the DMME karst map. In addition to floodwaters, urban development exacerbates sinkhole flooding due to

increased conveyance of channelized waters resulting from changes in the natural drainage patterns of the landscape. The increased quantities and velocities of stormwater runoff due to increased impervious surface clog sinkholes with eroded sediment, debris, and/or trash and increase the extent and frequency of sinkhole flooding in urban areas. By raising awareness to local governments the locations of known sinkhole and karst floodplains, a locality can consider limiting development in sinkhole floodplains, urban and rural communities minimize structural damage to buildings and community infrastructure, and help limit groundwater contamination. In February 2012, the Counties of the NSV region adopted a regional watershed implementation plan that included use of the DMME karst map for future planning efforts.

Karst aquifers rapidly and directly convey large quantities of water throughout karst areas, thereby increasing the vulnerability of the groundwater quality to surface contamination. In karst areas, the groundwater is prone to contamination from land use activities due to the rapid and direct interconnections between the surface and groundwater. Groundwater velocities in karst aquifers are very rapid with velocities of feet to miles per day, leaving little time for infiltration and contaminant removal by percolating through soils. In the Town of Stanley in Page County, the municipality is considering the adoption of an ordinance that prohibits certain land use activities in the karst areas surrounding the local groundwater wells supplying the Town. In general, throughout the region, the areas along the Valley floor are most prone to impacts from land subsidence or a sinkhole.

Landslides

As presented in the 2007 Plan, the areas with the steepest slopes are most prone to impacts from landslides. Future updates to this Plan will quantify impacts to Page County slopes and be used as a model for similar adjacent topographic communities. Several communities have steep slope ordinances which prohibit or limit development on steep slopes. The populations located in jurisdictions with steep slope ordinances are at less of a risk including Clarke County, Town of Front Royal, Shenandoah County, and Frederick County (through a TDR program).

Overall

Future updates to this Plan will address trends as data is available from jurisdictions reflecting new development, projects, and or any population changes which exceed those listed in locality comprehensive plans at the time of this Plan update and the 2011 Regional Northern Shenandoah Water Supply Plan. Locality specific projects and development in areas prone to hazards were evaluated since the 2007 plan and updated herein. The updated developments are reflected within the natural hazard sections and listed in the vulnerability analysis. Where data was not available,

the localities will provide updates annually in survey to ensure the Plan is current reflecting development trends and projects in hazard prone areas.

Chapter 5: Capability Assessment

Capability is the capacity to carry out projects and policies designed to reduce future impacts from hazards. This includes the resiliency of the locality to respond to a hazard as well as resources and political will to implement policies and programs to strengthen hazard mitigation actions and implement strategies identified in this Plan. The NSV region's capability assessment was conducted to identify the ability and capacity of participating localities to develop and implement the full suite of hazard mitigation strategies. Outcomes of this assessment are to establish policies and programs, implemented through various projects and actions that reduce future impacts from hazards. The capability assessment determines the feasibility of achieving goals and strategies set forth in this Plan, based on the political and organizational structure of the localities, agencies, and departments responsible for implementation of the policies and programs.

The capability assessment was conducted through a review and inventory of the following from each locality in the planning region: relevant ordinances, comprehensive plans, capital improvement programs, and other programs and policies to identify strengths and weaknesses that might preclude the implementation of hazard mitigation actions and goals. The results of the inventory were reviewed and evaluated to make a determination on the sufficiency of jurisdiction's resources to implement effective hazard mitigation and its resiliency to respond to current and anticipated hazards. In addition, beneficial programs were noted for continued support and enhancement. This is particularly noteworthy with the regional collaborative nature that has been demonstrated among emergency response coordinators in the NSV region in emergency response and hazard mitigation efforts.

The capability assessment helped drive and refine the appropriate mitigation actions identified in this Plan, and provide a roadmap for strengthening the capacity to implement the mitigation strategies to ensure the Hazard Mitigation goals listed in this Plan are realistically achieved.

For the 2012 plan update, the Hazard Mitigation Committee and NSVRC staff reviewed and revised the inventory of local plans, regulations and ordinances developed in the 2007 Hazard Mitigation Plan. These include but were not limited to existing local plans, policies, programs or ordinances that contribute to and/or hinder the community's ability to implement hazard mitigation actions. Other indicators included information related to each jurisdiction's fiscal, administrative and technical capabilities such as access to local budgetary and personnel resources for mitigation purposes. Factors that influenced capacity assessment were based on reviews of plans, codes, and staff, as summarized below.

NSV Regional Capacity in Plans						
#	Jurisdiction Name	Comprehensive Plan	EOP	Staff Resources	CIP	Municipal Code
1	Clarke County	X	X	Staff, Planning, Emergency Management, Zoning, Stormwater	CIP, Budget	X
2	Town of Berryville		Through County	Staff Planning & zoning, Emergency Management	Budget	x
3	Town of Boyce	X	Through County	Limited	Budget	X
4	Frederick County	X	X	Staff, Planning, Emergency Management, Zoning, Stormwater	CIP, Budget	X
5	Town of Middletown		Through County	Clerk, Zoning, Limited Staff	Budget	X
6	Town of Stephens City	X	Through County	Staff of Planner	Budget	X
7	Page County	X	X	Emergency Management Staff	Budget	X
8	Town of Luray	X (Town Plan)	Through County	Planning, Zoning, Assistant town manager	Budget	X
9	Town of Shenandoah	Economic Development Plan	Through County	Staff	Budget and Revitalization Fund	X
10	Town of Stanley		Through County	Emergency Management Staff	Budget	X
11	Shenandoah County	X	x	Emergency Management, Stormwater, planning and Zoning	CIP, Budget	X
12	Town of Edinburg		Through County	Staff	Budget	X
13	Town of Mount Jackson		Through County	Staff	Budget	X
14	X	x	Emergency Management, Stormwater, planning and Zoning	CIP, Budget	X	X
15	Town of Strasburg		Through County	Staff	Budget	X

16	Town of Toms Brook		Through County	Limited, Staff planning through NSVRC	Budget	X
17	Town of Woodstock		Through County	Staff	Budget	X
18	Warren County	X	x	Emergency Management, Stormwater, planning and Zoning	CIP, Budget	X
19	Town of Front Royal	X	x	Emergency Management also through County, Stormwater, planning and Zoning	CIP, Budget	X
20	City of Winchester	X	x	Emergency Management, Stormwater, planning and Zoning	CIP, Budget	X

Participating jurisdictions were also given the opportunity to provide additional information for the capability assessment through meetings convened to discuss needs and abilities to carry out the proposed goals. Inquiries to localities prompted discussion and identification of a locality’s regulatory capabilities, staff (administrative and technical resources), fiscal resources, the resiliency and capacity to respond to hazards and implement new policies and programs and overall local governments political will implement the mitigation actions based on NSVRC experience from other regional and local planning programs.

The results are presented in five groups of capability to implement including: emergency management; floodplain management; fiscal capability; staff resources; and planning and regulatory capability.

Emergency management

Various plans including the Emergency Operational Plans (EOPs), pandemic flu response plans, 2007 Hazard Mitigation Plan, fire codes, and other plans and codes were reviewed. This included detailed responsibilities and procedures to be followed to deploy resources in response to an emergency, disaster, or hazard. Each of the five Counties and the City maintain and implement their own EOP. In many cases the Towns are included in the EOPs for the Counties in which they are located; this is the case in part throughout the region and in full for Shenandoah County and its six Towns and also for Clarke County and its two Towns. Overall findings in this assessment are that each jurisdiction, either through its overarching County, or individually, has sufficient capabilities in emergency management. Areas for improvement (such as warning systems, etc., are noted in mitigation strategies).

Floodplain management

Existing plans, ordinances and programs were evaluated including national flood insurance programs (NFIP) such as the Community Rating System (CRS), flood overlay protective districts (and ordinances), wetland protection plans, and other flood damage prevention ordinances. Locality and regional participation in the CRS is voluntary. Any community that is in full compliance with the rules and regulations of the NFIP may apply to FEMA for a CRS rating and through participation receive flood insurance premium rates discounted in increments of 5% according to CRS class designation. The CRS classes for local communities are based on 18 creditable activities, organized under four categories of public information; mapping and regulations; flood damage reduction; and flood preparedness. This capability area was considered sufficient with respect to the presence of an active regional floodplain manager although there were areas identified to improve the capacities based on findings from this assessment including a community rating system and reduction in the number of houses on the repetitive properties list. There are currently no localities in the NSV planning region that are enrolled in the CRS program; however, efforts are underway to initiate the CRS program in the region. The need for a regional or local enrollment in the CRS was included in the regional mitigation strategies as an outcome of this assessment. The September 2012 steering committee hosted the Virginia CRS locality representative for the committee to consider CRS membership as a region and how to best advance recommendations to the planning staff of the localities.

The recent stormwater regulatory program, being administered through the VA Department of Conservation and Recreation, mandates each locality have an adopted stormwater program and ordinance by July 2014. In 2012, the Counties and the City commenced developing a draft stormwater ordinance for their Council and Board consideration in 2013. Regionally, localities are initiating efforts to develop policies and programs to implement a stormwater program to conform to state code. This ongoing effort will enhance the local and regional capability of floodplain management.

Another area of weakness in capability assessment finding under the category of floodplains is the quantity of repetitive loss properties and a mechanism to raise awareness to localities about opportunities to elevate, dry floodproof, or relocate and acquire such properties. Additional steps needed were identified to help localities with better understanding opportunities to reduce the list of repetitive loss properties. This area for enhancement is reflected in a regional strategy to reduce repetitive loss properties through abatement or acquisition.

Fiscal capability

Capital Improvement Plans were inventoried, and comprehensive land use plans and other plans were evaluated. Public funds invested in hazard mitigation improvements to the benefit of life and property within the region are important components of capability. In addition, having the resources to assert the priority projects and programs for capital improvements and the staff

needed to obtain funding to implement these projects are also critical. Results of the capability assessment indicated a need for increased fiscal resources dedicated to implement the hazard mitigation strategies. This Plan serves as a roadmap for localities to use to identify projects when funding opportunities become available. The Plan Maintenance section of this Hazard Mitigation Plan provides localities and NSVRC with a framework to evaluate progress on strategy implementation of hazard mitigation strategies and advancement of projects for grant funding.

Staff resources

This included a review of in-house staff for administrative and technical support. Findings from this assessment indicated a need for additional administrative and technical staff for some localities. Most localities in the region have one or more designated emergency service managers with clearly defined responsibilities. In Shenandoah and Page Counties the regional emergency manager assumes the responsibility for the Towns located within the County, where Town staff is limited. Where localities are limited in staff resources, NSVRC or other service providers offer support to help these localities meet the letter and spirit of the hazard mitigation goals and strategies. For example, the Town of Toms Brook had a planning consultant to assist the Town. In July 2012, this role was assumed by the NSVRC staff in the preparation of a comprehensive land use plan and to provide additional planning services to the Town. Based on regional support, this capability was considered sufficient. A regional strategy in the future could be identification and pursuit of planning grant funding opportunities to support additional hazard mitigation planning efforts of the localities in the region. This type of strategy could enhance the capability of staff resources.

Planning and Regulatory Capability

Planning and regulatory capability is demonstrated by the development and implementation of plans, ordinances, programs, and policies by a locality that reflects commitment to responsible growth and land management with a clear focus on community safety and welfare. Along with effective land use and transportation planning, capability is expressed by the presence and enforcement of comprehensive zoning and subdivision ordinances and building codes, as well as effective emergency response, and mitigation planning. In addition, protection of environmental resources demonstrates capability to improve resiliency of the natural resources to recover from hazards. This assessment included an overview of the key planning and regulatory tools and programs in place, or currently underway, in the jurisdiction and throughout the region. This capability was determined sufficient in terms of the presence of planning tools with the exception of several Towns lacking a comprehensive land use plan. The staff resource category findings and recommended strategies for increased planning support for all localities through application of additional planning grants could facilitate this capability to be uniformly strong throughout the region.

Other areas identified to improve or enhance capabilities through planning and regulations are ensuring continuity and coordination of hazard mitigation strategies with other regional and local plans and programs. For example, localities could include a strategy to ensure plan consistency between hazard mitigation strategies and other planning efforts such as community development plans covering property acquisition or violation abatement; bridge improvements in transportation programs; and stormwater detention basin upgrades under the Bay TMDL watershed implementation plan.

Along with identifying potential effects on loss reduction, this information will help determine opportunities to address existing gaps, weaknesses or conflicts among existing strategies and will facilitate integrating this plan with existing planning mechanisms. The plans and ordinances reviewed include: disaster recovery plans, comprehensive land use plans, stormwater management plans, fire codes, building codes, historic preservation plan, zoning ordinances, building codes, and subdivision codes. This portion of the assessment aggregated the result from all five groups to help identify the capabilities within the planning region.

Overall the assessment resulted in the identification of these areas for improvement:

- continue to encourage and enhance regional and local emergency management;
- update database gaps in floodplain maps and encourage floodplain management through policies and projects;
- improve fiscal capability and implement mitigation strategies identified in this Plan to fund when grant opportunities arise;
- increase local staff resources either at the local level and through regional support; and,
- develop (continue to develop) a comprehensive planning and regulatory program in each locality to improve capability.

Chapter 6: Mitigation Strategies

This mandated portion of the Plan provides localities with the platform from which to identify actions and programs to implement to reduce impacts of identified hazards. Based on the findings of the Hazard Identification and Risk Assessment (Chapter 4) and the Capability Assessment (Chapter 5), this Chapter includes the mission statement, goals and actions. Components of the Mitigation Strategy include:

- Mitigation Goals
- Identification and Analysis of Mitigation Measures
- Mitigation Action SubPlan

This NSV Regional Hazard Mitigation Plan 2012 update includes a review of hazards and focuses policies, programs, and projects that will reduce future impacts from hazards while achieving compatible economic, environmental, and socio-political goals. In addition, the Mitigation Action SubPlan subsection herein identifies policies, projects, responsible entities and agencies to reduce effects from hazards and protect life and property. In addition, funding sources are identified as information is available. The Mitigation Action SubPlan is a sub-plan within this Plan and includes a spreadsheet format in the 2007 NSV Regional Hazard Mitigation Plan and lists specific strategies and projects, including descriptions, those responsible for implementation, potential funding sources, and estimated completion dates. This format provides a comprehensive checklist that can be used as a monitoring tool and ready reference of proposed policies and projects. Each hazard type (flooding, winter storm, nonrotational wind, etc.) was evaluated by localities in terms of impacts, ability to recover, capacity to respond to and potential to mitigate effects of (see results presented in previous chapters of this Plan) each hazard while meeting the goals listed below.

Once and strategies were identified, similar ones were aggregated and applied to the region. Below is the approach to provide the framework for the strategy identification process. Following the mission statement and goals, this chapter provides a summary of the local and regional strategies. The mitigation strategies with tracking information are provided in the strategy section.

These mitigation strategies were collaboratively prepared by the steering committee and individual jurisdictions using the strategies from the 2007 Plan, the State Hazard Mitigation Plan, and experience and desires of the planning team. These mitigation strategies provide the participating jurisdictions' blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs, and resources, and ability to expand on and improve these existing tools. A thorough review was conducted of all jurisdictional comprehensive plans, budgets, and working knowledge of staff resources, to assess the capacity to implement the strategies. Interviews were conducted with jurisdictions' staff

involved in local planning, public works, and emergency management in order to assess the feasibility of a mitigation strategy and identify the best means to implement it. Reviews of jurisdictional budgets, comprehensive plans, building codes, and ordinances were likewise consulted in this Plan update.

The value of the strategies is to also provide an outline for a jurisdiction to apply for funds to implement strategies and thereby reduce impacts from natural disasters. The annual review of the Plan and evaluation of strategies will be updated and revised as the jurisdiction and planning team determine needed. In addition, a series of goals were identified in the 2007 Plan and revised and updated herein to help implement the mitigation strategies and reduce or avoid long-term vulnerabilities to the natural hazards identified.

This Plan includes a section dedicated to a Mitigation Action SubPlan that adheres to conventional planning with a mission statement, goals, and mitigation actions to reduce the impacts of future hazard events. The Hazard Mitigation Steering Committee worked with NSVRC staff to guide the process. NSVRC staff held a series of meetings with localities (County-Town meetings) to facilitate the identification of key priority projects and policies to reduce impacts to life and property from hazards. The Steering Committee reviewed and helped develop regional preferences from the prioritized actions (policies, programs, and projects).

Each step in the Mitigation Action SubPlan provides a clearly defined set of policies and projects based on a rational framework for action. The components of the planning framework are as follows: mission statement, goals to meet the mission statement, strategies to implement the goals through policies, programs, and projects. The result is prioritized list of policies, programs, and projects, including contacts responsible for implementation, estimated completion date, and potential funding source(s).

The mission statement is:

To reduce the physical and economic impacts from natural hazards on the local governments located within the NSV region to the benefit of life and property.

The goals to achieve this mission statement provide a framework for the manifestation of the mission statement through policies, programs, and projects. These goals were identified using planning process identified in Chapter 2 of this Plan. These general hazard mitigation goals are broad policy statements that reflect what the jurisdictions seek to accomplish through implementation of the mitigation plan and strategies. The goals are tied directly to reducing the impacts of the hazards identified in this Plan update.

- Goal #1: Minimize flood-related deaths and losses of existing and future structures.

- Goal #2: Improve and update data needed for hazard mitigation efforts within the NSV Region for localities.
- Goal #3: Implement policies that incorporate mitigation planning into the framework of local government in the NSV Region to enhance hazard mitigation.
- Goal #4: Identify, prioritize, and implement (a list of) cost effective structural projects throughout the region to reduce the impact of hazards identified in this Plan update and future disaster events.
- Goal #5: Offer hazard mitigation and disaster preparedness training to educate local staff and raise public awareness.
- Goal #6: Develop educational outreach projects throughout the region to educate the public about the dangers of natural hazards and create a page on the NSVregion.org website for localities and the public.

Based on the goals listed above, the following types of actions were identified. These actions will form the basis for the strategies. These actions have been identified to implement the strategies and achieve the goals in this Plan. These actions include project-specific actions to reduce the effects of hazards and reduce impacts to life and property (both existing and planned buildings and infrastructure). In addition, the problem spots identified in the 2007 Plan were reviewed and considered during the identification of the actions in order to ensure minimizing and or reducing those previously identified “problem spots” as well as for the overall improved resiliency of a jurisdiction to a natural hazard. As presented in the FEMA guidance: mitigation ‘actions and projects means a hazard mitigation action, activity or process (for example, adopting a building code) or it can be a physical project (for example, elevating structures or retrofitting critical infrastructure) designed to reduce or eliminate the long term risks from hazards. This can be met with either actions or projects, or a combination of actions and projects.’ Strategies, or actions, were developed as a logical extension of the plan’s goals. Most of these actions are dynamic and can change. The actions were prioritized for each jurisdiction based on past damages, existing exposure to risk, other community goals, and weaknesses identified by the local government capability assessments. The priorities differ somewhat from jurisdiction to jurisdiction. These actions have been organized into a Mitigation Action Plan for each participating jurisdiction.

The following actions form the basis for the development of mitigation strategies and individual Mitigation Action Plans for each jurisdiction. These goals and actions apply to the region and the individual jurisdictions.

A. Community Awareness

- A.1. Encourage leadership within the public and private sector organizations to prioritize and implement local, County, and regional hazard mitigation activities as a public value.

- A.2. Establish cooperative relationships between the public, private, and non-profit sectors to enhance our preparedness, response, recovery, and mitigation for hazard events.
- A.3. Support pre-disaster mitigation and remedial efforts, should damage from a natural hazard event occur.
- A.4. Introduce hazard awareness and risk reduction principles into the community's daily activities, processes, and functions.
- A.5. Develop and implement education and outreach programs to increase public awareness of the risks associated with natural and manmade hazards.
- A.6. Improve community education and communication as they relate to disaster.

B. Local Capacity

- B.1. Assess the extent of our vulnerability to natural and man-made environmental hazards.
- B.2. Enhance the capabilities of local government to lessen the impacts of future disasters.
- B.3. Improve hazard assessment information to make recommendation to discourage new development (and encourage preventative measures for existing development) in areas vulnerable to natural and man-made hazards.
- B.4. Leverage additional federal, non-federal, and state resources in meeting natural disaster resistance goals.
- B.5. Encourage scientific study of natural and man-made hazards and the development of data to support mitigation strategies for those hazards that are a threat to the region and localities within.

C. Property Protection

- C.1. Minimize the impact of natural and man-made hazards on property with the region and localities within and promote future disaster resistant development.
- C.2. Protect new and existing public and private infrastructure and facilities from the effects of natural and man-made hazards.
- C.3. Reduce damage to personal and public property including critical facilities.
- C.4. Identify and protect critical services, buildings, facilities and infrastructure at risk to natural and man-made hazards and undertake cost-effective mitigation measures.

D. Public Safety

- D.1. Enhance the safety of residents and businesses by protecting new and existing development from the effects of natural and man-made hazards through efficient policies and procedures.
- D.2. Ensure public health and safety within the region and localities within before, during, and following hazardous events.
- D.3. Protect the citizens to the best of our abilities from natural and man-made environmental hazards to reduce the loss of life and personal injury.

D.4. Create coordinated regional emergency response criteria to establish services through the use of federal, state, regional and local resources utilizing a regional reciprocating agreement.

Mitigation Alternatives

The results of the Hazard Identification and Risk Assessment and the 2007 Plan resulted in the generation of a range of potential mitigation goals and actions to address the hazards. A range of acceptable alternatives were then identified and provided to the steering committee and local jurisdictions during the identification of strategies and consideration of alternatives. When deciding on which strategies should receive priority in implementation, the communities considered:

- Time – Can the strategy be implemented quickly?
- Ease to implement – How easy is the strategy to implement? Will it require many financial or staff resources?
- Effectiveness – Will the strategy be highly effective in reducing risk?
- Lifespan – How long will the effects of the strategy be in place?
- Hazards – Does the strategy address a high priority hazard or does it address multiple hazards?
- Post-disaster implementation – Is this strategy easier to implement in a post-disaster environment?

In addition, the anticipated level of cost effectiveness of each measure was a primary consideration when developing mitigation actions. Because mitigation is an investment to reduce future damages, it is important to select measures for which the reduced damages over the life of the measure are likely to be greater than the project cost. For structural measures, the level of cost effectiveness is primarily based on the likelihood of damages occurring in the future, the severity of the damages when they occur, and the level of effectiveness of the selected measure. Although detailed analysis was not conducted during the mitigation action development process, these factors were of primary concern when selecting measures. For those measures, that do not result in a quantifiable reduction of damages, such as public education an outreach, the relationship of the probable future benefits and the cost of each measure was considered when developing the mitigation actions.

On the following pages are the strategies that each jurisdiction developed for their community. The strategies are organized as an action plan and include the following: a priority ranking (high, medium, low based on steering committee and locality rankings); ability to achieve Goals 1-6 and Actions A-D (A.1-A.6; B.1-B.5; C.1-C.4; and D.1-D.4); responsible department; likely source of funding to implement; and target completion date. The Counties and the City of Winchester are presented in alphabetical order followed by the Towns in alphabetical order. As part of the 2012 update of the NSV Regional Hazard Mitigation Plan, the 2007 Plan strategies

were reviewed and revised as progress or completion has occurred or needs dictate. Progress achieved on the 2007 mitigation strategies has been through ordinance reviews, floodplain reviews and locality staff interviews.

Action Plan

To implement these strategies listed below, if a Benefit Cost Analysis (BCA) is required, the participating jurisdiction will work with VDEM and NSVRC staff to complete the BCA. Where indicated, the regional strategies are either new or if identified in the 2007 Hazard Mitigation Plan, the status is currently in-progress.

NSV Regional Action Plan to implement Regional Strategies						
Regional Mitigation Action	Priority	Hazard(s)	Goals (1-6) / Actions(A-D)	Responsible Dept/ Status	Funding Source	Target Completion Date
Develop broadband coverage throughout the region to facilitate rescue communication	H	All	2 / D.1, D.D.2, D.3, D.4	Communications, Emergency Management / In progress	VDEM	2 years from Plan Adoption
Prepare shelf-ready projects eligible for the 5% projects under VDEM Hazard Mitigation funding	H	All	1, 3/ A-D	Emergency Management/ In progress	VDEM	1 year from Plan adoption
Obtain LED signage for localities to display in key locations to inform citizens of emergency shelter locations	M	ALL	6/ A.6, D.1-4	Emergency Management	VDEM	2 years from Plan Adoption
Procure and install backup generators for lift stations for wastewater treatment plants throughout the region	H	ALL	1,4/ C.1-4, D.1-4	Emergency Management	VDEM	1 year from Plan adoption
Install additional flows in rivers throughout the region and update the digital readouts to facilitate transfer of data (analog updates)	H	Floods	1 / B.1, C.1, C.2, D.2	Emergency Management/ In progress or initiated	VDEM	2 years from Plan Adoption
Address interoperability for enhanced connectivity to facilitate regional response (strive to link radio systems across the region, etc.)	M	ALL	2 / D.1, D.D.2, D.3, D.4	Communications, Emergency Management / In progress	VDEM	2 years from Plan Adoption
Secure generators and hook ups for all critical facilities as designated citizen convenience sites	H	ALL	4 / C.1-4, D.3, D.4	Emergency Management	VDEM	2 years from Plan Adoption
Identify private and or public gas stations in the region as critical facilities	H	ALL	4 / C.1-4, D.3, D.4	Emergency Management	VDEM	2 years from Plan Adoption
Maintain asset list annually for shelters and keep in a central regional location for sharing resources and capacities	M	ALL	2 / B.1, B.2	Emergency Management/ In progress	Locality	1 year from Plan adoption
Identify key infrastructure along regionally significant primary and secondary routes (map, inventory condition, recommend improvements, identify resources to upgrade, etc.)	M	Floods, Storms, Snow, Hurricane, Tornado	1,2,4 / A.3,A.5,B.1-B.4, C.1-4, D.1-4	Emergency Management, Transportation Planning (as available)	VDEM	2 years from Plan Adoption
Continue coordinated efforts between hazardous materials, law enforcement, fire & rescue for enhanced regional mutual aid and encourage coordination of local planning efforts.	M	ALL	2,3,5 / A.2, B.1-4, D.1-4	Emergency Management, Planning Staff/ In progress	Localities, VDEM	Annually over next five years
Develop and maintain regional mapping of assets (Inventory dry hydrants, etc.) for improved ISO rating.	L	ALL	2 / B.1-B.3	GIS, Planning	VDEM	2 years from Plan Adoption
Perform an engineering study of non-designated floodplain areas that are flood prone hazards in each locality. Maintain these high-hazard riparian areas on a regional and locality-specific mapped database.	M	Flood	2 / B.1-B.3	GIS, Planning/ In progress	VDEM	2 years from Plan Adoption

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Ensure all localities within the planning region have FIRM flood maps up to date	H	Flood	1, 2 / B.1-B.4	GIS, Planning/ In progress	VDEM	1 year from Plan Adoption
Work with localities to improve documentation of flooding events and impacts to transportation routes.	H	Floods, Storms, Snow, Hurricane, Tornado	1,2,4 / A.3,A.5,B.1-B.4, C.1-4, D.1-4	Emergency Management, Transportation Planning (as available) / In progress	VDEM	2 years from Plan Adoption
Encourage all localities to continue to participate in NFIP in the future. Improve repetitive loss properties through acquisition or elevation.	H	Flood	1, 2 / B.1-B.4	GIS, Planning/ In progress	VDEM	Throughout 5 year cycle.
Provide regional HAZMUS-MH training update for planners in localities and update floodplain data, mapping, and vulnerability analysis.	H	Flood, hurricane	2, 5, 6 / A.1-6, B.1-5, D.3, D.4	GIS, Planning/ In progress	VDEM	2 years from Plan Adoption
Future Plan updates to fully characterize losses by localities due to winter storms.	H	Winter Storms	2, 3 / A.5, B.1-B.5, D.2	Emergency Management/ In progress	VDEM	2 years from Plan Adoption
Provide annual updates of this Plan to Steering Committee, report to the VDEM, with NSVRC survey to localities to collect and report annual updates.	H	ALL	ALL	Emergency Management/ In progress	Locality, VDEM	Annually for next five year cycle
Acquire, elevate and or remediate all repetitive loss properties	H	Flood	ALL	Emergency Management/ In progress	Locality, VDEM	Annually for next five year cycle
Use the DMME Karst map and LiDAR mapping by USGS to avoid development around sinkholes, etc.	M	Karst	3 / B.2	Planning/ In progress	Locality	2 years from Plan Adoption
In future Hazard Mitigation Plan updates, address manmade disasters	H	All	All	Emergency Management/ In progress	Department of Homeland Security, VDEM	Annually for next five year cycle
Include more college and university specific disaster planning tools and incorporate with regional Plan.	H	All	All	Emergency Management/ In progress	Department of Homeland Security, VDEM	Annually for next five year cycle
Identify and map all critical facilities and ground truth. Develop key prioritization of critical facilities and a disaster resistant plan for them in all hazards.	H	All	All	Emergency Management/ In progress	Department of Homeland Security, VDEM	Annually for next five year cycle
Coordinate with the WV Emergency Management in surrounding WV Counties of Jefferson, Berkeley, Morgan, and Hampshire for manmade and natural disaster planning integration as a region.	M	All	All	Emergency Management/ In progress	Department of Homeland Security, VDEM	Annually for next five year cycle
Inventory Fire Insurance Rate maps and verify data. Integrate corrections into database for Plan updates.	M	All	All	Emergency Management/ In progress	Department of Homeland Security, VDEM	Annually for next five year cycle
Identify funding for improved regional and local mapping and connectivity of hazards. Update aerial imagery for localities with mapping and integrate with USGS EROS center.	M	All	All	Emergency Management/ In progress	Department of Homeland Security, VDEM, USGS	Annually for next five year cycle
Work with local colleges and university to create disaster-resistant universities and incorporate facility into this Plan.	M	All	All	Emergency Management; College / university staff/ In progress	Department of Homeland Security, VDEM, USGS	Within the next 5 year cycle.
Address impacts to the NSV region from climate changes as available becomes available.	M	All	All	Emergency Management, planners/ In progress	VDEM	4 years from Plan Adoption

The above regional mitigation strategies are applicable to each of the participating twenty localities. In addition, the Counties and Towns and the City of Winchester have specific strategies which are presented below.

Clarke County, Towns of Berryville and Boyce:

Action Plan to implement Strategies						
Clarke County, Town of Berryville, Town of Boyce						
Mitigation Action	Priority	Hazard(s)	Goals (1-6) / Actions(A-D)	Responsible Dept / Status	Funding Source	Target Completion Date
Work with local media outlets to increase awareness of natural hazards. Implement seasonal hazard awareness weeks or days (e.g., hurricane preparedness week, winter weather awareness day).	H	All	2 / D.1, D.D.2, D.3, D.4	Communications, Emergency Management/ In progress	VDEM	2 years from Plan Adoption
Conduct public education on the principles of "sheltering in place."	M	All	6 / A.1-A.6	Planning / In progress	VDEM	1 Year after adoption of Plan
Educate residents and business owners about reducing possible wind-borne debris (e.g., anchoring storage sheds, moving outdoor furniture indoors, trimming trees).	M	hurricane, Tornado, Severe Storm	5, 6 / A.1-A.6, D.1-D.3	Planning/ In progress	VDEM	2 years after Plan Adoption
Encourage public and private water conservation plans, including consideration of rainwater catchment system.	M	Drought	5, 6 / A.1-A.6, D.1-D.3	Planning/ In progress	VDEM	1 Year after adoption of Plan
Work with the Virginia Department of Forestry to implement the FIREWISE program in Clarke County and localities.	M	Wildfires	5, 6 / A.1-A.6, D.1-D.3	Planning/ In progress	VDEM	2 years after Plan Adoption
Identify means to coordinate, collect and store damage assessment data in GIS format for each natural hazard event that causes death, injury and or property damage.	H	All	2 / B.1-B.5, D.4	GIS, Planning/ In progress	Locality, VDEM	1 Year after adoption of Plan

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Consider providing necessary electrical hook-up, wiring, and switches to allow readily accessible connections to emergency generators at key critical public facilities.	M	All	4 / C.1-C.4, D.1-D.4	Emergency Management/ In progress	VDEM	2 years after Plan adoption
Coordinate with the state to update and digitize community Flood Insurance Rate Maps (FIRMs).	M	Flood	1, 2 / C.1-C.4, D.1-D.4	GIS, Planning/ In progress	VDEM	2 years after Plan adoption
Link structure value data with tax parcel GIS database to increase accuracy of loss estimates	M	All	1, 2 / C.1-C.4, D.1-D.4	GIS, Planning/ In progress	VDEM	2 years after Plan adoption
Encourage purchase of NOAA radios. Provide NOAA weather radios to public facilities.	H	All	2 / D.1, D.D.2, D.3, D.4	Communications, Emergency Management/ In progress	VDEM	2 years after Plan adoption
Investigate critical community facilities, such as County administrative offices, shelters (non-school buildings), fire stations and police stations, to evaluate their resistance to flood and wind hazards.	H	Flood, hurricane, Tornado, Severe Storm	1,2, 4 / B.1-B.6, C.1-C.4, D.1-D.4	Emergency Management/ In progress	VDEM	2 Years after Plan adoption
Prioritize facilities in known hazard areas (e.g., floodplains). Acquire, remediate, elevate repetitive loss properties	H	Flood	1, 4/ C.1-C.4, D.1-D.4	Emergency Management/ In progress	VDEM	Annually during this 5 year Plan update cycle
Identify program of corrective actions to improve stormwater systems' capacity to handle major rain events.	L	Flood	1, 3/ B.3-B.5, D.1, D.2	Planning/ In progress	Locality, VDEM	1 year after Plan adoption
Investigate, develop, or enhance Reverse 911 system or other public notification system.	H	All	5, 6 / A.1, A.5, D.1-D.4	Emergency Management/ In progress	VDEM	2 years after Plan adoption

Continue to enforce zoning and building codes to prevent/control construction within the floodplain.	M	Flood	3 / B.1 -B.2, C.2, D.1	Planning/ In progress	Locality	1 year after Plan adoption
Identify and protect critical recharge zones in high risk areas.	M	Flood	3 / B.2	Planning/ In progress	Locality	2 years after Plan Adoption
Work with the Virginia Department of Forestry to review local zoning and subdivision ordinances to identify areas to include wildfire mitigation principles.	L	Wildfires	3 / B.2	Planning, Emergency Management/ In progress	Locality, DOF, VDEM	3 years after Plan adoption
Work with mobile home parks to construct community wind shelters or to identify and publicize nearby shelters for residents.	L	Hurricane, Tomados, Storms, Snow	5, 6 / A.1-A.6, D.1-D.4	Planning, Emergency Management/ In progress	VDEM	3 years after Plan adoption
Inspect and clear debris from stormwater drainage system. Encourage VDOT to execute this strategy if needed.	L	Flood, hurricane, Tornado, Severe Storm, Snow, Ice, Landslide	2, 4 / C.2, D.1-D.4	Emergency Management/ In progress	VDEM, VDOT	Annually during the Plan update five year cycle

Frederick County and Towns of Middletown and Stephen City (in addition to the regional strategies have these locality-specific strategies):

Action Plan to implement Strategies						
Frederick County, Town of Middletown, Town of Stephen City						
Mitigation Action	Priority	Hazard(s)	Goals (1-6) / Actions(A-D)	Responsible Dept / Status	Funding Source	Target Completion Date
Conduct public education on the principles of "sheltering in place."	M	All	6 / A.1-A.6	Planning/ In progress	VDEM	1 Year after adoption of Plan; Action begun, continue
Identify and educate homeowners in flood-prone areas about flood insurance and floodplain mitigation measures.	H	All	2 / D.1, D.D.2, D.3, D.4	Emergency Management/ In progress	VDEM	Ongoing and in progress, continue

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Work with the Virginia Department of Forestry to implement the FIREWISE program in County and Towns.	M	Wildfires	5, 6 / A.1-A.6, D.1-D.3	Planning/ In progress	VDEM	2 years after Plan Adoption; initiated
Conduct emergency preparedness education campaign targeted at residents and business within dam inundation zones.	H	Dam Safety, Flood	1, 2, 4 / A.1-A.6, D.1-D.4	Emergency Management/ In progress	VDEM	Ongoing and in progress, continue
Work with local home improvement stores to provide workshops to residents on mitigation techniques.	M	ALL	5, 6 / A.1-A.6	Emergency Management/ In progress	VDEM	Ongoing and in progress, continue
Work with local media outlets to increase awareness of natural hazards. Implement seasonal hazard awareness weeks or days (e.g., hurricane preparedness week, winter weather awareness day).	H	All	2 / D.1, D.D.2, D.3, D.4	Emergency Management / In progress	VDEM	Ongoing and in progress, continue
Work with the National Weather Service to promote the Turn Around, Don't Drown public education campaign.	M	Flood	5, 6 / A.1 -A.6, B.2	Emergency Management/ In progress	VDEM, Locality	Ongoing, continue progress
Develop flu annex for continuity of operations plans.	L	All	3 / D.1	Emergency Management/ In progress	Locality, VDH	Ongoing, continue progress
Develop debris management plan.	M	Flood, Storms, Snow, Ice, Hurricane, Tornado	1, 5 / C.1-C.4, D.1-D.4	Emergency Management/ In progress	VDEM, Locality	Ongoing, continue progress
Identify means to coordinate, collect and store damage assessment data in GIS format for each natural hazard event that causes death, injury and or property damage.	H	All	1, 2 / C.1-C.4, D.1-D.4	GIS, Emergency Management/ In progress	Locality, VDEM	2 years after Plan adoption; in progress and ongoing
Identify training opportunities for staff to enhance their ability to use GIS for emergency management needs.	M	All	1, 2 / C.1-C.4, D.1-D.4	GIS, Emergency Management/ In progress	Locality	2 years after Plan adoption; in progress and ongoing
Investigate all primary and secondary schools to evaluate their resistance to all natural hazards. Prioritize the schools that are used as community shelters.	H	All	All	Emergency Management/ In progress	Locality, VDEM	Ongoing, Continue progress throughout planning cycle
Investigate critical community facilities, such as County administrative offices, shelters (non-school buildings), fire stations and police stations, to evaluate their resistance to flood and wind hazards.	H	All	All	Emergency Management/ In progress	Locality, VDEM	Ongoing, Continue progress throughout planning cycle

Prioritize facilities in known hazard areas (e.g., floodplains).	M	Flood	1,4 / C.1-C.4, D.1	Emergency Management/ In progress	Locality	Ongoing, continue to verify facilities and locations
Link structure value data with tax parcel GIS database to increase accuracy of loss estimates.	M	All	1, 2 / C.1-C.4, D.1-D.4	GIS, Emergency Management/ In progress	Locality	2 years after Plan adoption; in progress and ongoing
Review and revise, if needed, existing Subdivision Ordinances to include hazard mitigation-related development criteria in order to regulate the location and construction of buildings and other infrastructure in known hazard areas.	M	All	3 / B.2	Planning/ In progress	Locality	Ongoing, Continue through 2 years after Plan adoption
Review and revise, if needed, local floodplain ordinances. Work with the state to coordinate a Community Assistance Visit to identify potential improvements or enhancements to existing floodplain management program.	H	Flood	3 / B.2	Emergency Management with Planning/ In progress	Locality	Ongoing, Continue through 2 years after Plan adoption
Encourage purchase of NOAA radios. Provide NOAA weather radios to public facilities.	H	All	All	Emergency Management/ In progress	VDEM	Ongoing, Continue until completion by 2 years after Plan adoption
Increase flood warning capabilities, particularly as they relate to dam failure.	H	Flood, Dam Safety	1, 2, 4, 5 / B.1-B.5, D.1-D.4	Emergency Management/ In progress	Locality, VDEM and DCR for infrastructure	Ongoing, Continue until completion by 3 years after Plan adoption
Investigate, develop, or enhance Reverse 911 system or other public notification system. Investigate possible funding sources.	H	All	All	Emergency Management/ In progress	Locality and VDEM	Ongoing, Continue through 2 years after Plan adoption

The Town of Stephens City has these strategies in addition to the County and two Towns' strategies listed above:

Action Plan to implement Strategies						
Town of Stephens City						
Mitigation Action	Priority	Hazard(s)	Goals (1-6) /	Responsible Dept / Status	Funding Source	Target Completion Date
			Actions(A-D)			
Conduct public education on the principles of "sheltering in place".	H	All	6 / D.1-D.4	Town and County Emergency management / In progress work with Schools and other shelters	VDEM	5 years from Plan adoption

Identify and educate homeowners in flood-prone areas about flood insurance and flood plain mitigation measures.	M	Flood	2, 6 / A.5, A.6, B.1-B.5, D.1-D.4	Town work with VDEM / In progress	VDEM	5 years from Plan adoption
Work with local home improvement mitigation techniques.	L	All	5, 6 / A.5, A.6, D.1-D.4	Town work with VDEM / In progress	VDEM, Lowes or other hardware corporation with a safety program	5 years from Plan adoption
Develop debris management plan.	H	All	5 / C.3, D.1-D.4	Town Staff / In progress	Town and or VDEM	5 years from Plan adoption
Investigate critical community facilities, such as the town office; identify shelters (non-school buildings), fire and police stations, to evaluate their resistance to flood and wind hazards. Prioritize facilities in known hazard areas (e.g., floodplains)	M	All	All Goals / All Actions	Town work with County Emergency Management and VDEM	VDEM	5 years from Plan adoption
Review and revise, if needed, local floodplain ordinances. Work with the state to coordinate a Community Assistance Visit to identify potential improvements or enhancements to existing floodplain management program.	L	Flood	2, 6 / A.5, A.6, B.1-B.5, D.1-D.4	Town work with VDEM / In progress	VDEM	5 years from Plan adoption
Identify key critical facilities and provide necessary electrical hook-up, wiring, and switches for emergency generators.	H	All	4 / C.1-C.4, D.1-D.4	Town work with VDEM / In progress	VDEM	5 years from Plan adoption
Investigate, develop, or enhance Reverse 911 system or other public notification system. Investigate possible funding sources.	H	All	All Goals / All Actions	Town work with County Emergency Management and VDEM	VDEM	5 years from Plan adoption

Page County and its Towns of Shenandoah, Luray, and Stanley have the following strategies in addition to the regional strategies:

Action Plan to implement Strategies

Page County, Town of Luray, Town of Shenandoah, Town of Stanley						
Mitigation Action	Priority	Hazard(s)	Goals (1-6)/ Actions(A-D)	Responsible Dept/ Status	Funding Source	Target Completion Date
Work with local media outlets to increase awareness of natural hazards. Implement seasonal hazard awareness weeks or days (e.g. hurricane preparedness week, winter weather awareness day, etc.).	H	All	All	Communications, Emergency Management / In progress	VDEM	2 years from Plan Adoption
Create a multi-level education brochure and program that would be taught on different levels with regards to education within the school system as well as targeting a brochure for the residents throughout the county.	L (Changed from H)	All	1, 6 / A.1-A.6, D.1-D.4	Communications, Emergency Management / In progress	VDEM	Annually, throughout 5 year cycle.
Create informational flyer to be handed out at the time of building permits are applied for with regard to building weather resistant homes. This flyer would be targeted to contractors and developers in a way to enhance their building project.	H	All	6 / A.1-A.6, D.1-D.4	Emergency Management/ In progress	VDEM	1 year from Plan adoption
Identify need for Back-Up generators, communications, and/or vehicles at critical public facilities. Develop means to address the shortfalls identified.	H	All	4 / C.1-C.4, D.1-D.4	Emergency Management/ In progress	VDEM	2 years from Plan Adoption
Procure and install backup generators for lift stations for wastewater treatment plants throughout the region	H	All	1,4/ C.1-4, D.1-4	Emergency Management	VDEM	1 year from Plan adoption
Coordinate with the state to update and digitize community Flood Insurance Rate Maps (FIRMs).	H	Floods	1/B.1-B.5	Emergency Management/ In progress or initiated (completed in Luray)	VDEM	3 years from Plan adoption.

Install additional flows in rivers throughout the region and update the digital readouts to facilitate transfer of data (analog updates)	H	Floods	1 / C.2, D.1-D.4	Emergency Management/ In progress or initiated	VDEM, USGS	2 years from Plan Adoption
Encourage public and private water conservation plans, including consideration of rainwater catchment system or other low impact development techniques.	Drought	Changed from M to L	3 / B.1-B.5	Emergency management or Town staff. In progress for all, completed in progress for all, completed in Luray and Stanley.	VDEM	5 years from Plan adoption.
Coordinate with the state to update and digitize community Flood Insurance Rate Maps (FIRMs).	Medium changed to High	All	1, 2/B.3-B.5	Emergency Management /In progress in all, completed in Luray.	VDEM	2 years from Plan Adoption
Evaluate properties within the floodplain for possible relocation and/or buy out. In particular, target FEMA's Repetitive Loss Properties throughout the Page Valley for possible relocation and/or buy out.	H	Flood	4 / C.1-C.4, D.1-D.4	Emergency management/ in progress for all Towns and County	VDEM	3 years from adoption of Plan
Evaluate at risk roads and implement mitigation measures (e.g. elevation, re-design) Work with VDOT as needed. (Revised) Replace with: Inspect and clear debris from stormwater drainage system. Encourage VDOT to execute this strategy if needed. Maintain bridges yearly.	H	All	4 / C.1-C.4, D.1-D.4	Emergency management, County and all Towns but Luray work with VDOT (Luray complete with Town staff) / In progress	VDEM, VDOT	Annually throughout 5 year cycle.

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Initiate discussions with public/private utility companies to discuss incorporating mitigation measures into new and pre-existing development and infrastructure repairs. Options include: anchoring heavy equipment such as electrical transformers mounted on poles using additional straps and braces; reducing camber in overhead transmission lines; and providing cover for exposed utilities	L	All	4 / D.1-D.4	Emergency Management, Town staff / In progress	VDEM, Public Utilities	Complete by 4 years of Plan adoption
Evaluate properties within the floodplain for possible relocation and/or buy out. In particular, target FEMA's Repetitive Loss Properties throughout the Page Valley for possible relocation and/or buy out.	H	Flood	1,4 / C.1-C.4, D.1-D.4	Emergency Management, Town staff / In progress	VDEM	Annually throughout 5 year cycle of Plan update.
Work with land trusts to facilitate purchase of land.	H	All	All	Emergency Management, Town/In progress	VDEM, Valley Conservation Council, land trusts	Annually throughout 5 year cycle of Plan update.
Implement a program to seal and vent or raise sewer system components (i.e. manhole covers that are located in the 100-year floodplain or other areas identified as highly probable flooding).	H	All	4 / D.1-D.4	Emergency management, County and all Towns but Luray work with VDOT (Luray complete with Town staff)/ In progress	VDEM, VDOT	Annually throughout 5 year cycle.
Integrate the jurisdiction's mitigation plan into current capital improvement plans to ensure that development does not encroach on known hazard areas.	L	All	3 / A.1-A.6, B.1-B.3	Emergency Management, Town staff / In progress	VDEM	Completed throughout and by end of 5 year Plan update cycle
Investigate all primary and secondary schools to evaluate their resistance to all natural hazards. Prioritize the schools that are used as community shelters.	L	All	5,6 / A.1-A.6, D.1-D.4	Emergency Management, Town staff / In progress	VDEM	Completed throughout and by end of 5 year Plan update cycle

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Link structure value data with tax parcel GIS database to increase accuracy of loss estimates.	L	All	2 / B.1-B.5	Emergency Management work with GIS and Town Staff	VDEM	Completed throughout and by end of 5 year Plan update cycle
Establish flood level markers along bridges and other structures to indicate the rise of water levels along creeks and rivers in potential flood-prone areas. Work with VDOT and other jurisdictions as needed.	H			Emergency Management, Planning Staff/ In progress	Localities, VDEM	Annually over next five years
Potentially partner the Eagle or Boy Scouts for this particular project. Removed due to liability issues.	H	-	-	Removed		
Staff Emergency Management Office, Public Works, Building Inspections Office and/or Planning and Zoning Office at adequate levels as determined by the county based upon population demographics with regard to density and hazardous risks.	M	All	5 / B.1-B.4	Emergency Management, Planning Staff/ In progress	Localities, VDEM	Annually over next five years
Work with the Department of Forestry to implement the FIREWISE program in Page County.	M	Fire	5,6 / A. 1-A.6, D.1-D.4	Emergency Management, Town Staff / In progress	VDEM, DOF	4 years from Plan Adoption
Create training opportunities for departmental staff on how to introduce hazard reduction within the daily activities of government. (Revised and incorporated in strategy above)	H	-	Removed	Included and reworded in Page County and all 3 Towns' strategies		
Ensure all localities within the planning region have FIRM flood maps up to date	H	Flood	1, 2 /B.1-B.4	GIS, Planning/ In progress	VDEM	1 year from Plan Adoption

Work with localities to improve documentation of flooding events and impacts to transportation routes.	H	Floods, Storms, Snow, Hurricane, Tornado	1,2,4 / A.3,A.5,B.1-B.4, C.1-4, D.1-4	Emergency Management, Transportation Planning (as available) / In progress	VDEM	2 years from Plan Adoption
Create opportunities as to how inter-departmental staff can introduce hazard reduction within the daily activities, processes and functions.	L	Removed, completed and reworded into above				
The County will consider participating in the StormReady Program sponsored by the National Weather Service.	L	Thunder storms, hurricane, tornado, winter storms	5,6/B.1, A.2, A.5, A.6	Emergency Management work with Towns and NWS	VDEM	Completed by 5 years from Plan adoption
Propose a more restrictive Floodplain Ordinance that will effectively eliminate or minimize new development within the floodplain, floodway, and flood base.	L	Removed, completed and reworded into above				

Town of Luray in Page County has Hazard Mitigation strategies listed for Page County plus these strategies listed below:

Action Plan to implement Strategies Town of Luray						
Mitigation Action	Priority	Hazard(s)	Goals (1-6)/ Actions(A-D)	Responsible Dept/ Status	Funding Source	Target Completion Date
Work with local media outlets to increase awareness of natural hazards and actively promote and participate in seasonal hazard awareness days or weeks (e.g., Winter Weather Week).	H			Removed specific to Luray and placed as Page County and all 3 Town strategy, In progress		
Create opportunities as to how inter-departmental staff can introduce hazard reduction within the daily activities, processes and functions.	M			Removed specific to Luray and revised to staff capacity strategy for Page County and all 3 Town strategy, In progress		
Identify need for back-up generators, communications, and/or vehicles at critical public facilities. Develop means to address the shortfall identified.	H			Removed specific to Luray and placed as Page County and all 3 Town strategy, In progress		
Integrate the jurisdiction's mitigation plan into current capital	L			Removed specific to Luray and placed as Page		

improvement plans to ensure that development does not encroach on known hazard areas.				County and all 3 Town strategy, In progress		
Staff Emergency Management Office, Public Works, Building Inspections Office and/or Planning and Zoning Office at adequate levels as determined by the county based upon population demographics with regard to density and hazardous risks.	L			Removed specific to Luray and placed as Page County and all 3 Town strategy, In progress		
Work with the County of Page Emergency Operations Center for better Hawksbill monitoring abilities.	M	Flood	1, 2/A.2, B.1-B.5	Town staff and County Emergency Management / In progress	VDEM	Annually throughout 5 year Plan update cycle or until complete.
Provide training for Town Staff (Public Works, Police Departments) relating to hazards weather, disasters, flood zones and natural disasters.	H	All	All	Town staff and County Emergency Management / In progress	VDEM	Annually throughout 5 year Plan update cycle or until complete.
Town to work with Page County Emergency Operations Center to better provide reverse 911 calls to the public / citizens of Luray during hazardous natural events.	H	All	All	Town staff and County Emergency Management / In progress	VDEM	Annually throughout 5 year Plan update cycle or until complete.
Work with local real estate agents to ensure better provision of information (maps, etc.) to potential home buyers in areas of recognized floodprone zones within the Town of Luray. Locality would work with County to ensure brochure is distributed to potential home buyers.	M	All	6 / A.1-A.6, D.1-D.4	Town staff/ In progress	VDEM	Completed by 3 years from Plan adoption.

Town of Shenandoah in Page County has these Hazard Mitigation strategies listed below in addition to the ones included in Page County:

Action Plan to implement Strategies Town of Shenandoah						
Mitigation Action	Priority	Hazard(s)	Goals (1-6)/ Actions(A-D)	Responsible Dept/ Status	Funding Source	Target Completion Date
Create opportunities as to how inter-departmental staff can introduce	H			Removed specific to Shenandoah Town and		

hazard reduction within the daily activities, processes and functions.				revised to staff capacity strategy for Page County and all 3 Town strategy, In progress		
Identify need for back-up generators, communications, and/or vehicles at critical public facilities. Develop means to address the shortfall identified.	H			Removed specific to Shenandoah Town and added as a strategy for Page County and all 3 Towns / In progress		
Coordinate with the state to update and digitize community Flood Insurance Rate Maps (FIRMs). Deleted here and moved to Page County where it applies to all Towns but Luray, and Page County	M			Removed specific to Shenandoah Town and added as a strategy for Page County and all 3 Towns / In progress		
Encourage public and private water conservation plans, including consideration of rainwater catchment system or other low impact development techniques.	L			Removed specific to Shenandoah Town and added as a strategy for Page County and all 3 Towns / In progress		
Inspect and clear debris from stormwater drainage system. Encourage VDOT to execute this strategy if needed.	H			Removed specific to Shenandoah Town and added as a strategy for Page County and all 3 Towns / In progress		
Initiate discussions with public/private utility companies to discuss incorporating mitigation measures into new and pre-existing development and infrastructure repairs.	L			Removed specific to Shenandoah Town and added as a strategy for Page County and all 3 Towns / In progress		
Options include: anchoring heavy equipment such as electrical transformers mounted on poles using additional straps and braces; reducing camber in overhead transmission lines; and providing cover for exposed utilities				Removed specific to Shenandoah Town and added as a strategy for Page County and all 3 Towns / In progress		
Staff Emergency Management Office, Public Works, Building Inspections Office and/or Planning and Zoning Office at adequate levels as determined by the	M			Removed specific to Shenandoah Town and added as a strategy for Page County and all 3 Towns / In progress		

town-based-upon population demographics with regard to density and hazardous risks (This was added to all Town Strategies).						
Work with the Department of Forestry to implement the FIREWISE program in Page County. Deleted.	L			Removed specific to Shenandoah Town and added as a strategy for Page County and all 3 Towns / In progress		
Develop a link to the I-Flows database for the Town staff to access and use for stream levels	M	Flood	1,2/ C.1-C.4, D.1-D.4	Town, County Emergency Management / In progress	VDEM, USGS	Completed by 2 years from Plan adoption.
Change stream gauge outflow location. Develop on-line interaction to be notified of outflow upgrades.	M	Flood	1,2/ C.1-C.4, D.1-D.4	Town, County Emergency Management / In progress	VDEM, USGS	Completed by 2 years from Plan adoption.
Create markers on bridges to determine flood and drought stages	H	Flood	1,2/ C.1-C.4, D.1-D.4	Town, County Emergency Management / In progress	VDEM, USGS	Completed by 2 years from Plan adoption.
Develop a Notification Plan for water Infrastructure in the event of failure of water system.	H	Flood	1,2/ C.1-C.4, D.1-D.4	Town, County Emergency Management / In progress	VDEM, USGS	Completed by 2 years from Plan adoption.
Designate an alternative location for Town Office in the event of a disaster, to ensure continuity of Town office functions.	H	All	All Goals/ All Actions	Town Staff / In progress	Locality, VDEM	Complete 2 years from Plan adoption
Ensure generators are in place, functional, with routine checks. Develop a generator maintenance program and record inspections in central location.	H	All	All	In progress and in Page County strategy	VDEM	Complete 4 years from Plan adoption
Work with local media outlets (newspaper, TV, radio, websites, TV) to increase awareness of natural hazards.				Removed specific to Shenandoah Town and added as a strategy for Page County and all 3 Towns / In progress		
Evaluate at-risk roads and implement mitigation measures in the event of a disaster. Work with VDOT as appropriate. (Also revised and added as a County strategy for County and all 3 Towns with clear debris)	H	All	All Goals/	Town Staff / In progress	VDEM	Complete 4 years from Plan adoption

Town of Stanley in Page County has these Hazard Mitigation strategies listed below in addition to the Page County strategies:

Action Plan to implement Strategies Town of Stanley						
Mitigation Action	Priority	Hazard(s)	Goals (1-6)/ Actions(A-D)	Responsible Dept/ Status	Funding Source	Target Completion Date
Work with local media outlets to increase awareness of natural hazards. Implement seasonal hazard awareness weeks or days (e.g. hurricane preparedness week, winter weather awareness day, etc.)	H			Removed specific to Stanley Town and added as a strategy for Page County and all 3 Towns / In progress		
Create informational flyer to be handed out at the time of building permits are applied for with regard to building weather resistant homes. This flyer would be targeted to contractors and developers in a way to enhance their building project.				Removed specific to Stanley Town and added as a strategy for Page County and all 3 Towns / In progress		
Coordinate with the state to update and digitize community Flood Insurance Rate Maps (FIRMs).	H	Flood	1/D.1-D.4	Removed specific to Stanley Town and added as a strategy for Page County, Town of Stanley, and Town of Shenandoah/ In progress	VDEM	Completion by 2 years after Plan adoption.
Implement and/or enhance a program to seal and vent or raise sewer system components (i.e. manhole covers that are located in the 100-year floodplain or other areas identified as highly probable flooding).	H	All	4 / C.1-C.4, D.1-D.4	Town of Stanley, Page County / In progress (This is also a regional County and Page Town strategy, with words revised slightly to implement and or enhance)	VDEM	Completion by 2 years after Plan adoption.
Evaluate at risk roads and implement mitigation measures (e.g. elevation, re-design) Work with VDOT as needed. Develop mapping or GIS layer of these.	H	All	2/B.1, B.3, B.4	Town of Stanley, Page County / In progress (This is also a regional County and Page Town strategy, with words revised slightly to develop GIS layer)	VDEM	Completion by 2 years after Plan adoption.

Staff Provide Page County Emergency Operations Center Management Office, with staff from Public Works, Building Inspections Office and/or Planning and Zoning Office Department during local hazards events, to provide damage reports critical to Town infrastructure. at adequate levels as determined by the town based upon population demographics with regard to density and hazardous risks.	H	All	All Goals / All Actions	Town of Stanley, Page County / In progress (This is also a regional County and Page Town strategy)	VDEM	Completion by 5 years after Plan adoption.
Work with the Department of Forestry to implement the FIREWISE program in the Town of Stanley.	-	Fire		Removed specific to Stanley Town and added as a strategy for Page County and all 3 Towns / In progress		
Establish flood level markers along bridges and other structures to indicate the rise of water levels along creeks and rivers in potential flood-prone areas. Work with VDOT and other jurisdictions as needed.	H	All	4 / A.2, D.1-D.4	Town of Stanley, County Emergency Management and VDOT / In progress. This strategy also in Page County and 3 Towns (except Luray) strategy	VDEM / VDOT	5 years from Plan adoption.
Potentially partner with the Eagle or Boy Scouts for this particular project.	-			Removed from Page County and Towns due to liability issues		
Work with Page County Emergency Operations Center to receive I-flow measurements / markings to alert when streams around town and near infrastructure are near flooding.	H	Flood	1,4 / A.1-A.6, B.1-B.5, D.1-D.4	Town of Stanley work with County Emergency management and UNSGS, and VDEM	VDEM, USGS	3 years from adoption of Plan

Shenandoah County and its six Towns have these Hazard Mitigation strategies (in addition the Towns of Edinburg, Mount Jackson, and New Market have strategies from the 2007 Plan):

Action Plan to implement Strategies						
Shenandoah County, Towns of Edinburg, Mt. Jackson, New Market, Strasburg, Toms Brook, and Woodstock						
Mitigation Action	Priority	Hazard(s)	Goals (1-6) / Actions(A-D)	Responsible Dept / Status	Funding Source	Target Completion Date
Create a Public Education Program within the public and private schools within the community that will provide disaster preparedness information to the student bodies that can be utilized within their individual homes.	H	All	6 / A.1	Emergency Management/ In progress	All Localities	Completed, provide annual updates.
Consider participating in the StormReady program sponsored by the National Weather Service.	M	Storms, Hurricane, Tornado, Winter Storms	5 / A.2	Emergency Management/ In progress	All Localities	Initiated, to continue throughout 3 years after Plan adopted to completion.
Distribute information packets to raise awareness regarding the risks present in the region and to provide disaster preparedness information.	M	All	5, 6 / A.3	Emergency Management/ In progress	All Localities	Initiated, to continue throughout 3 years after Plan adopted to completion.
Create a knowledgeable group of speakers within the community that can be available to present programs regarding Emergency Management Principles and Concepts to groups within the community.	L (County hired PIO staff)	All	5, 6 / A.1- A.6	Emergency Management/ In progress	All Localities	Initiated, to continue throughout 3 years after Plan adopted to completion.
Work with local media outlets to increase awareness of natural hazards. Implement seasonal hazard awareness weeks or days (e.g., hurricane preparedness week, winter weather awareness day).	L (County hired PIO staff)	All	5, 6 / A.1- A.6	Emergency Management/ In progress	All Localities	Initiated, to continue throughout 3 years after Plan adopted to completion.
Identify need for back-up generators, communications, and/or vehicles at critical public facilities. Develop means to address the shortfall identified.	H	All	All	Emergency Management/ In progress	VDEM	Ongoing through 5 years of Plan cycle or until complete.
Develop a comprehensive debris management plan as an annex to the Emergency Operations Plan.	H	All	3, 4 / B.1-B.6, D.1 - D.4	Locality, VDOT/ In progress	Locality, VDOT	In Progress to continue throughout planning cycle.
Coordinate with FEMA and the state to continue program of updating the community Flood Insurance Rate Maps (FIRMs) for selected tributaries of the North Fork of the Shenandoah River.	H	All	1,4 / B.3, C.1-C.4, D.1-D.4	Emergency Management/ In progress	VDEM	In progress, to continue throughout planning cycle or until completion, whichever comes first.

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Encourage public and private water conservation plans, including consideration of rainwater catchment systems or other low impact development techniques.	M	Drought	3 / B.4, A.6	Emergency Management/ In progress	All Localities	Ordinance passed for water conservation measures during declared drought stages.
Incorporate mitigation principles into local emergency management and recovery plans.	M	All	All	Emergency Management/ In progress	VDEM, Planning staff (as available)	In progress, continue through planning cycle.
Provide training opportunities to local zoning and building code officials in subject materials such as damage assessment and mitigation	L	All	5 / B.6	Emergency Management (Damage assessment courses offered annually/ In progress	Locality, VDOT	In progress, to continue throughout planning cycle.
Identify means to coordinate, collect and store damage assessment data in GIS format for each natural hazard event that causes death, injury and or property damage.	L	All	2, 3 / B.6	Emergency Management, GIS as available/ In progress	Locality, VDOT	In progress, to continue throughout process.
Identify key critical facilities and provide necessary electrical hook-up, wiring, and switches for emergency generators.	H	All	All	Emergency Management/ In progress	Locality	Ongoing, to continue throughout 5 year cycle.
Evaluate properties within the floodplain for possible elevation or acquisition. In particular, target FEMA's Repetitive Loss Properties throughout the County for possible elevation or acquisition. Work with land trusts to facilitate purchase of land.	H	Flood	1, 4 / C.1-C.4, D.1-D.4	Emergency Management/ In progress	Locality, VDEM	Ongoing to completion by 4 years after Plan adoption
Evaluate at risk roads and implement mitigation measures (e.g. elevation, re-design). Work with VDOT as needed.	L	Flood	2, 5 / B.1-B.5	Emergency Management, Locality intern with VDOT; also devices to measure rainflow for citizens/ In progress	Locality, VDOT	Ongoing, through completion by 4 years after Plan adoption.
Inspect and clear debris from stormwater drainage system. Encourage VDOT to execute this strategy if needed.	H	All	4 / D.1-Dd.4	Emergency Management and VDOT/ In progress	VDOT	Ongoing, through completion by 4 years after Plan adoption.
Identify existing flood-prone structures that may benefit from mitigation measures such as elevation or flood-proofing techniques.	L	Flood	1, 4 / C.1-C.4, D.1-D.4	Emergency Management/ In progress	Locality	Ongoing, through completion 2 years after Plan adoption.
Develop Reverse 911 system or other public notification system	H	All	All	Management Completed/ In progress	Locality	Annual updates of new properties to database.
Establish flood level markers along bridges and other structures to indicate the rise of water levels along creeks and rivers in potential flood-prone areas.	M	Flood	1, 4 / D.1-D.4	Emergency Management/ In progress	Locality	in progress for County and Towns, continue until completion or 3 years after Plan adoption.

Work with VDOT and other jurisdictions as needed. (Possible partnering with Eagle Scout projects.)	M	All	All	Locality/ In progress	Locality (as desirous of project)	No status, to continue throughout 5 year planning cycle.
Continue to administer building and zoning regulations to insure proper development within flood prone areas.	M	Flood	3 / B.1-B.5	Planning and Zoning complete for flood/ In progress	Locality	Completed, annual update as needed.
Work with the Virginia Department of Forestry to implement the FIREWISE program in Shenandoah County.	M	Wildfires	5, 6 / D.4	Emergency Management, DOF/ In progress	DOF, VDEM	County and Towns work closely with Firewise and will continue to do so.

The Town of Edinburg has these strategies in addition to the County and all six Towns' strategies listed above:

Action Plan to implement Strategies						
Towns of Edinburg						
Mitigation Action	Priority	Hazard(s)	Goals (1-6) /	Responsible Dept / Status	Funding Source	Target Completion Date
			Actions(A-D)			
Public notification of winter and severe storm information	H	Winter Storm, Severe Thunderstorm	6 / D.1-D.4	Town and County Emergency management / In progress	County, VDEM	5 years from Plan adoption
Create continuity of operations plan for town utilities and services.	H	All	All Goals/All Actions	Town public utilities staff work with County emergency management / In progress	County, Town of Edinburg, and VDEM	5 years from Plan adoption
Install backup generator for water treatment plant and Well #1.	H	All	4 / D.1-D.4	In regional County and Town strategies / Town staff work with County Emergency Management	VDEM	5 years from Plan addition.
Continue support of the Virginia Department of Forestry's FIREWISE program.	L	Fire	5, 6 / A.1-A.6, B.1-B.5, D.1-D.4	Town work with County Emergency management and DOF	VDEM, DOF	Throughout 5 years of Plan update.

The Town of Mount Jackson has these strategies in addition to the County and all six Towns' strategies listed above:

Action Plan to implement Strategies						
Town of Mt Jackson						
Mitigation Action	Priority	Hazard(s)	Goals (1-6) /	Responsible Dept / Status	Funding Source	Target Completion Date
			Actions(A-D)			
Work with local media outlets to increase awareness of natural hazards. Implement seasonal hazard awareness weeks or days (i.e., hurricane preparedness week, winter weather awareness day).	H	All	5, 6 / A.1-A.6, D.1-D.4	Town and County Emergency management / In progress work with NWS	County, VDEM	5 years from Plan adoption
Conduct public education on the principles of "shelter in place".	H	All	6 / D.1-D.4	Town and County Emergency management / In progress work with Schools and other shelters	VDEM	5 years from Plan adoption
Identify need for back-up generators, communications, and/or vehicles at critical public facilities. Develop means to address the shortfall identified.	H	All	All Goals / All Actions	Town and County Emergency Management / In progress	VDEM	5 years from Plan adoption
Develop plan for continuity of operations plan in event of pandemic flu.	H			Removed, completed		
Propose a more restrictive floodplain ordinance that will effectively eliminate or minimize development within the floodplain, floodway, and flood base.	H	Flood	1,3 /B.1-B.5, D.1-D.4	Town Staff / In progress	Town of Mt Jackson and or VDEM	5 years from Plan adoption
Develop a comprehensive debris management plan as an annex to the Emergency Operations Plan.	H	All	5 / C.3, D.1-D.4	Town Staff / In progress	Town of Mt Jackson and or VDEM	5 years from Plan adoption
Continue support of the Virginia Department of Forestry's FIREWISE program.	M	Fire	5, 6 / A.1-A.6, B.1-B.5, D.1-D.4	Town work with County Emergency management and DOF	VDEM, DOF	Throughout 5 years of Plan update.

The Town of New Market has these strategies in addition to the County and all six Towns' strategies listed above:

Action Plan to implement Strategies						
Town of New Market						
Mitigation Action	Priority	Hazard(s)	Goals (1-6) / Actions(A-D)	Responsible Dept / Status	Funding Source	Target Completion Date
Design an interactive, animated computer program that describes the sources of inflow and infiltration and the role citizens play in reducing the problem.	H	Flood	1, 5, 6 / B.1-B.5, D.1-D.4	Town working with County Emergency Manager / In progress	VDEM, USGS	5 years from date of Plan adoption
Provide up-to-date current weather information through local media on town's website.	H	All	6 / a.5, A.6	Town working with County Emergency Manager / In progress	Town, VDEM	Current in progress, to be maintained and enhanced by 5 years from date of Plan adoption
Secure town water sources (wells) through the installation of perimeter fencing and electronic access	H	All	4 / C.2, C.3, C4, D.1-4	Town working with County Emergency Manager / In progress	Town, VDEM, DEQ -VDH Wellhead protection program	5 years from date of Plan adoption
Work with the Department of Forestry to implement the FIREWISE program in Page County.	M	Fire	5, 6 / A.1-A.6, B.1-B.5, D.1-D.4	Town work with County Emergency management and DOF	VDEM, DOF	Throughout 5 years of Plan update.

Warren County Hazard Mitigation Strategies include:

Action Plan to implement Strategies						
Warren County						
Mitigation Action	Priority	Hazard(s)	Goals (1-6) / Actions(A-D)	Responsible Dept / Status	Funding Source	Target Completion Date
Create training opportunities for departmental staff on how to introduce hazard reduction within the daily activities of government.	H	All	All	Emergency Management M. Viggiano/ In progress ongoing	Locality	5 years from adoption of this Plan
Work with local media outlets to increase awareness of natural hazards and actively promote and participate in seasonal hazard awareness weeks or days.	H	All	All	Emergency Management M. Viggiano/ In progress ongoing	Locality	5 years from adoption of this Plan
Create a pre-disaster family response plan to distribute to members of the community with shelter designation.	M	All	All	Emergency Management M. Viggiano/ In progress ongoing	Locality	5 years from adoption of this Plan

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Expand the local emergency management committee to include private sector organizations.	L	All	All	Emergency Management M. Viggiano/ In progress ongoing / Continuing to meet with them	Locality	5 years from adoption of this Plan
Work with local home improvement stores, local media outlets and other local agencies to provide workshops to residents on mitigation techniques.	L	All	All	Emergency Management M. Viggiano/ Not initiated yet	Locality	5 years from adoption of this Plan
Integrate the jurisdiction's mitigation plan into the current Capital Improvements Plan, as well as researching other funding opportunities.	H	All	All	T. Logan, Planning Dept/ in progress	Locality	5 years from adoption of this Plan.
Review the County's existing floodplain ordinance to ensure that it is meeting local needs.	M	Flood	3/ B.2-B.5	T. Logan, Planning Dept/ Completed. To review annually for any updates	Locality	5 years throughout cycle from time of adoption of this Plan
Coordinate with the state to update and digitize community Flood Insurance Rate Maps (FIRMs).	M	Flood	1, 2/ C.1-C.4, D.1-D.4	T. Logan, Planning Dept/ Completed. To review annually for any updates	VDEM	5 years throughout cycle from time of adoption of this Plan
Incorporate the hazard mitigation plan goals and strategies into the County's Comprehensive Plan.	M	All	All	T. Logan, Planning Dept/ In progress	Locality	1 year from adoption of this Plan and annually as needed.
Provide training opportunities to local zoning and building code enforcement staff and educate them on damage assessment, mitigation techniques, and other related topics.	L	All	All	Building Inspection/ In progress	Building Inspection, David Beahm	5 years from adoption of this Plan
Review critical community facilities such as County administrative offices, school buildings, fire stations and police stations to evaluate their resistance to natural and manmade hazards.	H	All	All	Emergency Management, R. Mabie/ In progress	Locality, Emergency Management	5 years from adoption of this Plan
Identify existing flood prone structures that may benefit from mitigation measures such as elevation or flood-proofing techniques.	L	Flood	All	T. Logan, Planning Department/ not started	Locality	5 years from adoption of this Plan
Inspect and clear debris from stormwater drainage systems. Encourage VDOT, Sanitary Districts, and Property Owner Associations to execute this strategy.	L	All	All	Emergency Management, R. Mabie/ Not started	Locality, VDOT	5 years from adoption of this Plan
Based upon the community's needs and associated risks, staff the Emergency Management Office, Fire and Rescue, Law Enforcement, Parks and Recreation, Building Inspections Department, and Planning and Zoning at adequate levels as determined by County Administration.	H	All	5, 6 / B.1-B.6	Emergency Management and Doug Stanley/ Completed	Locality	Completed, to be reviewed annually

Continue support of the Virginia Department of Forestry's FIREWISE program.	M	Wildfires	All	Emergency Management, R. Mabie/ In progress	Locality, VDOF	5 years from adoption of this Plan
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Town of Front Royal Hazard Mitigation strategies are listed below:

NSV Regional Action Plan to Implement Regional Strategies						
Mitigation Action	Priority	Hazard(s)	Goals (1-6)/ Actions(A-D)	Responsible Dept/ Status	Funding Source	Target Completion Date
Utilize opportunities provided by Warren County Emergency Management Department for Town staff on how to introduce hazard reduction within the daily activities of government. This to include a program so key personnel and Department Heads receive basic training in emergency response, such as ICS certifications	H	All	5,6 /A.5, D.1-D.4	Town administration / In progress, initiated and ongoing	Town and County	By 5 years of addition of this Plan
Coordinate with Warren County Emergency Management Department to work with local media outlets to increase awareness of natural hazards and actively promote and participate in seasonal hazard awareness days or weeks. Includes activities during Health & Wellness Expo annually as schools request	H	All	5, 6/ A.5, A.6	Town administration / In progress, initiated and ongoing	Town and County	By 5 years of addition of this Plan
Create a pre-disaster family response plan to distribute to members of the community.	M	All	5, 6 / A.3, A.4,A.5,A.6	Town administration and County Emergency Management / In progress, initiated and ongoing	Town and County	By 5 years of addition of this Plan
Work with local home improvement stores, local media outlets and other local agencies to provide workshops to residents on mitigation techniques.	L	All	5, 6 / A.2, A.3, A.6, D.1-D.4	Town administration and County Emergency Management / Into started	Town and County	By 5 years of addition of this Plan
Develop additional GIS layers and training opportunities for Town staff to increase their knowledge and ability to use GIS for emergency management	H	All	2/A.3, B.5	Town Planning Department and GIS/ In progress	Town	By 5 years of addition of this Plan

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Coordinate with FEMA and Virginia DCR to continue program of updating and digitizing the community FIRMS	H	Flood	1, 2 / A.1-A.4, B.3, D.1-D.4	Town Planning Department and GIS/ Completed, updated and ongoing as needed In progress	Town	Completed, annual updates as needed
Provide training opportunities to local zoning and building code enforcement staff and educate them on damage assessment, mitigation techniques, and other related topics.	M	All	5, 6 / A.1-A.6, B.4,B.5	Town DES, Energy Services, and Planning Staff / in progress	Town	By 5 years of addtlon of this Plan
Integrate the jurisdiction's mitigation plan into the current Capital Improvements Plan, as well as researching other funding opportunities.	M	All	3 / B.2, B.3	Town Manager / Not started yet	Town	By 5 years of addition of this Plan
Continue comprehensive inspection and debris removal program for storm water drainage system	H	All	4 / D.1-D.4	Town Environmental Services (J.Hannigan)/ In progress and ongoing	Town	Annually throughout 5 year update of this Plan from time of adoption
Identify existing flood prone structures that may benefit from mitigation measures such as elevation or flood-proofing techniques. Research grants to fund mitigation implementation	M	Flood	1, 4 / A.3,C.1-C.4	Town Director of Planning / Ongoing, In progress	Town	Annually throughout 5 year update of this Plan from time of adoption
Based upon the community's needs and associated risks, staff Emergency Management, Fire and Rescue, Law Enforcement, Parks and Recreation, Building Inspections Department, and Planning and Zoning at adequate levels as determined by Town Administration.	M	All	5, 6/ B.1-B.5	Town Manager /In progress	Town	Annually throughout 5 year update of this Plan from time of adoption
Continue support of the Virginia Department of Forestry's FIREWISE program.	Medium changed to low priority due to low applicability in Town	Fire	5,6/A.1-A.6, D.1-D.4	Town staff with County Emergency Management and DOF / in progress limited applicability	DOF and County	Throughout 5 year update of Plan from time of adoption

Review and develop land development ordinances that facilitate mitigation of hazards and responsiveness to emergencies during disasters	M	All	3/ A.1, B.1-B.5	Town planning Department / in progress, newly added	Town	By 5 years of addition of this Plan
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City of Winchester Hazard Mitigation Strategies (in addition to the regional strategies):

Action Plan to implement Strategies						
Winchester City						
Mitigation Action	Priority	Hazard(s)	Goals (1-6) / Actions(A-D)	Responsible Dept / Status	Funding Source	Target Completion Date
Procure and install backup generators for lift stations for wastewater treatment plants	H	All	All	Emergency Management Initiated / In progress	VDEM	In progress, to continue until completion or throughout the Plan review cycle.
Create an educational program and administer it throughout the community targeting residents within the City relating to all hazards including pandemic influenza.	H	All	3, 5, 6 / A.1, D.1-D.4	Emergency Management Initiated / In progress	Locality and VDH	In progress, to continue all 5 years of planning cycle.
Create a local informational brochure and distribute the brochure throughout the community to better inform the community with regard to local emergency preparedness information.	M	All	6 / A.1-A.6	Emergency Management Initiated / In progress	VDEM	In progress, to continue all 5 years of planning cycle.
Create a Public Education Program within the public and private schools within the community that will provide disaster preparedness information to the student bodies that can be utilized within their individual homes.	M	All	1, 6 / A.1-A.6, D.1-D.4	Emergency Management Initiated / In progress	Locality, VDEM	In progress, to continue all 5 years of planning cycle.
Create a knowledgeable group of speakers within the community that can be available to present programs regarding Emergency Management Principles and Concepts to groups within the community.	L	All	6 / A.1-A.6	Emergency Management Initiated / In progress	VDEM	In progress, to continue all 5 years of planning cycle.
Conduct public education program throughout the City to residents and businesses relating to the "Shelter Assignments and Management."	L	All	6 / A.1-A.6	Emergency Management Initiated / In progress	VDEM	In progress, to continue all 5 years of planning cycle.
Consider participating in the StormReady Program sponsored by the National Weather Service.	L	Storms, Hurricane, Tornado, Winter Storm	5 / B.1-B.5	Emergency Management Initiated / In progress	VDEM, Locality	To complete by 4 years after Plan adoption.

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Develop plans that will provide continuity of operations for Public Safety and other related disciplines.	H	All	3 / B.1-B.5	Emergency Management Initiated / In progress	Locality, VDEM	In progress, to continue all 5 years of planning cycle.
Develop a comprehensive debris management plan as an annex to the Emergency Operations Plan.	H	All	All	Emergency Management Initiated / In progress	VDEM, VDOT, Locality	To complete by 5 years of planning cycle.
Provide training opportunities to local zoning and building code officials in subject materials such as damage assessment and mitigation.	L	All	All	Emergency Management Initiated / In progress	Locality	To complete by 5 years of planning cycle.
Staff the Departments of Emergency Management, Public Safety and other associated departments at levels that are adequate to support Emergency Program.	L	All	All	Emergency Management Initiated / In progress	Locality, VDEM	To complete by 5 years of planning cycle.
Consider providing necessary electrical hook-ups including wiring and switches to allow ready access and connection of emergency generators to key critical public facilities.	M	All	All	Emergency Management Initiated / In progress	Locality, VDEM	In progress, to complete by 5 years of planning cycle.
Continue to develop and enhance the utilization of the Reverse 9-1-1 calling system.	M	All	All	Emergency Management Initiated / In progress	Locality, VDEM	In progress, to complete by 5 years of planning cycle.
Continue work on the development and administration of Public Education Programs to better educate and prepare the community to deal with natural and man-made disasters.	M	All	All	Emergency Management Initiated / In progress	Locality, VDEM	In progress, to complete by 5 years of planning cycle.
Investigate all schools prioritizing those used as community shelters for resistance to all natural hazards.	L	All	All	Emergency Management Initiated / In progress	Locality, VDEM	In progress, to complete by 5 years of planning cycle.
Review and investigate all flood-prone areas within the 100 year floodplain area and incorporate mitigation measures where possible.	L	Flood	2 / B.1-B.5, C.1-C.4, D.1-D.4	Emergency Management Initiated / In progress	Locality, VDEM	In progress, to complete by 5 years of planning cycle.
Provide NOAA weather radios to all public facilities to permit ready access to weather issued weather statements.	L	All	All	Emergency Management Initiated / In progress	Locality, VDEM	In progress, to complete by 5 years of planning cycle.
Create training opportunities for staff to increase their knowledge and ability to use GIS for emergency management.	H	All	All	Emergency Management, GIS Initiated / In progress	Locality, VDEM	In progress, to complete by 5 years of planning cycle.
Provide National Incident Management System and Incident Command System training to all emergency response personnel and other key support personnel.	H	All	All	Emergency Management Initiated / In progress	Locality, VDEM	In progress, to complete by 5 years of planning cycle.
Inspect and clear debris from storm water drainage systems to prevent property damage from localized flooding created by blocked inlets and transmission systems.	M	All	All	Emergency Management Initiated / In progress	Locality, VDEM, VDOT	In progress, to complete by 5 years of planning cycle.

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Continue to administer building and zoning regulations to insure proper development within flood prone areas.	M	Flood	3 / B.1-B.5, D.1-D.4	Planning Initiated / In progress	Locality, VDEM	Ongoing, to continue through completion, or end of 5 year planning cycle.
Evaluate existing storm water systems to determine if it is adequate for existing and future flood hazards.	L	Flood	2 / D.1-D.4	Emergency Management Initiated / In progress	Locality, VDEM	Ongoing, to continue through completion, or end of 5 year planning cycle.
Review and modify the Emergency Operations Plan to better address the response to hazardous materials incidents by all emergency response personnel.	L	All	3 / C.1-C.4, D.1-D.4, B.2	Planning Initiated / In progress	Locality	ongoing, through 5 year planning cycle for completion.

Chapter 7: Plan Maintenance

This Chapter discusses how identified mitigation strategies will be implemented by participating jurisdictions and how the Plan will be evaluated and updated over time. This section also discusses how the public will continue to be involved in the hazard mitigation planning process. The overall goal is for the Plan to remain a living document. This section was updated as part of the 2012 Hazard Mitigation Plan Update.

Per the FEMA guidance (October 2011) FEMA will accept the planning process as defined by the community. The collaborative nature of the steering committee, public, and local officials have been integral in the development and preparation of this Plan update including the format, mitigation strategies, focus on a website (NSVemergency) as well as other aspects throughout the planning process.

The 2012 revision of the NSV Regional Hazard Mitigation Plan is expected to be adopted by participating jurisdictions in early Fall 2012. The governing body of each locality will be responsible for adopting the Mitigation Plan. Each governing body has the statutory authority to promote actions to prevent the loss of life and property from natural hazards. The Plan has been endorsed by each local government based on review and comment during August 2012. The next step is for NSVRC staff to submit the Plan to the Virginia Department of Emergency Management (VDEM). The VDEM will then submit the plan to the Federal Emergency Management Agency (FEMA) for review and approval. Following FEMA approval, the local governments will formalize their adoption of the approved Plan through a letter or resolution. NSVRC staff is working with the twenty jurisdictions scheduling the work sessions and opportunity for adoption at Council and Board sessions between October through December 2012. By the September 30, 2012, the NSVCR will have a detailed schedule for each date the Plan will be on the agenda for adoption by a locality. This schedule for each locality is presented below based on the most current data available.

Locality	Work Session	Scheduled for Adoption
Clarke County	10/9/2012 10AM	11/20/2012 1PM
Town of Berryville	11/13/12 7:30PM	12/11/12 7:30PM
Town of Boyce		12/5/12 7PM
Frederick County	Oct committee; 11/28/12 7PM	1/22/13 or TBD
Town of Middletown	11/5/12 Time unconfirmed	12/3/12 Time unconf.
Town of Stephens City		11/27/12 7:30PM
Page County	11/6/12 7pm	12/4/12 7PM
Town of Luray	11/12/12 7PM	12/10/12 7PM

Town of Shenandoah	10/23/12 7PM	11/27/12 7PM
Town of Stanley		11/13/12 7PM
Shenandoah County	11/13/12 10AM	11/27/12 7:30PM
Town of Edinburg		11/13 7:30PM
Town of Mt Jackson		11/13 7:30PM
Town of New Market	10/15/12 7:30PM	11/19/12 7:30PM
Town of Strasburg	11/5/2012 7:30PM	11/13/2012 7:30PM
Town of Toms Brook	10/18/12 7PM	12/15/12 7PM
Town of Woodstock	11/6/2012 7:30PM	12/4/12 7:30PM
Warren County	10/2/12 9AM	12/4/12 9AM
Town of Front Royal	10/22/2012 7PM	11/26/12 7PM
City of Winchester	11/27/12 7PM	12/11/12 7PM
<p>Note: All dates not scheduled will be determined by September 30, 2012. Those shaded represent dates unconfirmed.</p>		

All resolutions for adoption of the plan are in Appendix C, Supporting documentation. Public comment was solicited during the drafting of the plan revision and prior to adoption by each participating jurisdiction. Local emergency management officials, planners and NSVRC staff were available to discuss the project at all meetings and hearings.

Each jurisdiction participating in this Plan is responsible for implementing specific mitigation actions as prescribed in the previous chapter. Each action has been assigned to an agency, local government, or where possible, a point of contact that will be a resource for future committee reviews to contact regarding the status of a strategy. Because the locality-specific mitigation actions are directed specifically for each local government, the jurisdictions in the NSV planning region have adopted their locally specific Mitigation Strategy section of the Plan separately. Separate adoption of locally specific actions is required so that each jurisdiction is not responsible for the action(s) of the jurisdiction involved in the planning process. Separate adoption of locally specific actions also allows for each jurisdiction to retain flexibility over its prioritized strategies within the overall plan in between each five-year update of the Plan. Therefore, individual jurisdictions may update that specific section of the Plan individually, without meeting with the remainder of the Hazard Mitigation Committee. Some mechanism of annually tracking status (example surveys, etc.) will be implemented to report strategy status to the regional steering committee. The NSVRC or designated committee member(s) will maintain annual database documenting strategy status such as if the strategy has been completed, is ongoing, or revised. Details of the annual activities are provided below.

Future 5 year cyclic updates were determined by the steering committee to include the following at a minimum:

- Evaluate the Plan and strategies at the end of each calendar year

- Survey localities regarding strategy status and provide suggestions for funding, etc.
- The NSVRC staff, as guided by the steering committee, will issue the survey, review responses, and report findings to all participating jurisdictions, maintain on file in a central database at NSVRC, and report survey findings and recommendations to the VDEM annually.
- The annual Hazard Mitigation update report will be summarized on the NSVRC website (www.NSVregion.org) and made available for public dissemination and comment.
- The NSVRC staff will issue a media release annually that the results of the surveys of local and regional mitigation strategies are complete and available for comment on the website. If the steering committee determines sufficient public interest is initiated in response to the survey results, a public meeting may be held to solicit additional comments.
- The results of any public comments will be included in the annual reporting submitted to VDEM.
- NSVRC staff, as guided by the steering committee, will issue updates and mitigation strategy findings to local businesses, academia, local and regional planning staff, and any state agencies.
- The steering committee will meet twice a calendar each year after the Plan update is approved by FEMA (starting December 2012) and determine if the frequency should be more often based upon needs.
- The results of the findings from the steering committee survey will be included in the NSVRC annual report. The findings will also guide the NSVRC staff work plan annually to ensure support to localities to achieve regional and local mitigation strategies.
- Other annual reviews during the 5-year cycles may include recommendations by state and federal agencies.
- The next formal 5-year Plan update in 2017 will provide a summary of the annual findings.
- The annual survey results will be presented to the Board of Commissioners of the NSVRC representing the participating. Other outreach efforts, as determined appropriate by the steering committee may include presentations and surveys on the NSVemergency website.
- Annual surveys and evaluations for each update by NSVCR staff as guided by the steering committee will also include identification of and a review of any new relevant or pertinent reports, plans, or data that affect natural hazard planning for that community. For example, the annual updates will survey each locality for updated comprehensive or capital improvement plans. As appropriate, the NSVCR planning staff may assist each locality with narrative to update their locality-specific or regional plans to reflect pertinent sections of this Plan, as appropriate.
- The Plan update and evaluations will be issued to the localities and interested stakeholders, by NSVRC staff, as directed by the steering committee, and will include a

schedule of the Plan review meetings, current attendees, and an invitation to participate. In addition, the Plan update shall include the title and name of each contact person, how each locality participated to date. The meetings will also be announced to the general public through NSVRC media releases. To afford various groups and interested citizens the opportunity to participate in the update at specific dates and times.

- During the process of this Plan update, the NSVRC staff monthly meetings included summaries of this Plan to identify any potential overlap with other regional or local projects or Plans. Where possible, plans prepared during the time of this update were revised to reflect the 2012 hazard mitigation Plan update. In the future updates, the NSVRC Executive Director will ensure that hazard mitigation plan is discussed at a minimum quarterly annually during NSVRC staff meetings to raise awareness amongst staff where cross over occurs in other program areas between projects and this Plan. In addition, locality-specific or regional plan updates NSVRC staff is aware of will be encouraged to include relevant sections of this Plan update. For example, NSVRC staff discussions may note overlap between natural hazard mitigation planning and community development and housing (property acquisition and improvement efforts), and transportations planning (example road and bridge improvements), and natural resource planning efforts (example stormwater efforts). Regional and local plans, projects, and programs will be updated to reflect pertinent sections of this Plan update.

The annual surveys and updates of the Plan will be coordinated by the NSVRC hazard mitigation planning staff, and reported by Martha Shickle, Executive Director. The Executive Director will identify the responsible staff to meet the requirements of the annual updates, monitoring implementation, and evaluating effectiveness of the Plan. The NSVRC staff will work under the guidance of the hazard mitigation steering committee and report all findings through the steering committee. The steering committee will determine the survey questions and other mechanisms to interview participating jurisdictions regarding the effectiveness of the monitoring the Plan (through annual surveys and reports of findings); evaluating the effectiveness of the Plan and revise protocol as best meets the guidance of the steering committee. In addition the NSVRC hazard mitigation planning staff will coordinate with the steering committee to update and revise the Plan every five years. The executive director of NSVRC shall submit the Plan update to VDEM annually as approved by the steering committee by March starting March 2014. The participating jurisdictions will be provided with an opportunity to add representatives to the steering committee annually. The 2017 Plan update that will compile the annual findings, updates, and evaluations will also include the following: each participating locality's review and revisions to the Plan, what documents and plans the locality revised to reflect the 2012 Plan update, progress in local mitigation efforts, and changes in strategy priorities. NSVRC on behalf of the localities or the localities will resubmit if to the state and the state will review and advance it to FEMA for approval in order to continue to be eligible for mitigation project grant funding.

A review of the progress on the 2007 local mitigation strategies was completed as part of this Plan update and is presented in Appendix B. In general, most localities have made some progress on their 2007 mitigation strategies, through ordinance reviews, floodplain reviews and management, GIS implementation, and development.

For each identified action, potential funding sources have also been listed that may be used when the jurisdiction begins seeking funding for implementation of the action. These funding sources are not meant to be the only potential funding sources or strategies, but do provide an initial starting point for new projects, as well as projects already in progress. As part of the Hazard Mitigation Steering Committee tracking strategy process, needs for funding can be revisited and updated as needed. It will be the responsibility of each participating jurisdiction to determine additional implementation procedures beyond the Mitigation Action SubPlan, listed in this Plan. Individual localities will be responsible for integrating the Plan into other planning documents, processes or mechanisms such as comprehensive or capital improvement plans, where appropriate. Local officials, planners, and emergency management staff are encouraged to continue to advocate for review and inclusion of identified mitigation strategies into relevant local plans and ordinances, as necessary.

Periodic revisions and updates of the Plan are required to ensure that the goals and objectives of the Plan are kept current, taking into account potential changes in hazards vulnerability and mitigation priorities. This will also include updates to the list of critical facilities. An additional update that will be addressed is the compliance with any new state and federal regulations that could affect the mitigation strategies.

In addition to annual updates conducted by review through the Regional Hazard Mitigation Steering Committee, or designee, this Plan is mandated for a five-year update in 2017. Any increases in population, development, natural setting, urban areas, and new technology for assessing hazards or reducing risks from hazards will be included. In addition, the five-year update will also include any FEMA mapping revisions, or maps where there previously was a lack of coverage. The 2017 update of the NSV Regional Hazard Mitigation Plan will be required to be adopted by all participating jurisdictions. Any local amendments adopted individually will be incorporated into the 2017 updated Plan.

NSVRC and or the Regional Hazard Steering Committee will be responsible for the continued coordination of the annual monitoring of this plan. The Emergency Management Coordinator from each County and the City will provide annual updates to the Committee and or NSVRC staff for an annual report to VDEM. The yearly reports will be compiled at the end of each calendar year, or as identified by the Hazard Mitigation Committee. If any of the Counties or Towns that participated in this planning effort wish to not participate in future updates of the Plan, they must notify NSVRC Executive Director in writing.

To facilitate the localities with grant writing, the annual reviews of this Plan will include a listing of any and all new disaster declarations. Annual losses will be reported by the County and City Emergency Management Coordinators. NSVRC staff will maintain the documentation for the annual reviews of the Plan and house them in a central location, available to all participating localities. These annual updates will serve as the basis for the future 2017 update to the NSV Regional Hazard Mitigation Plan. The NSVRC staff will review the results of the annual survey and evaluations and ensure localities are apprised of opportunities to revise plans to incorporate regional and local hazard mitigation updates and reference this Plan and future iterations.

The results of the five-year review will be summarized in a report prepared by NSVRC staff and reported to the Board of Commissioners for the NSVRC, or to a designated committee. This annual reporting will include summary of any strategy changes in the Plan, an evaluation of the effectiveness of the Plan, and recommendations by the localities, as appropriate. To be included in future updates of the Plan, as information becomes available, is an assessment of climate change and the impacts to the NSV region. The hazard mitigation steering committee also requested that future iterations of this Plan initiate the process to include man-made hazards and the response of the participating jurisdictions to mass evacuations from the Washington – Northern Virginia metropolitan area.

Appendix A

Repetitive Loss Properties in the Northern Shenandoah Valley Region

For additional information, please contact Jilll Keihn at NSVRC jkeihn@NSVregion.org or Amy Howard at VDEM.

Appendix B

Hazard Mitigation Strategies in the Northern Shenandoah Valley Region

Content: 2007 Northern Shenandoah Valley Multi-jurisdictional Hazard Mitigation Plan (removed and incorporated into Chapter 6). For additional information contact NSVRC www.NSVregion.org

Appendix C

Supplemental Information Hazard Mitigation Plan

Content: Media announcements, flyers, draft website , other

HAZARD MITIGATION PLAN REVIEW TOOL

The chart below demonstrates how the Hazard Mitigation Plan meets the regulation in 44 CFR §201.6 and offers States and FEMA Mitigation Planners an opportunity to provide feedback to the community.

- The Regulation Checklist provides a summary of FEMA's evaluation of whether the Plan has addressed all requirements.
- The Plan Assessment identifies the plan's strengths as well as documents areas for future improvement.
- The Multi-jurisdiction Summary Sheet is an optional worksheet that can be used to document how each jurisdiction met the requirements of the each Element of the Plan (Planning Process; Hazard Identification and Risk Assessment; Mitigation Strategy; Plan Review, Evaluation, and Implementation; and Plan Adoption).

The FEMA Mitigation Planner must reference this *Local Mitigation Plan Review Guide* when completing the *Local Mitigation Plan Review Tool*.

Jurisdiction: Northern Shenandoah Valley Regional Commission planning area: The City of Winchester, Clarke County, Town of Berryville, Town of Boyce, Frederick County, Town of Middletown, Town of Stephens City, Page County, Town of Luray, Town of Shenandoah, Town of Stanley, Shenandoah County, Town of Edinburg, Town of Mt Jackson, Town of New Market, Town of Strasburg, Town of Toms Brook, Town of Woodstock, Warren County and Town of Front Royal.		Title of Plan: Northern Shenandoah Valley Regional Hazard Mitigation plan update 2012	Date of Plan: August 2012
Local Point of Contact: Jill Keihn		Address: NSVRC 400 Kendrick Lane, Suite E Front Royal, VA 22630	
Title: Program Manager			
Agency: Northern Shenandoah Valley Regional Commission			
Phone Number: 540-636-8800		E-Mail: jkeihn@NSVregion.org	

State Reviewer: Amy Howard, VDEM	Title: Hazard Mitigation Coordinator	Date: Aug-Sept 2012
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FEMA Reviewer:	Title:	Date:
Date Received in FEMA Region (insert #)		
Plan Not Approved		
Plan Approvable Pending Adoption		
Plan Approved		

While the Regulation Checklist below will be completed by FEMA; the NSVRC staff, provided a preliminary response to the checklist items, to facilitate agency review and assure locality compliance.

**SECTION 1:
REGULATION CHECKLIST**

INSTRUCTIONS: The Regulation Checklist must be completed by FEMA. The purpose of the Checklist is to identify the location of relevant or applicable content in the Plan by Element/sub-element and to determine if each requirement has been 'Met' or 'Not Met.' The 'Required Revisions' summary at the bottom of each Element must be completed by FEMA to provide a clear explanation of the revisions that are required for plan approval. Required revisions must be explained for each plan sub-element that is 'Not Met.' Sub-elements should be referenced in each summary by using the appropriate numbers (A1, B3, etc.), where applicable. Requirements for each Element and sub-element are described in detail in this *Plan Review Guide* in Section 4, Regulation Checklist.

1. REGULATION CHECKLIST		Location in Plan (section and/or page number)	Met	Not Met
Regulation (44 CFR 201.6 Local Mitigation Plans)				
ELEMENT A. PLANNING PROCESS				
A1. Does the Plan document the planning process, including how it was prepared and who was involved in the process for each jurisdiction? (Requirement §201.6(c)(1))	Chapter 2, Locality Participation Table			
A2. Does the Plan document an opportunity for neighboring communities, local and regional agencies involved in hazard mitigation activities, agencies that have the authority to regulate development as well as other interests to be involved in the planning process? (Requirement §201.6(b)(2))	Chapter 2			
A3. Does the Plan document how the public was involved in the planning process during the drafting stage? (Requirement §201.6(b)(1))	Chapter 2			

1. REGULATION CHECKLIST		Location in Plan (section and/or page number)	Met	Not Met
Regulation (44 CFR 201.6 Local Mitigation Plans)				
A4. Does the Plan describe the review and incorporation of existing plans, studies, reports, and technical information? (Requirement §201.6(b)(3))	Chapter 2, and in sections of Chapters 4 and 5.			
A5. Is there discussion of how the community(ies) will continue public participation in the plan maintenance process? (Requirement §201.6(c)(4)(iii))	Chapter 7, Plan Maintenance			
A6. Is there a description of the method and schedule for keeping the plan current (monitoring, evaluating and updating the mitigation plan within a 5-year cycle)? (Requirement §201.6(c)(4)(i))	Chapter 7, Plan Maintenance			
ELEMENT A: REQUIRED REVISIONS				
ELEMENT B. HAZARD IDENTIFICATION AND RISK ASSESSMENT				
B1. Does the Plan include a description of the type, location, and extent of all natural hazards that can affect each jurisdiction(s)? (Requirement §201.6(c)(2)(i))	Chapter 4			
B2. Does the Plan include information on previous occurrences of hazard events and on the probability of future hazard events for each jurisdiction? (Requirement §201.6(c)(2)(ii))	Based on available data, Chapter 4.			
B3. Is there a description of each identified hazard's impact on the community as well as an overall summary of the community's vulnerability for each jurisdiction? (Requirement §201.6(c)(2)(ii))	Based on available data, Chapter 4.			
B4. Does the Plan address NFIP insured structures within the jurisdiction that have been repetitively damaged by floods? (Requirement §201.6(c)(2)(ii))	Yes, Chapter 4, Chapter 6, and Appendix C.			
ELEMENT B: REQUIRED REVISIONS				
ELEMENT C. MITIGATION STRATEGY				
C1. Does the plan document each jurisdiction's existing authorities, policies, programs and resources and its ability to expand on and improve these existing policies and programs? (Requirement §201.6(c)(3))	Chapter 5			
C2. Does the Plan address each jurisdiction's participation in the NFIP and continued compliance with NFIP requirements, as appropriate? (Requirement §201.6(c)(3)(ii))	Chapter 4			
C3. Does the Plan include goals to reduce/avoid long-term vulnerabilities to the identified hazards? (Requirement §201.6(c)(3)(i))	Chapter 6			

1. REGULATION CHECKLIST		Location in Plan (section and/or page number)	Met	Not Met
Regulation (44 CFR 201.6 Local Mitigation Plans)				
C4. Does the Plan identify and analyze a comprehensive range of specific mitigation actions and projects for each jurisdiction being considered to reduce the effects of hazards, with emphasis on new and existing buildings and infrastructure? (Requirement §201.6(c)(3)(ii))	Chapter 6 includes jurisdictional and regional mitigation strategies.			
C5. Does the Plan contain an action plan that describes how the actions identified will be prioritized (including cost benefit review), implemented, and administered by each jurisdiction? (Requirement §201.6(c)(3)(iv)); (Requirement §201.6(c)(3)(iii))	Chapter			
C6. Does the Plan describe a process by which local governments will integrate the requirements of the mitigation plan into other planning mechanisms, such as comprehensive or capital improvement plans, when appropriate? (Requirement §201.6(c)(4)(ii))	Chapter 7			
ELEMENT C: REQUIRED REVISIONS				
ELEMENT D. PLAN REVIEW, EVALUATION, AND IMPLEMENTATION (applicable to plan updates only)				
D1. Was the plan revised to reflect changes in development? (Requirement §201.6(d)(3))	Chapter 3, 4, and 6.			
D2. Was the plan revised to reflect progress in local mitigation efforts? (Requirement §201.6(d)(3))	Chapter 6 in strategy development and assessment.			
D3. Was the plan revised to reflect changes in priorities? (Requirement §201.6(d)(3))	Chapter 6 in strategy development and assessment.			
ELEMENT D: REQUIRED REVISIONS				
ELEMENT E. PLAN ADOPTION				
E1. Does the Plan include documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval? (Requirement §201.6(c)(5))	Resolutions will be appended to Plan following FEMA approval.			
E2. For multi-jurisdictional plans, has each jurisdiction requesting approval of the plan documented formal plan adoption? (Requirement §201.6(c)(5))	Chapter 2 describes process and Appendix A will have signed resolutions from participating jurisdictions adopting Plan appended to Final Plan.			

1. REGULATION CHECKLIST		Location in Plan (section and/or page number)	Met	Not Met
Regulation (44 CFR 201.6 Local Mitigation Plans)				
<u>ELEMENT E: REQUIRED REVISIONS</u>				
ELEMENT F. ADDITIONAL STATE REQUIREMENTS (OPTIONAL FOR STATE REVIEWERS ONLY; NOT TO BE COMPLETED BY FEMA)				
<u>ELEMENT F: REQUIRED REVISIONS</u>				

**SECTION 3:
MULTI-JURISDICTION SUMMARY SHEET (OPTIONAL)**

INSTRUCTIONS: For multi-jurisdictional plans, a Multi-jurisdiction Summary Spreadsheet may be completed by listing each participating jurisdiction, which required Elements for each jurisdiction were 'Met' or 'Not Met,' and when the adoption resolutions were received. This Summary Sheet does not imply that a mini-plan be developed for each jurisdiction; it should be used as an optional worksheet to ensure that each jurisdiction participating in the Plan has been documented and has met the requirements for those Elements (A through E).

MULTI-JURISDICTION SUMMARY SHEET												
#	Jurisdiction Name	Comprehensive Plan	EOP	Staff Resources	CIP	Municipal Code	Requirements Met (Y/N)				F. State Requirements	
							A. Planning Process	B. Hazard Identification & Risk Assessment	C. Mitigation Strategy	D. Plan Review, Evaluation & Implementation		E. Plan Adoption
1	Clarke County	X	X	Staff, Planning, Emergency Management, Zoning, Stormwater	CIP, Budget	X						
2	Town of Berryville		Through County	Staff Planning & zoning, Emergency Management	Budget	x						
3	Town of Boyce	X	Through County	Limited	Budget	X						
4	Frederick County	X	X	Staff, Planning, Emergency Management, Zoning, Stormwater	CIP, Budget	X						

MULTI-JURISDICTION SUMMARY SHEET														
#	Jurisdiction Name	Comprehensive Plan	EOP	Staff Resources	CIP	Municipal Code	Requirements Met (Y/N)							
							A. Planning Process	B. Hazard Identification & Risk Assessment	C. Mitigation Strategy	D. Plan Review, Evaluation & Implementation	E. Plan Adoption	F. State Requirements		
5	Town of Middletown		Through County	Clerk, Zoning, Limited Staff	Budget	X								
6	Town of Stephens City	X	Through County	Staff of Planner	Budget	X								
7	Page County	X	X	Emergency Management Staff	Budget	X								
8	Town of Luray	X (Town Plan)	Through County	Planning, Zoning, Assistant town manager	Budget	X								
9	Town of Shenandoah	Economic Development Plan	Through County	Staff	Budget and Revitalization Fund	X								
10	Town of Stanley		Through County	Emergency Management Staff	Budget	X								
11	Shenandoah County	X	x	Emergency Management, Stormwater, planning and Zoning	CIP, Budget	X								
12	Town of Edinburg		Through County	Staff	Budget	X								
13	Town of Mount Jackson		Through County	Staff	Budget	X								

MULTI-JURISDICTION SUMMARY SHEET

#	Jurisdiction Name	Comprehensive Plan	EOP	Staff Resources	CIP	Municipal Code	Requirements Met (Y/N)						
							A. Planning Process	B. Hazard Identification & Risk Assessment	C. Mitigation Strategy	D. Plan Review, Evaluation & Implementation	E. Plan Adoption	F. State Requirements	
14	X	x	Emergency Management, Stormwater, planning and Zoning	CIP, Budget	X	X							
15	Town of Strasburg		Through County	Staff	Budget	X							
16	Town of Toms Brook		Through County	Limited, Staff planning through NSVRC	Budget	X							
17	Town of Woodstock		Through County	Staff	Budget	X							
18	Warren County	X	x	Emergency Management, Stormwater, planning and Zoning	CIP, Budget	X							
19	Town of Front Royal	X	x	Emergency Management also through County, Stormwater, planning and Zoning	CIP, Budget	X							

MULTI-JURISDICTION SUMMARY SHEET

#	Jurisdiction Name	Comprehensive Plan	EOP	Staff Resources	CIP	Municipal Code	Requirements Met (Y/N)						
							A. Planning Process	B. Hazard Identification & Risk Assessment	C. Mitigation Strategy	D. Plan Review, Evaluation & Implementation	E. Plan Adoption	F. State Requirements	
20	City of Winchester	X	x	Emergency Management, Stormwater, planning and Zoning	CIP, Budget	X							

Contact: Jill Keihn
540-636-8800
jkeihn@NSVregion.org

Hazard Mitigation Group Plans Open House

Front Royal VA, July 27, 2012—The Northern Shenandoah Valley Regional Commission (NSVRC) and the region's Hazard Mitigation Planning Group will host an informational Open House at the NSVRC offices in Front Royal. The purpose of the session is to provide information about the Hazard Mitigation Plan update and to collect input from Valley residents about potential hazards and response.

The Planning Group is in the process of updating a mandated Hazard Mitigation Plan for the area that includes Clarke, Frederick, Warren, Page and Shenandoah counties. Participants also include the City of Winchester and all fourteen towns within the counties.

The Open House, from 4 to 7:30 p.m. on August 16, will include a presentation about the plan's process and components. The presentations take place at 4 and 7 p.m., with remaining time devoted to questions and comments from the public. The event will be held in the NSVRC conference room at 400E Kendrick Lane in Front Royal.

Hazard mitigation planning is required of jurisdictions in order to be eligible for funding through the Federal Emergency Management Agency's (FEMA's) Hazard Mitigation grant programs. When completed the Northern Shenandoah Valley plan will assess hazards, establish mitigation goals and identify projects to help the region prepare for and reduce the impact of natural and man-made disasters. The Northern Shenandoah Valley Regional Commission is facilitating the effort by convening the planning committees which include representatives from jurisdictions around the region.

"Our region's Hazard Mitigation Planning Group wants to hear public concerns about natural disasters and potential hazards that may affect communities. All residents are welcome to come learn about hazard mitigation and contribute their insights," says Jill Keihn of the NSVRC. As to why residents should become involved Keihn adds "The Hazard Mitigation Plan update will guide our region's strategies for emergency mitigation for years to come. Everyone has a stake in it." Keihn serves as Natural Resources Program Manager at NSVRC and is the person responsible for coordinating the hazard mitigation planning effort.

Citizens can also direct comments to the committees by contacting Jill Keihn at 540-636-8800 or by emailing jkeihn@NSVregion.org.

###

The Northern Shenandoah Valley Regional Commission (NSVRC) is one of 21 regional planning district commissions chartered by the Commonwealth of Virginia under the Regional Cooperation Act. The commission is composed of elected officials and citizens appointed by member local governments. NSVRC represents the City of Winchester, the five counties of Clarke, Frederick, Page, Shenandoah and Warren and all jurisdictions within these counties. Offices are located at 400E Kendrick Lane in Front Royal VA.

Contact: Rhonda Turman
540-636-8800
rturman@NSVregion.org

Region Unites for Hazard Mitigation Planning

Front Royal VA, June 14, 2012—Representatives from twenty jurisdictions of the Northern Shenandoah Valley Region have come together to create a Hazard Mitigation Plan for the area that includes Clarke, Frederick, Warren, Page and Shenandoah counties. Participants also include the City of Winchester and all fourteen towns within the counties. The effort is intended to develop a comprehensive, multi-jurisdictional approach to reducing the effects of natural disasters such as flooding, extreme winds, tornados, winter storms and other emergencies.

Hazard Mitigation planning is required of jurisdictions in order to be eligible for funding through the Federal Emergency Management Agency's (FEMA's) Hazard Mitigation grant programs. The mandate allows jurisdictions to develop plans locally or to participate in regional plans. When completed the Northern Shenandoah Valley plan will assess hazards, establish mitigation goals and identify projects to help the region prepare for and reduce the impact of natural and man-made disasters.

The Northern Shenandoah Valley Regional Commission is facilitating the effort by convening two committees. A large Planning Group is comprised of local government and emergency management professionals, as well as institution and agency representatives from the state and region. This group provides local insight and guidance to the plan. A smaller Steering Committee, a subset of the larger group, is engaged in preparing the plan and making recommendations to the Planning Group. The committees also receive guidance and oversight from representatives of the Virginia Department of Emergency Management (VDEM).

Citizens can participate by attending a monthly meeting, providing input on local hazards and emergency preparedness, by making suggestions for hazard mitigation projects, or by commenting on the plan. Public comment sessions are being scheduled to collect input at key points in the process. Citizens can also direct comments to the Committees by contacting the NSVRC's Jill Keihn at 540-636-8800 or by emailing jkeihn@NSVregion.org.

The Northern Shenandoah Valley Hazard Mitigation plan is due to VDEM in August of 2012, for their review prior to submission to FEMA. A draft version is projected to be available for public review in July.

###

The Northern Shenandoah Valley Regional Commission (NSVRC) is one of 21 regional planning district commissions chartered by the Commonwealth of Virginia under the Regional Cooperation Act. The commission is composed of elected officials and citizens appointed by member local governments. NSVRC represents the City of Winchester, the five counties of Clarke, Frederick, Page, Shenandoah and Warren and all jurisdictions within these counties. Offices are located at 400E Kendrick Lane in Front Royal VA.

INVITATION TO ATTEND A PUBLIC
MEETING & OPEN HOUSE TO
COMMENT ON DRAFT REGIONAL
HAZARD MITIGATION PLAN

Please Join Us!

Local Governments, with the assistance of the Northern Shenandoah Valley Regional Commission, are preparing an update to the Regional Hazard Mitigation Plan. The Plan will help localities with projects and priorities for reducing impacts from hazardous events and improving conditions for communities and property in the area.

What: Public Meeting Open House for comments on the Regional Hazard Mitigation Plan Update

When: August 16, 2012- 4:00 p.m. to 7:30 p.m.
Presentations at 4 and 7 p.m.

Where: NSVRC Office Conference Room
400 Kendrick Lane Suite E
Front Royal, VA 22630

Comments received by August 16, 2012 welcome. For more information or to submit a comment contact:

Jill Keihn, Program Manager
Northern Shenandoah Valley Regional Commission
Email: jkeihn@nsvregion.org or Phone: (540) 636-8800

Or go to www.NSVregion.org for more info

The Update of the Regional Hazard Mitigation Plan is being compiled by the Northern Shenandoah Valley Regional Commission under the guidance of the Regional Hazard Mitigation Steering Committee. The Regional Hazard Mitigation Steering Committee is composed of local governments and designees working with hazard mitigation representatives to meet planning requirements and reduce impacts from natural hazards for the Northern Shenandoah Valley area including the City of Winchester; Clarke County; Frederick County; Page County; Shenandoah County; and Warren County; and the fourteen Towns therein.

You Are Part of the Northern Shenandoah Valley's Regional Hazard Mitigation Plan

A REGIONAL APPROACH TO HAZARD MITIGATION PLANNING & EMERGENCY PREPAREDNESS FOR THE NORTHERN SHENANDOAH VALLEY

HAZARD: ANY UNANTICIPATED EVENT THAT HAS THE POTENTIAL TO NEGATIVELY IMPACT PEOPLE OR PROPERTY...

HAZARD MITIGATION: ALL OF THE THINGS THAT WE CAN DO TO PREVENT OR MINIMIZE NEGATIVE IMPACTS ON OUR COMMUNITIES WHEN THESE EVENTS OCCUR.

The purpose of the region's Hazard Mitigation Plan is to develop a comprehensive, multi-jurisdictional approach to reducing the effects of natural disasters such as flooding, hurricanes, tornados, winter storms and human-caused disasters.

When complete, the plan will assess hazards, establish mitigation goals and identify projects that will help the region prepare for and reduce the impacts of natural disasters.

Hazard Mitigation planning is required of localities in order to be eligible for funding through the Federal Emergency Management Agency's (a.k.a FEMA) Hazard Mitigation grant programs. Hazard Mitigation plans are also reviewed by the Virginia Department of Emergency Management.

Your participation is welcomed. Citizens are encouraged to provide input on potential hazards in your locality, to communicate concerns about emergency preparedness and to make suggestions for hazard mitigation projects.

Contact: Jill Keihn at NSVRC to provide your comments.

Visit: www.NSVemergency.org to get more information or comment on line.

Attend: A Public Meeting to learn more. Watch for ads in your local paper or contact NSVRC for information.

Attn: Jill Keihn
400E Kendrick Lane
Front Royal VA 22630
540-636-8800 | info@NSVregion.org



NSV Hazard Mitigation Plan Participating Jurisdictions:

CLARKE COUNTY | FREDERICK COUNTY | PAGE COUNTY | SHENANDOAH COUNTY
WARREN COUNTY | CITY OF WINCHESTER | TOWN OF BERRYVILLE | TOWN OF BOYCE
TOWN OF EDINBURGH | TOWN OF FRONT ROYAL | TOWN OF LURAY | TOWN OF MIDDLETOWN
TOWN OF NEW MARKET | TOWN OF SHENANDOAH | TOWN OF STANLEY | TOWN OF STEPHENS CITY
TOWN OF STRASBURG | TOWN OF TOMS BROOK | TOWN OF WOODSTOCK

What's a Hazard?

A hazard is an unanticipated event that has potential to negatively impact people or property.

What's Hazard Mitigation?

Hazard Mitigation is all the things we can do to prevent or minimize negative impacts on our communities when these events occur.

Hazard Mitigation Plan Update

The localities of the Northern Shenandoah Valley (NSV) are currently engaged in the process of updating the region's Hazard Mitigation Plan. The purpose of the plan is to help our region anticipate and respond to hazardous occurrences that have potential to negatively impact citizens and property.

Citizens are encouraged to participate in the Hazard Mitigation plan update by providing input.

- How do you rank potential hazards in the NSV region?
- What are your concerns about emergency preparedness?
- How would you prioritize Hazard Mitigation efforts for our region?



NSVregion.org | readyVA.gov | [Link](#) | [Link](#)

NSV HAZARD MITIGATION PLAN PARTICIPATING JURISDICTIONS:

- CLARKE COUNTY
- FREDERICK COUNTY
- PAGE COUNTY
- SHENANDOAH COUNTY
- WARREN COUNTY
- CITY OF WINCHESTER
- TOWN OF BERRYVILLE
- TOWN OF BOYCE
- TOWN OF EDINBURGH
- TOWN OF FRONT ROYAL
- TOWN OF LURAY
- TOWN OF MIDDLETOWN
- TOWN OF NEW MARKET
- TOWN OF SHENANDOAH
- TOWN OF STANLEY
- TOWN OF STEPHENS CITY
- TOWN OF STRASBURG
- TOWN OF TOMS BROOK
- TOWN OF WOODSTOCK

[2007 Regional Hazard Mitigation Plan](#)

[Plan Update Meetings](#)

[Comment Here](#)

[Take Our Survey](#)

Public Outreach Component of Regional Hazard Mitigation Plan update

The 'Plan Review Crosswalk' calls for public comment during the drafting stage & prior to the plan approval.

Typical Public Comment activities include:

- A public meeting to review the plan draft & provide comment prior to adoption.
- Draft document available in print and electronic formats for review.
- Placement of ads announcing a public input session, public comment period dates
- A news release to local/regional press re: planning process & public input opportunities.

Other Public Comment activity options:

- A kick off public information meeting when significant interest is expected.
- Multiple public input meetings determined by geography or process time line.

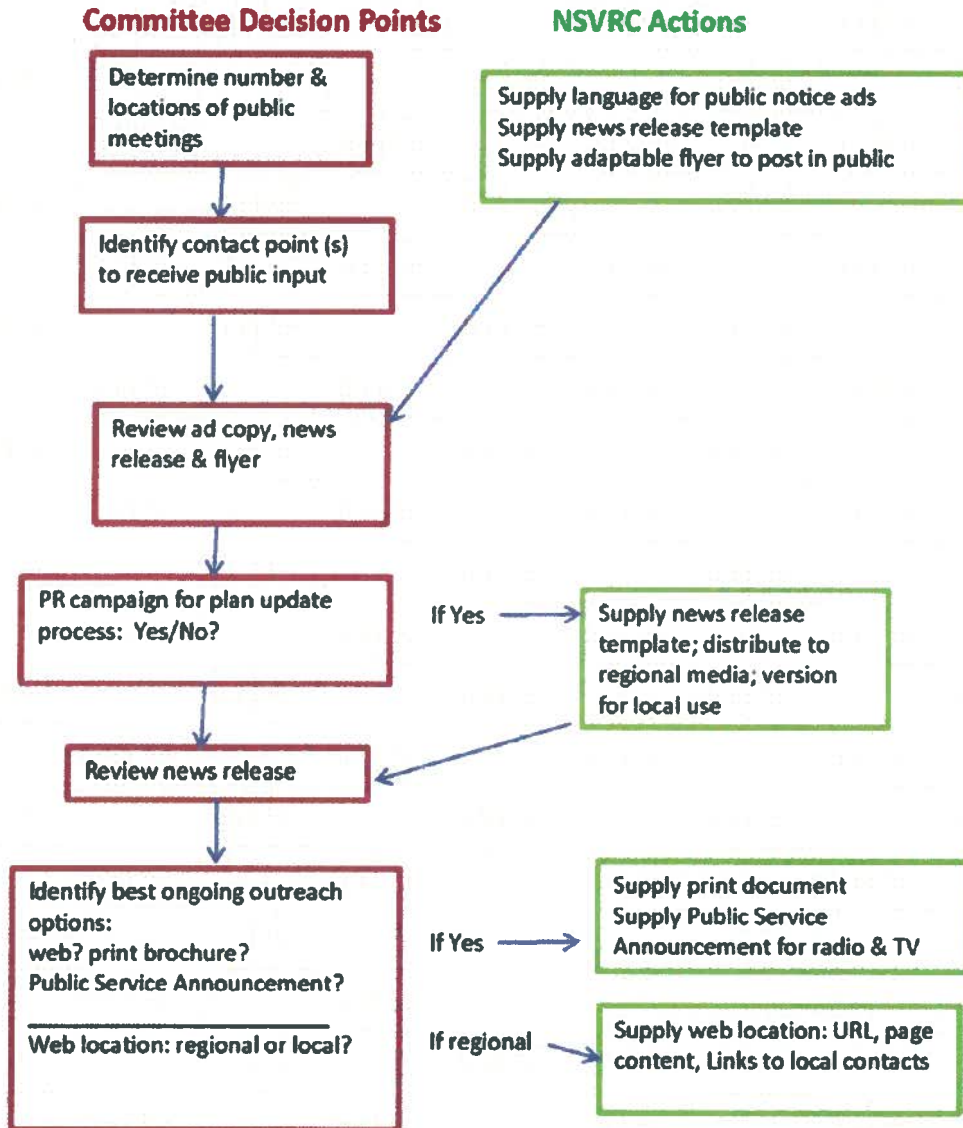
Suggestions from the email questionnaire:

- "Work with local governments and local access cable TV stations to create programming about potential natural hazards as well as preventative measures that homeowners can take to reduce hazards."*
 - "Sample press releases or support with the development of press releases as needed."*
 - "Informational brochures to promote awareness among business and industry as well as residents of the community. The informational brochures could be placed in our hard copy newsletters as well as on the town web site."*
 - "A user friendly summary of the hazard mitigation plan once it is completed to be made available for the web site."*
 - "Communicating the plan, process and status to as many people in the community as possible, especially to local governments and agencies directly involved in support"*
 - "Websites, QR Codes on rack cards, community forums, newspaper briefs, local access channel messages"*
 - "Involvement by citizens in the process, suggestions from the general public and local agencies"*
 - "Ultimately, Page County would like to create an Emergency Services & Response website. This site would be a clearinghouse for all 3 towns and the County so far as information that is suitable for release. The plan update website could be the pre-cursor for the permanent website.*
- Information is a double-edged sword, it can be used for good by those people who need it, and it can also be used for evil purposes by those who wish to damage our communities and hurt their citizens. The release of information needs to be balanced and reviewed for suitability of use and for protection of vital services from terrorists."

Two Parts to Consider in defining the Public Outreach Strategy...

- A. Public Comment & Participation Process***
- B. Beyond PCP Requirements*** Time spent on A will largely determine resources available for B.

Public Outreach for the Hazard Mitigation Plan Update



When Drought Conditions Are Declared...

State regulations stipulate that a minimum of three drought stages be included in our regional drought response plans. The Shenandoah Valley's drought response plan includes the three drought stages described below.

Drought Watch

Increase Water Conservation Awareness

All citizens, including private well users, will be encouraged to begin voluntary water conservation actions

Mow lawns to 2 inches or more and leave clippings (higher cut encourages grass roots to grow deeper to hold soil moisture better than closely clipped lawn.).

Use mulch around plants to reduce evaporation. Aerate lawn to reduce evaporation.

Avoid over fertilizing your lawn. Fertilizer applications increase the need for water. Apply fertilizers that contain slow-release, water-insoluble forms of nitrogen.

Place rain barrels under gutter downspouts to collect water for plants, car washing, or general cleaning projects.

- Plant native or xeric landscaping plants.
- Do not use the garbage disposal.
- Use automatic dishwasher only when load is full.
- Limit showers to 5 mins / day / person.
- Avoid running water to get cold temp, keep a pitcher of cold water in fridge.
- Wrap hot water heater and pipes with insulating material.
- Install faucet aerators.

Drought Warning

Onset of Drought is Imminent, Take Precautionary Measures

All citizens, including private well users, will be encouraged to voluntarily reduce or eliminate non-essential water uses (see under Drought Emergency Actions) and follow the water conservation actions. In addition to those actions listed under the Drought Watch section:

• Use a broom instead of a hose to clean driveways, walks and patios.

• Do not wash hard surfaces or buildings.

• Turn off ornamental fountains or other such structures, unless the water is recycled.

• Reduce lawn watering to no more than 2 times a week, between the hours of 9:00 p.m. and 10:00 a.m.

• Reduce vegetable garden watering by watering only when needed, between the hours of 9:00 p.m. and 10:00 a.m.

• Apply water directly to plants by using soil-soakers or drip irrigation. Avoid use of sprinklers.

• Do not plant new landscaping or grass.

Drought Emergency

Significant Drought or Low Water Event, Mandatory Responses

All citizens, including private well users, will initiate the mandatory non-essential water use restrictions listed below and follow the water conservation actions listed under the Drought Watch and Warning sections described previously.

- Washing paved surfaces such as streets, roads, sidewalks, driveways, garages, parking areas, tennis courts, and patios is prohibited.
- Use of water for washing or cleaning of mobile equipment including automobiles, trucks, trailers and boats is prohibited.
- Use of water for the operation of ornamental fountains, artificial waterfalls, misting machines, and reflecting pools is prohibited
- Use of water to fill and top off outdoor swimming pools is prohibited.
- Water may be served in restaurants, clubs or eating-places only at the request of customers.
- Unrestricted irrigation of lawns is prohibited
- Unrestricted irrigation of golf courses is prohibited.
- Unrestricted irrigation of athletic fields is prohibited
- In cases where water restrictions may not be sufficient, water rationing may be implemented. Under rationing each customer is allotted a given amount of water based on a formula developed by the waterworks or local government.

Shenandoah Valley Drought Response Plan

Virginia's Water Supply Regulations mandate that planning regions, such as the Central Shenandoah (or the Northern Shenandoah), establish a coordinated response to drought conditions in order to minimize the effects of drought on public health & safety, economic activity, and environmental resources. Another important purpose of coordinating Drought Response is preserve the water supply for the entire region.

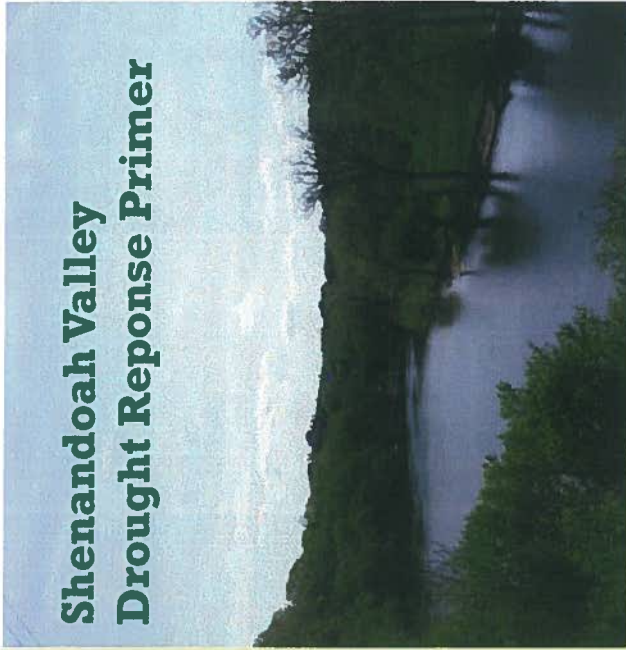
Drought Response is everyone's responsibility. The purpose of this brochure is to inform citizens and businesses of their responsibility when drought conditions occur.

The Regional Water Resource Policy Committee ...

Coming Soon: Drought Ordinances will

If you'd like to learn more about drought we recommend the following sources for additional information

The information in this brochure is brought to you by your Shenandoah Valley Planning Commissions



Shenandoah Valley Drought Reponse Primer

Important Information for Citizens

A drought is a period of time characterized by deficits in precipitation, low soil moisture, and surface and subsurface water levels below normal. The physical water shortages can adversely affect people, crops, and animals.

Drought phase...

A drought phase will be declared when conditions exist that less water is present than under normal stream flows under specific meteorological situations. Public declaration of the drought stage will be determined by your local water purveyor, County Administrative Officer, or a designee determined by your locality.

Clarke County Board of Supervisors

Citizen Comment Period

September 18, 2012
Clarke County Board Of Supervisors
Regular Meeting
Main Meeting Room
1:00 p.m.

At a regular meeting of the Board of Supervisors of Clarke County, Virginia, held in the Main Meeting Room, 2nd Floor Berryville Clarke County Joint Government Center, 101 Chalmers Court, 2nd Floor, Berryville, Virginia on Tuesday, September 18, 2012.

Board Members Present

Barbara Byrd; J. Michael Hobert; Beverly McKay; John Staelin

Board Members Absent

None

Staff Present

David Ash; Jesse Russell; Brandon Stidham; Lora B. Walburn

Others Present

Wade Feller; Charlie Monroe; Dr. Michael Murphy; Dr. Lisa Floyd; Robina Rich Bouffault; Gem Bingol; Jeanne Abigail Custis Marcy; Keith Dalton; David Lasso; Val Van Meter; Ed Leonard; and other citizens

1) Call to Order

Chairman Hobert called the afternoon session to order at 1:04 p.m.

2) Adoption of Agenda

- Closed Session pursuant to §2.2-3711-A29 Discussion of the award of a public contract involving the expenditure of public funds, including interviews of bidders or offerors, and discussion of the terms or scope of such contract, where discussion in an open session would adversely affect the bargaining position or negotiating strategy of the public body

By consensus, the Board approved the agenda as modified.

Board of Supervisors Meeting Minutes For September 18, 2012 – Regular Meeting

3) VDOT

Wade Feller, Maintenance Operations Manager, with Charlie Monroe, Locality Supervisor, appeared before the Board to provide the monthly update.

Maintenance - September:

- Continued with second round mowing on secondary's;
- Applied dust control on non-hard surfaced routes;
- Contract tree crew removed broken and hanging limbs on various routes in the county;
- Cleaned and flushed pipes on routes 601 and 605;
- Trimmed brush around signs and for sight distance on various routes.
- Performed pipe repair on Rt. 50 and pipe cleaning on Rt. 601;

Maintenance – October:

- Contract tree crew will continue with limb removal;
- Continue and complete 2nd round mowing;
- Remove dead tree hazards;
- Conduct asphalt patching operations on route 606;
- Conduct “dry-run” and equipment preparation for upcoming winter operations.

Projects

- Rt. 636, Mosby Road: Proceeding on/ahead of schedule. Will be paving this week, weather permitting. Still anticipating completion before winter.
- Rt. 604, Ebenezer Road: Rural Rustic is completed.
- Rt. 1014, Paige St. Town of Berryville: Status unchanged.
- Turning Lanes Rt. 657/340: Still awaiting survey results and analysis.
- Lewisville Road: Traffic also conducted informal ride-thru for speed request on Lewisville Rd. They are preparing observations response.

Supervisor Comments:

- Supervisor Byrd:
 - Asked for mowing status on Route 340 by Chester Store opining that visibility is limited by high red-top fescue. Charlie Monroe advised that mowing operations

- are currently underway in that area. Mr. Feller added that a change to mowing operations is under consideration by VDOT.
- VDOT is preparing its report on the Lewisville Road drive-over.
 - Supervisor Byrd relayed a compliment from one of her constituents that the crossovers on Route 7 are great.
- Supervisor McKay:
- A resident reported traffic issues on Route 633 Annfield Road. Charlie Monroe will set up a ride through with Supervisor McKay.
- Supervisor Weiss:
- Asked for the status of the Yield sign on Route 7. Charlie Monroe stated that the yield sign that was on the wrong side was adjusted last week. Chairman Hobert requested a formal response from VDOT. He also that a citizen had expressed another safety concern at the same intersection.
- Supervisor Staelin:
- Senseny Road:
 - Citizens have been expressing concern that the proposed turn lanes will encroach on the residential side of the road.
 - Citizens want to see the lay-out.
 - Citizens assert that the right-of-way is not centered properly.
 - VDOT provided:
 - There is 100 feet of right of way.
 - Survey of area is in progress.
 - A VDOT engineer would have to provide response to citizen concerns.
 - It is not anticipated that additional land will be needed to complete the turn lanes.

4) Clarke County Public Schools Update

Dr. Murphy, Superintendent, and Dr. Lisa Floyd, Director of Curriculum and Instruction, appeared before the Supervisors to provide the monthly School update.

- Highlights include:
- Received official notification today that CCPS is the recipient of a \$10,000 Virginia Middle School Teacher Core Grant. This grant allows CPS to train and compensate two teachers to become experts in mathematics.
 - In FY2013, CCPS transitions to revised VA Department of Education, School Nutrition Programs meals standards Final Rule Nutrition Standards in the National School Lunch and Breakfast Programs.

- Supervisor Byrd expressed concern that schools were being tasked with a societal change that requires the parental cooperation and support.
- Severe food allergies of some students allow only a three-minute window for EMS response.
- Today, the area is under a tornado watch.
- The Great Shake Out, the state-wide earthquake drill, will be held on October 18.
- Enrollment running consistent to projections; down 8 students from September 30, 2011 count.
- New high school:
 - Receiving rave reviews from parents and students.
 - HVAC issues being debugged.
 - Surplus school property is being dispersed to various agencies within the County. Remaining surplus will be sold.
- Staffing Considerations:
 - Adding an HVAC mechanic to staff. With the newer, more sophisticated systems, it could be more cost effective to have someone on staff as compared to hiring outside contractors.
 - Groundskeeper position responsible for all school locations.
- Elementary Renovations:
 - Contract signed with RRMM today.
 - School Board anticipates a presentation on options and alternates from RRMM on October 8.
 - Hope to have a contractor on site May / June 2013 and complete by summer 2014.
 - Goal is to limit student transition.
 - Goal is to eliminate trailers once the plan is in place for student locations during renovations.
 - Jim Brinkmeier, Renovation Committee Chair, recused himself from the process of selecting the Architect. A “clerk of the works” is being considered by the School Board.
- Dr. Murphy and Dr. Floyd provided information regarding SOL test data; adequate yearly progress transition; gap groups; test scores; graduation rates.
 - While the Schools are doing good things, the measures are difficult to meet.
 - School staff is doing a great job

- Supervisors Hobert, McKay and Weiss expressed various concerns regarding school statistics, performance measures and reporting.
- Supervisor Byrd asked Dr. Murphy if he would research the first year high school classes were held in what is now Johnson Williams Middle School.
- The Agricultural Department is working with historic Clermont Farm.

5) Citizens Comment Period

No citizens addressed the Board.

6) Approval of Minutes

Supervisor Staelin requested a change on Page 149 12) Miscellaneous Items, Berryville Graphics to remove the first bullet *“Draft Governor’s Development Opportunity Fund Local Grant Performance Agreement.”*

Supervisor Byrd requested that Page 158 of the minutes be amended to record original access comments, *“Supervisor Byrd commented that while it was known that the Thomas’ had granted the church access through their property she asked who originally granted the church access rights. Mrs. Gochenour responded that she believed that access was originally granted by Thomas, Lord Fairfax, the landowner at the time the church was built.”*

Supervisor Staelin moved to approve the minutes for August 21, 2012 as modified. The motion carried by the following vote:

Barbara J. Byrd	- Aye
J. Michael Hobert	- Aye
Beverly B. McKay	- Aye
John R. Staelin	- Aye
David S. Weiss	- Aye

7) Consent Agenda

- A. 2012 VACo Conference Voting Credentials for the Annual Business Meeting

VACo 2012 Annual Meeting
Voting Credentials Form
Form may be returned by mail or fax (804-788-0083)

Voting Delegate:
(Supervisor)

Name J. Michael Hobert
Title Chair - Board of Supervisors
Locality Clarke County

Alternate Delegate:
(Supervisor)

Name John Staelin
Title Supervisor - Millwood Distrist
Locality Clarke County

Certified by:
(Clerk of the Board)

Name David L. Ash
Title County Administrator / Clerk to the Board of Supervisors
Locality Clarke County

VACo 2012 Annual Meeting
Proxy Statement

_____ County authorizes the following person to cast its vote at the 2012 Annual Meeting of the Virginia Association of Counties on November 13, 2012.

_____, a non-elected official of this county.

-OR-

_____ a supervisor from _____ County.

This authorization is:

Uninstructed. The proxy may use his/her discretion to cast _____ County's votes on any issue to come before the annual meeting.

Instructed. The proxy is limited in how he/she may cast _____ County's votes. The issues on which he/she may cast those votes and how he/she should vote are:
(List issues and instructions on the back of this form)

Certified by: Name _____
Title _____
Locality _____

Supervisor Byrd moved to approve the items on the Consent Agenda. The motion carried by the following vote:

- Barbara J. Byrd - Aye
- J. Michael Hobert - Aye
- Beverly B. McKay - Aye
- John R. Staelin - Aye
- David S. Weiss - Aye

8) Set Public Hearing: TA -12-04 Merger of Parcels.

Proposed text amendments to add new language, §10-E Merger of Parcels; to amend Article 2, Usage and Definitions; and to amend §12-E, Vacation of Plat, of the Clarke County Subdivision Ordinance; and to amend Article 9, Definitions, of the Clarke County Zoning Ordinance. The purpose of the text amendments is to require any merger of parcels to be reviewed and approved via final plat by the Zoning Administrator for compliance with County ordinances. The text amendments would also amend the current definition of “merger” in the Ordinances to distinguish the transaction from a “vacation,” and would correct a code reference error in §12-E of the Subdivision Ordinance.

Brandon Stidham provided an overview of the proposed text amendment recommended by the Planning Commission.

The Board asked various questions regarding fees and surveys. Following discussion, the Board requested Mr. Stidham follow up on surveys with Robert Mitchell.

Noting the expense associated with surveys, Supervisor Staelin requested that the matter be held over until after consulting with Mr. Mitchell.

Vice Chair Weiss moved to hold the matter over subsequent to consultation with and opinion from Robert Mitchell. The motion carried by the following vote:

Barbara J. Byrd	- Aye
J. Michael Hobert	- Aye
Beverly B. McKay	- Aye
John R. Staelin	- Aye
David S. Weiss	- Aye

9) Economic Development Project: Berryville Graphics

John Staelin read from the Berryville Graphics Economic Development Proposal

- Businesses can expand and move any place they desire. Thus, Virginia, like most other states, offers cash incentives to encourage businesses to move within its borders. It must be noted, however, that Virginia offers less in cash incentives than most states because it offers businesses so many other advantages. CNBC, for example has stated that Virginia one of the best states for business. Virginia gets its high rating because of its low tax rates, its good educational system, its right-to-work laws and its regulatory climate; not for the cash incentives it offers.

- The Governor's Office is the group that negotiates with businesses that want to move or expand in Virginia. As state and local taxpayer funds are used the Governor's office ensures that all the deals will pay back both the Commonwealth and the locality within three years.
- The Berryville Graphics facility has been in operation since 1956. It has been consistently profitable and is profitable today.
- The owners of Berryville Graphics, Bertelsmann AG, also own other printing companies in Virginia and other States. Last fall Bertelsmann looked into consolidating some of its smaller operations into other existing facilities. Senior management at Bertelsmann narrowed the choice for that consolidation down to two possible locations, Louisville, Kentucky and Berryville, Virginia.
- It is expensive to move printing equipment and train new workers. Thus, Berryville Graphics asked the Governor's Office if the Commonwealth would pay part of the cost of its proposed consolidation if the jobs and equipment came to Virginia vs. Kentucky.
- The Governor's Office knew there was a competition between Kentucky and Virginia for the jobs and equipment. If the Kentucky facility had been chosen not only would 84 New York jobs have gone to Kentucky (vs. VA), 102 Frederick County VA jobs would also have been lost as well. The Berryville plant could have also been affected in the longer term due to the competitive nature of the industry. Members of the Governor's office studied the economics of the situation and decided the Commonwealth should offer a total of \$467,200 in grants to Berryville Graphics if Clarke County and the Town of Berryville would provide \$200,000 of the funds. (By State law these offers require a set local match.) It was announced that of the State funds, it \$67,200 of the grant was to come from the Virginia Jobs Investment Program and \$200,000 was to come from the Governor's Opportunity Fund.
- The grant amount was set after looking at the expected new tax revenues to be derived by the expansion. The state and the localities determined that the entire grant amount provide to Berryville Graphics would be repaid via added tax revenues within about three years.
- Clarke, like most other counties, has a history of investing taxpayer money to encourage business to move within its borders. Clarke built the Business Park with taxpayer money that was ultimately repaid from the sale of Park lots. Now the Business Park brings in thousands in tax revenues annually. Clarke also used both taxpayer and private funds to provide sewer service to the Waterloo Business District. Those funds have also been repaid via hookup fees and added annual tax revenues.
- If the Board of Supervisors approves this action today Clarke County will spend \$106,000 to aid the Governor's efforts to support the Berryville Graphics' expansion in Clarke County. (The Town of Berryville will invest \$94,000) The County's share of the funds will come from the "profits" the County received in the past from the sale of Business Park lots.
- Berryville Graphics will make its investment at the Berryville facility over a three year period. The added tax revenues derived from that three-year expansion is expected to pay back all the local taxpayer funds expended during that same three-year period. After that, it is expected that the Town and County will receive a total of about \$100,000 annually in new tax revenue from the facilities and equipment associated with the expansion. That is an annual

return of about 50% on the original \$200,000 investment in addition to the many other local benefits received by the community's retention of a fortified Berryville Graphics.

- Additional benefits of the this action are; a) 102 regional jobs will be saved and 84 new jobs will come to Berryville from out-of-state locations, b) Berryville Graphics will become a main Bertelsmann facility and thus will be better positioned to benefit from future expansions or consolidations, c) the local businesses that provide services to Berryville Graphics will see more business and d) the new employees at the facility are likely do some of their shopping in Berryville.
- There are risks associated with any decision but every effort was taken to minimize the risks associated with this effort. Berryville Graphics has agreed to specific performance measures that must be met. If it does not do so it is required to return all or part of the grant funds it will receive.

The goals Berryville Graphics has agreed to are:

1. \$10,614,520 in new (to Virginia) capital investment will be made in Berryville within three years. (i.e. new equipment, building upgrades and the transfer of equipment from locations outside Virginia) The value is based on the original purchase price of the equipment. Some of the equipment will be brand new. All of the equipment is modern but a good portion of the equipment being transferred in has already been depreciated the maximum allowable amount, down to 20% of its original purchase price. The depreciated value is the value on which the County's and Town's Machinery and Tools taxes will be calculated.
2. An additional \$8,705,086 in capital investment will be transferred from Frederick County to Berryville within three years. Again, the value is based on the original purchase price and much has been depreciated.

Note: even using the depreciated value of the equipment listed in #1 and #2, the total continuing tax revenue to be received by the County and Town (e.g. Real Estate and Machinery and Tools taxes) associated with the company's investment is expected to be about \$100,000 per year three years from now.

3. A total of 186 new jobs will be created at the Berryville facility within three years. These jobs must be in addition to the number employed as of 1/19/2012. At least 84 of those jobs are to be new jobs in Virginia (not jobs transferred from other Virginia locations) and at least 30% of the new jobs must be offered to Virginia residents.
4. The average wage of the new Clarke County jobs is to be at least \$41,584.

Comments On The Process For Obtaining A Governor's Opportunity Fund Grant

The Governor's Opportunity Fund (GOF) was set up by the General Assembly and is governed by the laws and regulations of the Commonwealth. A complete description of the program can be found on the Internet at <http://virginiaallies.org/incentives.html> and http://www.yesvirginia.org/whyvirginia/financial_advantages/business_incentives.aspx.

The above websites explain the rules of the program and how to apply for a grant. The website also provides sample contracts and the contact information for those responsible for the program.

The program's rules have been in effect for years and have been followed by countless localities. Some of the key steps and rules are outlined below.

- The Virginia Economic Development Partnership (VEDP) is the group that is to negotiate all Governor Opportunity Fund contracts with the companies involved. These negotiations are handled in two distinct steps. The first set of negotiations between the company and VEPD simply defines a general framework for an agreement. If the two sides cannot agree to a general framework the process ends without any action. VEPD keeps the Locality informed of its progress during this first negotiation process but requires that the negotiations be kept confidential.

(In our case, the Board of Supervisors received updates about the Berryville Graphics negotiations in Closed Session on January 17th and February 6th. The Town got its update in Closed Session on February 14th.)

- One rule of the GOF program is that neither the Locality nor the company can announce the GOF award until after the Governor's announcement is made. "Upon approval of a GOF grant or loan, neither the locality nor the company shall announce or confirm the proposed project without coordination with VEDP. The new jobs and capital investment targets in the performance agreement will be used in the press release when the public announcement is made. If the targets are not used for the public announcement of the project, or if the public announcement is made by anyone other than the Governor, the grant award is subject to being reduced or withdrawn."

(In our case, the Berryville Graphics' proposal was approved in concept by the Governor's Office on the Governor's trip to Germany and the Award was announced on June 12. The Governor's Office distributed a press release about the proposed Berryville Graphics grant award at that time. The local papers covered the story. Several Town and County officials were asked what they thought about the Governor's action and were quoted as saying they supported it. They also made it clear to the public that the deal required a \$200,000 local match and that they felt that the match would be a good investment of local taxpayer funds. Prior to the Governor's announcement, neither the company nor any local official was allowed to mention the proposed project in public.)

- Another rule of the program is that Governor's Office requires that it receive a letter of support from the Locality regarding the project before the Governor makes his decision about it.

(In our case, the draft for the County's letter of support was written by the staff at VEPD to ensure it followed all the program's guidelines. The draft was reviewed by the County's counsel and signed by David Ash, the County Administrator. It was submitted to the Governor's Office on June 1st. The letter did not constitute an action by the Board of Supervisors and did not formally commit to the expenditure of any funds. A final decision with regard to committing funds could not be made at that time as a second set of negotiations was still needed between the Berryville Graphics and VEPD. That set of

negotiations would create the detailed agreement between the parties. That second set of negotiations could not even start until after June 12th, the date the Governor gave his tentative approval of the project. If that second set of negotiations was not successful the entire deal would have to be cancelled.)

- After the tentative award is first announced by the Governor a team from the VEPD negotiates the details of the Performance Contract with the Company. Again, local government is kept informed of the negotiations but is barred from discussing the details of the negotiations in public.

(In our case the deadline for coming to that agreement was September 30, 2013. The negotiations were delayed by holiday schedules and the Board of Supervisors did not receive the final wording of the contract until September 17, 2012.)

- Local government has nothing to vote on until after the company and the Governor's Office have finalized their detailed agreement. Only after the agreement is finalized can the Locality truly discuss the detailed agreement and take action to either approve or reject it.

(In our case that date for such a discussion is September 18, 2012, the date of the first Board of Supervisor's first meeting after receipt the final contract from VEPD.)

Vice Chair Weiss opined that this was a sensible transaction that kept an established business in the county. He expressed his appreciation for Supervisor Staelin's efforts.

Supervisor Byrd commented on the addition of high paying jobs.

Supervisor McKay commented that Supervisor Staelin worked tirelessly for the citizens. He also expressed appreciation for Supervisor Staelin's efforts.

Chairman Hobert concurred with previous comments made by fellow Board members. He asserted that this was a good step toward economic development particularly in connection with for a long-standing company in the community, as well as an excellent investment for the Town and County.

- A. Authorize and Execute County and Town Agreement Regarding Berryville Graphics, Inc. Economic Development Project.

COUNTY AND TOWN AGREEMENT REGARDING BERRYVILLE GRAPHICS, INC. ECONOMIC DEVELOPMENT PROJECT

THIS AGREEMENT dated the 18th day of September, 2012, is by and between the County of Clarke County, Virginia ("County") and the Town of Berryville, Virginia ("Town").

WHEREAS, both the County and the Town desire to help Berryville Graphics, Inc. ("Berryville Graphics") expand its business in Berryville; and

WHEREAS, the Commonwealth of Virginia has offered to provide Berryville Graphics with a \$200,000.00 grant from the Governor's Opportunity Fund and \$67,200.00 in support through the Virginia Jobs Investment Program; and

WHEREAS, the Governor's Opportunity Fund requires a match of \$200,000.00 from the participating localities; and

WHEREAS, both the County and Town will receive additional tax revenues from Berryville Graphics as a result of its expansion and are willing to share the cost of the \$200,000.00 local match; and

WHEREAS, the Industrial Development Authority of Clarke County, Virginia ("IDA") has also agreed to support Berryville Graphics' expansion September 18, 2012 by acting as the entity for the distribution of the state and local funds and by advancing the Town's portion of the local match; and

WHEREAS, the County, Berryville Graphics, and the IDA have entered into a Performance Agreement setting forth performance requirements by Berryville Graphics and provisions for the administration of the state and local funds; and

WHEREAS, the County must request the Governor's Opportunity Fund grant by September 30, 2012, and the grant and the local match must be paid by the IDA to Berryville Graphics within 30 days of receipt of the grant by the County; and

WHEREAS, the County and the Town desire to set forth their agreement for providing local match and for fiscal administration of the provisions of the Performance Agreement for the state and local funds.

NOW, THEREFORE, the County and Town agree-as follows:

1. The County will pay \$106,000.00 (53.0%) of the local match.
2. The Town will pay \$94,000.00 (47.0%) of the local match, which amount shall be advanced by the IDA pursuant to a separate agreement between the Town and the IDA.
3. Clarke County shall act as fiscal agent for receiving the Governor's Opportunity Fund grant and distributing the grant to the IDA, for monitoring Berryville Graphic's compliance with the Performance Agreement, and for receiving and distributing any repayments under the Performance Agreement.
4. If Berryville Graphics does not meet its targets under the Performance Agreement and repayments are made by Berryville Graphics, the local portion

of such repayments shall be distributed 53% to the County and 47% to the Town.

B. Authorize and Execute Governor's Development Opportunity Fund Clarke Local Grant Performance Agreement

Supervisor Staelin distributed a final, revised version of the following:

GOVERNOR'S DEVELOPMENT OPPORTUNITY FUND CLARKE LOCAL GRANT PERFORMANCE AGREEMENT

This **PERFORMANCE AGREEMENT** made and entered this 18th day of September, 2012, by and among the **COUNTY OF CLARKE, VIRGINIA** (the "Locality") a political subdivision of the Commonwealth of Virginia (the "Commonwealth"), **BERRYVILLE GRAPIDCS, INC.** (the "Company"), a Delaware corporation authorized to transact business in the Commonwealth, and the **INDUSTRIAL DEVELOPMENT AUTHORITY OF CLARKE COUNTY, VIRGINIA** (the "Authority"), a political subdivision of the Commonwealth.

WITNESSETH:

WHEREAS, the Locality has been awarded a grant of and expects to receive \$200,000 from the Governor's Development Opportunity Fund (a "GOF Grant") through the Virginia Economic Development Partnership Authority ("VEDP") for the purpose of inducing the Company to expand, improve and operate a manufacturing facility in the Locality (the "Facility"), thereby making a significant Capital Investment, as hereinafter defined, and creating and maintaining a significant number of New Jobs, as hereinafter defined;

WHEREAS, the Authority wishes to make a grant of \$200,000 from funds provided to it by the Locality (the "Local Grant") for the purpose of inducing the Company, directly or indirectly, to expand, improve and operate the Facility in the Locality, thereby making or causing to be made a significant Capital Investment, and creating and maintaining a significant number of New Jobs;

WHEREAS, the Locality, the Authority and the Company desire to set forth their understanding and agreement as to the payout of the GOF Grant and the Local Grant (together, the "Grants"), the use of the proceeds of the Grants, the obligations of the Company regarding Capital Investment and New Job creation and maintenance, and the repayment by the Company of all or part of the Grants under certain circumstances;

WHEREAS, the expansion and operation of the Facility will entail a capital expenditure of approximately \$10,614,520, of which approximately \$9,905,225 will be invested in machinery and equipment and approximately \$709,295 will be invested in the up-fit of the building;

WHEREAS, the expansion and operation of the Facility will further entail the creation and maintenance of 84 New Jobs at the Facility; and

WHEREAS, the stimulation of the additional tax revenue and economic activity to be generated by the Capital Investment and New Jobs constitutes a valid public purpose for the expenditure of public funds and is the animating purpose for the Grants:

NOW, THEREFORE, in consideration of the foregoing, the mutual benefits, promises and undertakings of the parties to this Agreement, and other good and valuable consideration, the

Receipt and sufficiency of which are hereby acknowledged, the parties covenant and agree as follows.

Section 1. Definitions.

For the purposes of this Agreement, the following terms shall have the following definitions:

"Capital Investment" means a capital expenditure by or on behalf of the Company in Taxable real property, taxable tangible personal property, or both, at the Facility on or after April 1, 2012. Capital Investment includes the acquisition price of equipment to be transferred to the Facility from the Company's current facilities in other states, which assets are estimated to have had an acquisition price of \$7,224,275. Capital Investment does not include the acquisition price or other value of equipment transferred to the Facility from the Company's current facility in Frederick County, Virginia. The total capital expenditure of \$10,614,520 is referred to in this Agreement as the "Capital Investment."

"Maintain" means that the New Jobs created pursuant to the Grants will continue without interruption from the date of creation through the Performance Date. Positions for the New Jobs will be treated as Maintained during periods in which such positions are not filled due to (i) temporary reductions in the Company's employment levels (so long as there is active recruitment for open positions), (ii) strikes and (iii) other temporary work stoppages.

"New Job" means new permanent full-time employment of an indefinite duration at the Facility for which the standard fringe benefits are paid by the Company for the employee, and for which the Company pays an average annual wage of at least \$41,584. Each New Job must require a minimum of either (i) 35 hours of an employee's time per week for the entire normal year of the Company's operations, which "normal year" must consist of at least 48 weeks, or (ii) 1,680 hours per year. Seasonal or temporary positions, positions created when a job function is shifted from an existing location in the Commonwealth, and positions with construction contractors, vendors, suppliers and similar multiplier or spin-off jobs shall not qualify as New Jobs. The New Jobs must be in addition to the 464 full-time jobs at the Facility as of January 19, 2012. The New Jobs must be in addition to the 102 full-time jobs to be transferred to the Facility from the Company's current facility in Frederick County.

"Performance Date" means September 30, 2015. If the Locality, in consultation with the Authority and VEDP, deems that good faith and reasonable efforts have been made

and are being made by the Company to achieve the Targets, the Locality may agree to extend the Performance Date by up to 15 months. If the Performance Date is extended, the Locality shall send written notice of the extension to the Authority, the Company and VEDP and the date to which the Performance Date has been extended shall be the "Performance Date" for the purposes of this Agreement.

"Targets" means the Company's obligations to make Capital Investments at the Facility of at least \$10,614,520 and to create and maintain at least 84 New Jobs at the Facility, all as of the Performance Date.

"Virginia Code" means the Code of Virginia of 1950, as amended.

Section 2. Targets.

The Company will develop and operate the Facility in the Locality, make a Capital Investment of at least \$10,614,520, and create and maintain at least 84 New Jobs at the Facility, all as of the Performance Date.

The Locality and the Authority hereby strongly encourage the Company to ensure that at least thirty percent (30%) of the New Jobs are offered to "Residents" of the Commonwealth, as defined in Virginia Code Section 58.1-302. In pertinent part, that definition includes natural persons domiciled in Virginia or natural persons who, for an aggregate of more than 183 days of the year, maintained a place of abode within the Commonwealth, whether domiciled in the Commonwealth or not.

The average annual wage of the New Jobs of at least \$41,584 is more than the prevailing average annual wage in the Locality of \$38,200. The Locality is not a high-unemployment locality, having an unemployment rate for 2011, which is the last year for which such data is available, of 5.0% as compared to the 2011 statewide unemployment rate of 6.2%. The Locality is not a high-poverty locality, with a poverty rate for 2010 which is the last year for which such data is available, of 8.3% as compared to the 2010 statewide poverty rate of 11.1%.

The Company shall provide the option for its current 81 employees to move from its facility in Frederick County to the Facility. Pursuant to Section 2.2-115(D) of the Virginia Code, the Secretary of Commerce and Trade sent a letter to the Chairmen of the Senate Finance and House Appropriations Committees explaining and justifying this move.

Section 3. Disbursement and Use of Grants.

(a) *Disbursement and Use of GOF Grant:* By no later than September 30, 2012, the Locality will request the disbursement to it of the GOF Grant. If not so requested by the Locality by September 30, 2012, this Agreement will terminate. The Locality and the Company will be entitled to reapply for a GOF Grant thereafter, based upon the terms, conditions and availability of funds at that time.

The GOF Grant in the amount of \$200,000 will be paid to the Locality, upon its request. Within 30 days of its receipt of the GOF Grant proceeds, the Locality will disburse the GOF Grant proceeds to the Authority. Within 30 days of its receipt of the GOF Grant proceeds, the Authority will disburse the GOF Grant proceeds to the Company as an inducement to the Company to achieve the Targets at the Facility. The Company will use the GOF Grant proceeds for (i) public and private utility extension or capacity development on and off site, (ii) grading, drainage, paving, and any other activity required to prepare a site for construction, or (iii) construction or build-out of publicly or privately owned buildings, as permitted by Section 2.2-115(D) of the Virginia Code.

(b) *Disbursement and Use of Local Grant:* The Authority will receive at least \$200,000 from the Locality for the purpose of making the Local Grant. The Local Grant in the amount of \$200,000 will be disbursed by the Authority to the Company at the same time that the Authority disburses the GOF Grant proceeds to the Company. The disbursement of the Local Grant to the Company is being made as an inducement to the Company to achieve the Targets at the Facility.

The Company will use the Local Grant proceeds to offset the cost of utility extension work to service the Facility and the cost of the up-fit to the Facility.

Section 4. Break-Even Point; State and Local Incentives.

VEDP has estimated that the Commonwealth will reach its "break-even point" by the Performance Date. The break-even point compares new revenues realized as a result of the Capital Investment and New Jobs at the Facility with the Commonwealth's expenditures on incentives, including but not limited to the GOF Grant. With regard to the Facility, the Commonwealth expects to provide incentives in the following amounts:

<u>Category of Incentive:</u>	<u>Total Amount</u>
GOF Grant	\$200,000
Virginia Jobs Investment Program ("VJIP") (Estimated)	67,200

The Locality expects to provide the following incentives, as matching grants or otherwise, for the Facility:

<u>Category of Incentive:</u>	<u>Total Amount</u>
Local Grant	\$200,000

The proceeds of the GOF Grant shall be used for the purposes described in Section 3(a). The VJIP grant proceeds shall be used by the Company to pay or reimburse itself for recruitment and training costs. The proceeds of the Locality's grant shall be used for the purposes described in Section 3(b).

Section 5. Repayment Obligation.

(a) *If Minimum Statutory Eligibility Requirements are Not Met:* Section 2.2-115 of the Virginia Code requires that the Company make a Capital Investment of at least \$5,000,000 in the Facility and create and Maintain at least 50 New Jobs at the Facility in order to be eligible for the GOF Grant. Failure by the Company to meet either of these minimum statutory eligibility requirements by the Performance Date shall constitute a breach of this Agreement and the entire amount of both Grants must be repaid by the Company to the Authority.

(b) *GOF Grant – If Minimum Statutory Eligibility Requirements are Met:* For purposes of repayment, the GOF Grant is to be allocated as \$100,000 (50%) for the Company's Capital Investment Target and \$100,000 (50%) for its New Jobs Target. If the Company has met at least ninety percent (90%) of both of the Targets at the Performance Date, then and thereafter the Company is no longer obligated to repay any portion the GOF Grant. If the Company has not met at least ninety percent (90%) of either or both of its Targets at the Performance Date, the Company shall repay to the Authority that part of the GOF Grant that is proportional to the Target or Targets for which there is a shortfall. For example, if at the Performance Date, the Capital Investment is only \$6,368,712 (60% of the Capital Investment Target) and only 42 New Jobs have been created and Maintained (50% of the New Jobs Target), the Company shall repay to the Authority forty percent (40%) of the moneys allocated to the Capital Investment Target (\$40,000) and fifty percent (50%) of the moneys allocated to the New Jobs Target (\$50,000).

(c) *Local Grant- If the Statutory Minimum Requirements are Met:* The following provisions of this subsection (c) apply only if the Company has met both of the minimum statutory eligibility requirements set forth in subsection (a). For purposes of repayment, the Local Grant is to be allocated as \$200,000 (100%) for the Company's Capital Investment Target, as modified in the following provisions of this subsection (c).

For the purposes of the Local Grant, the Locality, the Authority and the Company have assumed that capital expenditures will be made in the Locality in the following categories of expenditures and in the following time frames:

Building Improvements:
Within 1 year: \$ 709,295

New Equipment:
Within 2 years:
\$1,876,665
Within 3 years: 2,680,950

All Relocated Equipment (Being Transferred into the Locality; Value When Purchased):
Within 2 years: \$11,150,553
Within 3 years: \$15,929,361

Based upon these numbers, the Company will have made capital expenditures at the Facility (including the acquisition value of all relocated equipment) by the end of the second year of \$13,736,513 and by the end of the third year of \$19,319,606.

If by September 30, 2014, the Company has not made capital expenditures at the Facility (including the acquisition value of all relocated equipment) of at least \$10,989,201 (80% of \$13,736,513), a repayment of a portion of the Local Grant will be due from the Company to the Authority calculated by subtracting the percentage of the capital expenditures so made from 80%, then multiplying the difference by \$135,000. For example, if the Company has made such capital expenditures of \$10,302,385 (75% of \$13,736,513): $80\% - 75\% = 5\% \times \$135,000 = \$6,750$ repayment.

If by the Performance Date, the Company has not made capital expenditures at the Facility (including the acquisition value of all relocated equipment) of at least \$19,319,606, a repayment of a portion of the Local Grant will be due from the Company to the Authority calculated by subtracting the percentage of the capital expenditures so made from 100%, then multiplying the difference by \$200,000, and subtracting one-half of any repayment made in accordance with the prior paragraph. For example, if the Company made 82% of its capital expenditures required by September 30, 2014, so owed no repayment in accordance with the prior paragraph, but made such capital expenditures at the Facility by the Performance Date of only \$17,387,645 (90% of \$19,319,606): $100\% - 90\% = 10\% \times \$200,000 = \$20,000$ repayment. For a further example, if the Company owed a repayment as described in the prior paragraph of \$6,750 and made such capital expenditures by the Performance Date of only \$17,387,645 (90% of \$19,319,606): $100\% - 90\% = 10\% \times \$200,000 = \$20,000 - \$3,375$ (1/2 of \$6,750) = \$16,625 repayment.

(d) *Determination of Inability to Comply:* Notwithstanding subsections (a), (b) or (c), if the Locality or VEDP shall determine at any time prior to the Performance Date (a "Determination Date") that the Company is unable or unwilling to meet and Maintain its Targets by and through the Performance Date, and if the Locality, the Authority or VEDP shall have promptly notified the Company of such determination, the Company must repay the entire amount of both Grants to the Authority. Such a determination will be based on such circumstances as a filing by or on behalf of the Company under Chapter 7 of the U.S. Bankruptcy Code, the liquidation of the Company, an abandonment of the Facility by the Company or other similar significant event that demonstrates that the Company will be unable or is unwilling to satisfy the Targets.

(e) *Repayment Dates:* Such repayment shall be due from the Company to the Authority within ninety days of the Performance Date or September 30, 2014 (as to subsection (c) above) or the Determination Date, as applicable. Any moneys repaid by the Company to the Authority hereunder shall be repaid by the Authority to the Locality. Any money repaid to the Locality allocable to the GOF Grant shall be repaid by the Locality promptly to VEDP for redeposit into the Governor's Development Opportunity Fund. The Locality and the Authority shall use their best efforts to recover such funds, including legal action for breach of this Agreement. Neither the Locality nor the Authority shall have any responsibility for the repayment of any sums hereunder unless said sums have been received by the Authority from the Company.

Section 6. Company Reporting.

The Company shall provide, at the Company's expense, detailed verification reasonably satisfactory to the Locality, the Authority and VEDP of the Company's progress on the Targets. Such progress reports will be provided annually, starting at January 1, 2013 and covering the period through the prior September 30, and at such other times as the Locality, the Authority or VEDP may reasonably require.

With each such progress report, the Company shall report to VEDP the amount paid by the Company in the prior calendar year in Virginia corporate income tax. VEDP has represented

to the Company that it considers such information to be confidential proprietary information that is exempt from public disclosure under the Virginia Freedom of Information Act and that such information will be used by VEDP solely in calculating aggregate return on invested capital analyses for purposes of gauging the overall effectiveness of economic development incentives.

Section 7. Notices.

Any notices required or permitted under this Agreement shall be given in writing, and shall be deemed to be received upon receipt or refusal after mailing of the same in the United States Mail by certified mail, postage fully pre-paid or by overnight courier (refusal shall mean return of certified mail or overnight courier package not accepted by the addressee):

if to the Company, to:

Berryville Graphics, Inc.
25 Jack Enders Blvd
Berryville, VA 22611
Attention: Mark Bone, General Manager

With a copy to:

Berryville Graphics, Inc.
25 Jack Enders Blvd
Berryville, VA 22611
Attention: Blaine York, Controller

if to the Locality, to:

County of Clarke
101 Chalmers Court,
Suite B Berryville, VA 22611
Attention: David Ash, County Administrator

With a copy to:

Robert T. Mitchell, Jr., County Attorney
9 E. Boscawen St.
Winchester, VA 22601

if to the Authority, to:

IDA of Clarke County, Virginia
101 Chalmers Court,
Suite B Berryville, VA 22611
Attention: Jesse Russell, Economic Development
Coordinator

With a copy to:

County of Clarke
101 Chalmers Court,
Suite B Berryville, VA 22611
Attention: David Ash, County Administrator

If to VDEP, to:

Virginia Economic Development Partnership
901 East Byrd Street, 19th Floor
Post Office Box 798 (zip: 23218-0798)
Richmond, Virginia 23219
Attention: President and CEO

With a copy to:

Virginia Economic Development Partnership
901 East Byrd Street, 19th Floor
Post Office Box 798 (zip: 23218-0798)
Richmond, Virginia 23219
Attention: General Counsel

Section 8. Miscellaneous.

(a) *Entire Agreement; Amendments:* This Agreement constitutes the entire agreement among the parties hereto as to the GOF Grant and may not be amended or modified, except in writing, signed by each of the parties hereto. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and assigns. The Company may not assign its rights and obligations under this Agreement without the prior written consent of the Locality, the Authority and VEDP.

(b) *Governing Law; Venue:* This Agreement is made, and is intended to be performed, in the Commonwealth and shall be construed and enforced by the laws of the Commonwealth. Jurisdiction and venue for any litigation arising out of or involving this Agreement shall lie in the Circuit Court of the City of Richmond, and such litigation shall be brought only in such court.

(c) *Counterparts:* This Agreement may be executed in one or more counterparts, each of which shall be an original, and all of which together shall be one and the same instrument.

(d) *Severability:* If any provision of this Agreement is determined to be unenforceable, invalid or illegal, then the enforceability, validity and legality of the remaining provisions will not in any way be affected or impaired, and such provision will be deemed to be restated to reflect the original intentions of the parties as nearly as possible in accordance with applicable law.

C. Authorize Request for Payment Letter

Mr. Martin J. Briley
President and Chief Executive Officer
Virginia Economic Development Partnership
P.O. Box 798
Richmond, Virginia 23218-0798

Dear Mr. Briley/Martin:

I am writing to request the release of the \$200,000 Governor's Opportunity Fund grant for Berryville Graphics, Inc. Therefore, in accordance with the payment procedures, a request is formally submitted for the release of these funds, and we certify the following:

1. Clarke County has taken the necessary steps to implement its commitment to the local financial participation as outlined in our Opportunity Fund application of June 1, 2012.
2. These funds will be expended only for those purposes outlined in the Opportunity Fund application of June 1, 2012.
3. All funds are expected to be obligated and spent by June 30, 2013.
4. Any funds not used will be returned to the Commonwealth.
5. A copy of the performance agreement between the locality and the company is attached to this letter.

Regards,
J. Michael Hobert, Chair

Supervisor Staelin moved to approve the agreements as presented and that the Chair or the County Administrator be authorized to execute along with the authorization letter requesting release of funds. The motion carried by the following vote:

Barbara J. Byrd	- Aye
J. Michael Hobert	- Aye
Beverly B. McKay	- Aye
John R. Staelin	- Aye
David S. Weiss	- Aye

10) Board of Supervisors Personnel Committee Items

A. Expiration of Term for appointments expiring through December 2012.

09/10/2012 Summary: A list of appointments expiring through December 2012 is provided for Committee review. At the meeting, the Personnel Committee reviewed the pending appointments through December 2012. No recommendations were made at the meeting.

09/18/2012 Summary: No recommendations made during the 9/18/2012 meeting.

B. Appointments to Warren/Clarke County Microenterprise Assistance Program Management Team.

09/10/2012 Summary: As requested, recommendations for possible appointees will be available for review by the Personnel Committee. At the meeting, the Personnel Committee identified a number of potential appointees. No recommendations were made pending determination of willingness to serve.

09/18/2012 Action: **Supervisor Byrd moved to appoint the following persons to the Warren / Clarke County Microenterprise Assistance Program Management Team:**

1. **County Administration: Brandon Stidham, Planning Director**
2. **Town of Berryville: Christy Dunkle, Assistant Town Manager**
3. **Town of Boyce: Laurel Greene**
4. **County representative: Robert (Bobby) Hobbs**
5. **County representative: Steve Blakeslee**
6. **County representative: Charlie McIntosh**
7. **County representative: Michael Hoffman**
8. **(Alternate) County representative: Dr. Eric Myer**

The motion carried by the following vote:

Barbara J. Byrd	- Aye
J. Michael Hobert	- Aye
Beverly B. McKay	- Aye
John R. Staelin	- Aye
David S. Weiss	- Aye

C. County Attorney Position Review

09/10/2012 Summary: The Personnel Committee will discuss options specific to the County Attorney position. At the meeting, the Personnel Committee discussed various options to fill the recently vacated County attorney position but deferred action pending Finance Committee review.

9/18/2012 Summary: The matter was not discussed at the 9/18/2012 meeting.

11) Board of Supervisors Work Session Items

A. Lewisville Road Update Only

09/10/2012 Summary: Via email on 8/21, Supervisor Byrd requested Ed Carter, VDOT, meet with her to do a drive down Lewisville Road to get his opinion on the possibility of a

lowered speed limit. On 9/7, Ed Carter advised that Lewisville Road is on Traffic Engineering's 9/12 schedule for review.

9/18/2012 Summary: David Ash summarized this item for the Board. No action was taken.

B. Closed Session

09/10/2012 Summary: Closed Session is planned pursuant to Va. Code §2.2-3711(A)(29) for discussion of contract negotiations.

At the meeting, **Supervisor Staelin moved to convene into Closed Session pursuant to §2.2-3711-(A)(29) for discussion of bargaining position and negotiating strategy concerning contracts involving the expenditure of public funds. The motion carried as follows:**

Barbara J. Byrd	- Aye
J. Michael Hobert	- Aye
Beverly B. McKay	- Absent
John R. Staelin	- Aye
David S. Weiss	- Aye

The members of the Board of Supervisors being assembled within the designated meeting place, with open doors and in the presence of members of the public and/or the media desiring to attend, **Supervisor Staelin moved to reconvene in open session. The motion carried as follows:**

Barbara J. Byrd	- Aye
J. Michael Hobert	- Aye
Beverly B. McKay	- Absent
John R. Staelin	- Aye
David S. Weiss	- Aye

and further moved to execute the following Certification of Closed Session:

CERTIFICATION OF CLOSED SESSION

WHEREAS, the Board of Supervisors of the County of Clarke, Virginia, has convened a closed meeting on the date pursuant to an affirmative recorded vote and in accordance with the provisions of the Virginia Freedom of Information Act; and

WHEREAS, Section 2.2-3700 of the Code of Virginia requires a certification by the Board of Supervisors of the County of Clarke, Virginia that such closed meeting was conducted in conformity with Virginia law.

NOW, THEREFORE BE IT RESOLVED, that the Board of Supervisors of the County of Clarke, Virginia, hereby certifies that, to the best of each members knowledge, (i) only public business matters lawfully exempted from open meeting requirements by Virginia law were discussed in the closed meeting to which the certification

resolution applies, and (ii) only such public business matters as were identified in the motion convening the closed meeting were heard, discussed or considered by the Board of Supervisors of the County of Clarke, Virginia.

The motion was approved by the following roll-call vote:

Barbara J. Byrd	- Aye
J. Michael Hobert	- Aye
Beverly B. McKay	- Absent
John R. Staelin	- Aye
David S. Weiss	- Aye

No action was taken on matters discussed in Closed Session.

9/18/2012 Summary: David Ash summarized this item for the Board. No action was taken.

C. Comprehensive Plan Update Consultant RFP Update

09/10/2012 Summary: Brandon Stidham provided an update on the Comprehensive Plan Update Consultant RFP. The Supervisors instructed Mr. Stidham to proceed with the RFP and to work with Mr. Judge to determine the legality and advisability of including non-binding cost estimates.

9/18/2012 Summary: David Ash summarized this item for the Board. No action was taken.

D. Results of Pesticide Sampling – Report Only

9/10/2012 Summary: Included in the packet is the August 8, 2012 Results of Pesticide Sampling Report by Alison Teetor.

9/18/2012 Summary: David Ash summarized this item for the Board. No action was taken.

12) Finance Committee:

1. Assistant Commonwealth's Attorney position

A resignation at the Commonwealth's Attorney Office has led to the attached request for a part-time Commonwealth's Attorney (approx. 20 hours per week), and the need to reevaluate the County Attorney function. The Finance Committee discussed the amount of local tax funds that should be committed to the Assistant Commonwealth's Attorney position, and how that decision would impact funding of the County Attorney position.

The County Attorney position was thereafter discussed, but it was determined that further information was needed to determine whether an employment relationship, or an outside contractor relationship, would be in the best interest of the community. No recommendation was made by the Committee pending receipt of this additional information.

9/10/2012 Summary: The Finance Committee recommends approval of the following: *"Be it resolved that FY 12 Unemployment Compensation Fund budgeted expenditures be increased \$13,769, and the same appropriated, for the purpose of paying unemployment claims."*

9/18/2012 Action: Tom Judge briefly reviewed the request advising that there would be future discussions of this matter. The Board took no action.

2. Acceptance of August Bills and Claims

The Finance Committee recommends acceptance.

09/18/2012 Action: **Supervisor Staelin moved to accept the August 2012 General Government Bills and Claims as presented. The motion carried by the following vote:**

Barbara J. Byrd	-	Aye
J. Michael Hobert	-	Aye
Beverly B. McKay	-	Aye
John R. Staelin	-	Aye
David S. Weiss	-	Aye

3. Standing Reports

Reconciliation of Appropriations. Information Only

13) County Entrance Signs Update by Supervisor John Staelin

Supervisor Staelin stated that the Economic Development Advisory Committee, with Jesse Russell, Economic Development Coordinator, had compiled and reviewed various options. Highlights of the update and Board discussion include:

- EDAC opted for a simple, attractive sign with graphics, as long as it does not detract from the sign.
- EDAC opted for "Clarke County" on the sign without "catch" phrase.
- Initially two signs will be placed one each on Route 7 and 50. More signs can be added if deemed necessary to both ends of Routes 7, 50, and 340.

- Signs can be placed in VDOT right of ways.
- By consensus, the Board agreed to generally support and encourage the EDAC to proceed.

14) Government Projects Update

The monthly project update was provided by David Ash. Highlights include:

- Berryville-Clarke County Government Center
 - The air handling unit for the meeting room wing disintegrated and this morning the replacement was lifted by crane through the roof doors.
 - In the process of replacing the air handling unit this morning, it is believed that a hatch was left open. With the heavy rains, water has been running down the main stairwell causing the Facility Manager to shut down the central stairs.
 - A specification book has been requested from the consultant.
 - Bids to be solicited in next week; will be given 30 days to respond.
 - Work will not start before December possibly January.
 - The BCCGC Joint Building Committee has discussed at length strategy pertaining planning to lessen the impact, as well as the transition of employees. Vice Chairman Weiss put forth that the JBC is trying to structure the retrofit in a way that allows to be accomplished by zone.
- Senior Center/Parks Building
 - Contractor hopes to be complete with all but the punch list by month's end.
 - Original schedule set final by mid-October to the beginning of November.
 - Getting natural gas to site was the largest hold up in this project.
- Sheriff's Office
 - There is a provision in the contract requiring settlement with the first architect before proceeding with someone else. Therefore, the County is waiting on transfer of responsibility from the current architect to Chester Engineering.
- 36 East Main – Former Library
 - Need to compile realtor reports.
- Parks and Recreation
 - Tennis court resurfacing is complete.
 - School tennis courts will be done as priority, time, and funding are determined by School District.

15) Miscellaneous Items

Distribution of “Local Government Official’s Guide to the Virginia Freedom of Information Act”

David Ash distributed the 5th Edition, 2012 of the “Local Government Official’s Guide to the Virginia Freedom of Information Act” by Roger C. Wiley. He informed the Board that this long-awaited update, released last week, replaces the 4th Edition, 2007.

16) Summary of Required Action

<u>Item</u>	<u>Description</u>	<u>Responsibility</u>
1.	Amend and process August minutes.	Lora B. Walburn
2.	Forward approved 2012 VACo Conference Voting Credentials for the Annual Business Meeting.	Lora B. Walburn
3.	TA -12-04 Merger of Parcels follow up with Bob Mitchell on surveys.	Brandon Stidham
4.	TA -12-04 Merger of Parcels hold set public hearing pending further review by Brandon Stidham.	David Ash
5.	Process Berryville Graphics Documents.	Lora B. Walburn
6.	Execute Berryville Graphics Documents.	J. Michael Hobert
7.	Update database to include Warren / Clarke County Microenterprise Assistance Program Management Team and appointees.	Lora B. Walburn
8.	Execute letters of appointment.	J. Michael Hobert

17) Board Member Committee Status Reports

Supervisor Byrd

- Social Services: Monthly meeting will be held tomorrow morning; and to gain greater understanding of the department, it will continue to meet Social Workers to get a brief synopsis of their duties.
- Humane Foundation:
 - o Meets September 19 at noon.

- Next rabies clinic will be held October 20 from 1 to 3 pm and will include dog agility, pony rides, and barbeque.
- Senior Center: The processor will not be charging to cut up the beef, lamb or pork donated to the Senior Center.

Supervisor John Staelin

- Sanitary Authority met this morning and discussed expansion at the Handy Mart in Waterloo, as well as ways the Industrial Development Authority might be able to work through the various issues.

Vice Chairman David Weiss

- Building and Grounds issues presented during Project Update.

Supervisor McKay

- NSVRC: Meets again in October.

Chairman Hobert:

- Joint Administrative Services: Meets Monday, September 24.
- Parks and Recreation Advisory Board: Continues to meet quarterly.

18) Closed Session

At 2:13 pm, **Supervisor Staelin moved to convene into Closed Session pursuant to §2.2-3711-A29 Discussion of the award of a public contract involving the expenditure of public funds, including interviews of bidders or offerors, and discussion of the terms or scope of such contract, where discussion in an open session would adversely affect the bargaining position or negotiating strategy of the public body.**

The motion carried as follows:

Barbara J. Byrd	- Aye
J. Michael Hobert	- Aye
Beverly B. McKay	- Aye
John R. Staelin	- Aye
David S. Weiss	- Aye

The members of the Board of Supervisors being assembled within the designated meeting place, with open doors and in the presence of members of the public and/or the media desiring to attend, at 2:30 pm, **Supervisor McKay moved to reconvene in open session. The motion carried as follows:**

Barbara J. Byrd	- Aye
J. Michael Hobert	- Aye
Beverly B. McKay	- Aye
John R. Staelin	- Aye
David S. Weiss	- Aye

Supervisor McKay moved to execute the following Certification of Closed Session:

CERTIFICATION OF CLOSED SESSION

WHEREAS, the Board of Supervisors of the County of Clarke, Virginia, has convened a closed meeting on the date pursuant to an affirmative recorded vote and in accordance with the provisions of the Virginia Freedom of Information Act; and

WHEREAS, Section 2.2-3700 of the Code of Virginia requires a certification by the Board of Supervisors of the County of Clarke, Virginia that such closed meeting was conducted in conformity with Virginia law.

NOW, THEREFORE BE IT RESOLVED, that the Board of Supervisors of the County of Clarke, Virginia, hereby certifies that, to the best of each members knowledge, (i) only public business matters lawfully exempted from open meeting requirements by Virginia law were discussed in the closed meeting to which the certification resolution applies, and (ii) only such public business matters as were identified in the motion convening the closed meeting were heard, discussed or considered by the Board of Supervisors of the County of Clarke, Virginia.

The motion was approved by the following roll-call vote:

Barbara J. Byrd	- Aye
J. Michael Hobert	- Aye
Beverly B. McKay	- Aye
John R. Staelin	- Aye
David S. Weiss	- Aye

See Agenda Item 9 for Board action following Closed Session.

Chairman Hobert recessed the meeting at 3:16 pm.

Chairman Hobert reconvened the meeting at 6:31 p.m.

19) Citizen Comment Period

No citizens addressed the Board.

20) Continued Public Hearing PH 12-08:

Verizon Wireless requests approval of a Special Use and Site Plan for constructing a monopole on the property located in the 100 block of Mount Carmel Road, Tax Map Parcel 39-A-71, Millwood Election District, zoned Forestal Open-Space Conservation (FOC). SUP-12-01

Jesse Russell provided an update of activities since the August 21, 2012 public hearing where the Supervisors postponed action on the request to allow revision of the site plan to further address the road design and some of the stormwater issues requiring further review. Highlights include:

- Site plan has been revised and the County’s engineers issued a letter of approval.
- A partial waiver of the landscape buffering along the “pinch point” area had been requested by Verizon. The applicant now has agreement with the church to do a landscaping plan.
- Verizon has agreed to remove the existing monopole across Mt. Carmel Road within 60 days of a CO on the new monopole. This is now part of the conditions and been noted on the site plan.
- As requested, Verizon has provided a map of depicting the current and proposed expanded coverage area.

Supervisor Staelin asked how the landscaping issue had been resolved.

Mr. Russell replied that Pastor Adams sent a letter stating that she and the church trustees agreed with the landscaping plan and was in agreement with the partial waiver being requested by Verizon from the Board of Supervisors.

Chairman Hobert asked if the landscaping plan was incorporated in the conditions or whether the waiver was identified in any kind of motion that would be made by the Board.

Mr. Russell replied that there was nothing in regard to a condition on the applicant for the actual partial waiver therefore the Board would have to agree to waive.

Chairman Hobert clarified that the Board would need to make a motion to approve the partial waiver of the required plan and the adoption of whatever conditions are appropriate.

Brandon Stidham and Jesse Russell concurred.

Chairman Hobert asked if the landscaping plan for the “pinch or choke point” was going to be fulfilled.

Mr. Russell replied in the affirmative advising that the church had approved the plan and the cost.

Chairman Hobert asked if staff was recommending that the plan be adopted as a condition to the special use permit.

Mr. Russell replied in the affirmative advising that Verizon and the church had agreed privately to an offsite landscaping plan on the church site.

Supervisor Staelin asked if there was any documentation of the agreement between Verizon and the church.

Mr. Russell replied that there was no contract.

A Verizon representative responded that Verizon had sent an offer letter that the church accepted.

Vice Chairman Weiss asked if the church took money in lieu of the actual planting would they be required to plant the buffer.

Mr. Russell replied that there was no requirement that he could make the church plant the buffer.

Vice Chairman Weiss expressed concern regarding the potential problems of allowing two parties to have an agreement that the county could not enforce.

Mr. Russell replied that the burden is on the adjacent property owner in this matter and the Supervisors, by granting the partial waiver of the landscaping plan, would have acted properly. He opined that if the property owner chose not to plant the buffer

Supervisor Byrd asked if the waiver would weaken the County's buffer requirements.

Mr. Russell responded that he did not believe the waiver would weaken the County's rule. He added that the whole idea of a special use plan was to protect adjacent property owners from any negative impacts and to ensure the protection of public health, welfare and safety.

Brandon Stidham addressed the Board regarding potential future use of the access road. Highlights include:

- There are no driveway standards or access road standards in the ordinance for the tower access road.
- There were concerns regarding access to future dwellings or future uses of the property because the subject property is large with two dwelling unit rights.
- In the FOC district there is no set requirement that a dwelling automatically have a driveway constructed to the County's minimum standard. The standard is triggered

only in the case of subdivision or construction of a dwelling on a property that has been subdivided since July 2005.

Supervisor Staelin asked if a buffer would be required for a driveway.

Mr. Stidham replied that buffer standards would not apply for a driveway.

Supervisor Byrd asked about access for emergency vehicles.

Mr. Stidham replied that the property owner would not be required to build a driveway to the standard set forth in subdivision ordinance.

Mr. Stidham read and reviewed the text of staff's recommended condition: 6) *The proposed access road for the tower site shall be used for the purposes set forth in this special use permit and to allow the property owner to access the subject property. Design and construction of the access easement shall be in substantial accordance with the site plan entitled, "Verizon Wireless Millwood Replacement," prepared by Morris & Ritchie Associates dated 9/21/2011 and revised 9/11/2012. Any future substantive change to the design of the access road shall require review and amendment of this and any other applicable conditions of the special use permit by the Board of Supervisors.*

Mr. Stidham stated that Verizon Attorney, David Lasso, had reviewed and accepted the conditions included staff's recommended Condition No. 6).

Mr. Stidham read and reviewed the text of *Alternate Condition 6) The proposed access road for the tower site shall be used for the purposes set forth in this special use permit and to allow the property owner to access the subject property. Design and construction of the access easement shall be in substantial accordance with the site plan entitled, "Verizon Wireless Millwood Replacement," prepared by Morris & Ritchie Associates dated 9/21/2011 and revised 9/11/2012. The proposed access easement shall not be used to provide for access to future residential or commercial structures without review and amendment of these conditions by the Board of Supervisors.*

Mr. Stidham explained that the alternate was identical except the last sentence

Vice Chair Weiss asked questions on the access road, subdivision and Board options.

Supervisor Byrd opined that she did not know how the access road could be configured to make it acceptable for a residential road.

Supervisor McKay commented that he was comfortable with road as it is for cell tower access; however, he was uncomfortable approving a road that would be inadequate for residences and possibly inaccessible to emergency vehicles.

Mr. Stidham clarified that neither one of the conditions would apply if the property owner chose to build a driveway completely separate from the tower access road.

Chairman Hobert asked for clarification that the engineer had reviewed and determined that a road could be built between the boulders without going onto the neighboring property.

Mr. Stidham replied in the affirmative stating that the County had received an approval letter from Chester Engineering.

Mr. Russell added that conditions on the site plan include installation of safety fencing to clearly designate the boundary during construction.

Chairman Hobert asked if the conditions would be included on the site plan.

Mr. Stidham replied in the affirmative explaining that the site plan was part of the special use permit.

Pastor Adams, Mt. Carmel Baptist Church, stated that the church had made its decision and was very happy with the fact that there will be a buffer. She said that the church is very satisfied with the landscaping design by Verizon, as well as the wide selection of plants proposed.

Chairman Hobert asked if the Church's satisfaction and approval was given with the understanding that it is possible that two houses could be built on the adjacent property creating more traffic.

Pastor Adams stated that the church was well aware of this possibility. She stated that she believed that Mr. Thomas would respect the Church in future planning.

David Lasso, Verizon attorney, expressed thanks to those involved in the project. He stated that a great deal of work had gone into this project and it was deeply gratifying to see that the church was happy with the resolution. He commented that the requirement for a vegetative buffer is what necessitated the discussion and the "pinch point" area did not have sufficient room to plant the buffer on the Thomas' land. He noted that the church would be taking on the vegetative buffer. Mr. Lasso concluded that the facts of this case are special to the situation and asked the Board to approve the special use and site plan.

Patsy Gochenour, member of Caretakers of God's Creation, a community of United Methodists who care about God's creations: commented that she understood that Verizon could not use the former logging access road when it moved the monopole further up the mountain. She indicated that she had been confused by the proceedings and could not get a visual so she followed Supervisor Byrd's suggestion to walk the land. She expressed concern that the heavy equipment needed for construction would destroy the landscape and asked if trees would be cut down to provide site access. She concluded by asking if

Verizon and the landowners could find another better way rather than to destroy the beauty and peace of this little church in the Blue Ridge Mountains.

Chairman Hobert asked the landowners if they cared to speak.

Mr. and Mrs. Thomas expressed their thanks.

Supervisor Staelin put forward that it was important to him that the church's interests be protected. He said that he intended to ask the Building Department to carefully monitor to ensure that church property was not harmed during construction.

Supervisor Staelin moved to approve the special use permit and site plan for a Verizon 100' camouflaged monopole located in the 100 block of Mount Carmel Road on the property identified as Tax Map Parcel 39-A-71 subject to the following conditions:

- 1) No construction work on Sundays or during any funeral that may occur during the rest of the week;**
- 2) No blasting for the construction of the road or monopole site;**
- 3) Remove the existing monopole located on the other side of Mt. Carmel Road and to restore the site per County ordinance and as agreed to by the property owners within 60 days of issuance of a certificate of occupancy by the Building Department for the new monopole;**
- 4) Install construction fence along the pinch point area along the property line so as to provide a visual boundary of the property line;**
- 5) Any large equipment that cannot maneuver within the confines of the road and subject property be replaced with smaller equipment that can stay within the subject property boundaries;**
- 6) The proposed access road for the tower site shall be used for the purposes set forth in this special use permit and to allow the property owner to access the subject property. Design and construction of the access easement shall be in substantial accordance with the site plan entitled, "Verizon Wireless Millwood Replacement," prepared by Morris & Ritchie Associates dated 9/21/2011 and revised 9/11/2012. Any future substantive change to the design of the access road shall require review and amendment of this and any other applicable conditions of the special use permit by the Board of Supervisors.**

Further, using the recommended No. 6 not Alternate No. with the notation that there is a partial waiving of the landscaping plan as previously discussed. The motion carried by the following vote:

Barbara J. Byrd	- Aye
J. Michael Hobert	- Aye

Beverly B. McKay - Aye
John R. Staelin - Aye
David S. Weiss - Aye

Chairman Hobert asked the Zoning Administration to follow up with the church on the vegetative buffer.

At 7:20 pm, Chairman Hobert closed the public hearing.

21) Adjournment

There being no further business to be brought before the Board at 7:25 pm Chairman Hobert adjourned the Board of Supervisors meeting.

Next Regular Meeting Date

The next regular meeting of the Board of Supervisors is set for Tuesday, October 16, 2012 at 1:00 p.m. in the Main Meeting Room, 101 Chalmers Court, 2nd Floor, Berryville, Virginia.

ATTEST: September 18, 2012

J. Michael Hobert, Chair

David L. Ash, County Administrator

Minutes Recorded and Transcribed by:
Lora B. Walburn
Deputy Clerk, Board of Supervisors

Clarke County Board of Supervisors

Consent Agenda

- A. State Health Department Salary Supplement
Memorandum of Understanding Environmental Health
Specialist Sr. Position #00895 and #04954
- B. AARP Tax-Aide
- C. Letters of Support Virginia Land Conservation Grant-
Moore & Dorsey, Inc. and Chapman Farm

Clarke County Board of Supervisors

Consent Agenda

- A. State Health Department Salary Supplement Memorandum of Understanding Environmental Health Specialist Sr. Position #00895 and #04954

- B. AARP Tax-Aide

- C. Letters of Support Virginia Land Conservation Grant-Moore & Dorsey, Inc. and Chapman Farm

- D. 2012-15R Resolution in Support of Lord Fairfax Emergency Medical Services Council, Inc.

**Memorandum of Understanding between the Virginia Department of Health (VDH),
Community Health Services-Lord Fairfax Health District and the County of Clarke
Regarding the Salary Supplement for the Environmental Health Specialist Sr. Position
#04954
Effective: September 1, 2012**

This agreement governs the administration of local salary supplement provided by the County of Clarke and paid to the Environmental Health Specialist Sr. Position #04954 of the **Lord Fairfax Health District**. The authority for local governments to supplement the salary and benefits of state employees is §15.2-1508.3 of the Code of Virginia.

The supplemental amount of \$5,000.00 is to be paid for the Environmental Health Specialist Sr. Position #04954 for the **Lord Fairfax Health District**. Therefore, no matter what increase in State compensation is received by the employee in the Environmental Health Specialist Sr. Position #04954, a full \$5,000.00 in local supplement will be paid by the County of Clarke.

As required by the Virginia Acts of Assembly, Chapter 3, Approved June 11, 2012; Central Appropriations (995) Item 468. N., this agreement and any future alterations to it will be approved by the Virginia Department of Human Resource Management (DHRM). The agreement and the resultant total salary for the Environmental Health Specialist Sr. Position #04954 will be reported annually to DHRM through the VDH Office of Human Resources.

The Environmental Health Specialist Sr. Position #04954's total salary (the state base salary plus the County of Clarke supplement) will be used when calculating state benefits such as retirement and life insurance.

This supplement shall not alter or establish any authority over the employee in the Environmental Health Specialist Sr. Position #04954. The status of the Environmental Health Specialist Sr. Position #04954 continues to be as a State employee and bound by all policies and procedures of the State and the **Lord Fairfax Health District**.

A copy of this agreement and any addenda will be provided to the Environmental Health Specialist Sr. Position #04954 at the time of its execution and shall be made available upon the Environmental Health Specialist Sr. Position #04954's request for review. The VDH Office of Human Resources shall certify that the current agreement and any associated addenda have been made available to the Environmental Health Specialist Sr. Position #04954 during the annual review period.

Term of the Agreement

This agreement shall go into effect for the pay period beginning June 10, 2012, which is the first pay period of Fiscal Year 2013 and shall remain in effect until such time either party agrees to discontinue and/or alter this agreement.

Responsibilities of the Virginia Department of Health-Community Health Services, Lord Fairfax Health District

1. Request the salary supplement each year according to budget guidance from the County of Clarke.
2. Include the salary supplement in the invoice from the Lord Fairfax Health District to the County of Clarke for the local commitment payment as required each quarter, by the Local Government Agreement which is created in satisfaction of the requirements of §32.1-31 of the *Code of Virginia* (1950), as amended.
3. Deposit the local supplement payment into the appropriate state account following Commonwealth and Virginia Department of Health (VDH) policies and procedures.
4. Process the paperwork through VDH's human resources and payroll systems ensuring that the Environmental Health Specialist Sr. Position #04954 receives the salary supplement in semi-monthly pay checks following Commonwealth and VDH policies and procedures.
5. When the Environmental Health Specialist Sr. Position #04954 position becomes vacant, notifies the Clarke County Administrator and other designated local government officials and discontinues invoicing for the salary supplement on the next quarterly invoice.

Responsibilities of the County of Clarke

1. Provide \$5,000.00 for the Environmental Health Specialist Sr. Position #04954's salary supplement on a fiscal year basis to the **Lord Fairfax Health District**.
2. Provide sufficient funds to cover the cost of the salary supplement only, and *not* for any additional cost of employee benefits created by the supplement to the employees' salaries.
3. Make payments for the local salary supplement, upon receipt of an invoice from the Lord Fairfax Health District on a quarterly basis as allowed by the Local Government Agreement (see #2 above).
4. Provide a letter of intent to discontinue or alter the local supplement through the Lord Fairfax Health District Health Director to the VDH Commissioner and Deputy Commissioner for Community Health Services. The notice will be at least 90 days in advance of any such action.

David Ash, Administrator
Clarke County

Date

Karen Remley, MD, MBA, FAAP
State Health Commissioner

Date

Jeffrey L. Lake, Deputy Commissioner for Community Health Services
Virginia Department of Health

Date

**Memorandum of Understanding between the Virginia Department of Health (VDH),
Community Health Services-Lord Fairfax Health District and the County of Clarke
Regarding the Salary Supplement for the Environmental Health Specialist Sr. Position
#00895
Effective: September 1, 2012**

This agreement governs the administration of local salary supplement provided by the County of Clarke and paid to the Environmental Health Specialist Sr. Position #00895 of the **Lord Fairfax Health District**. The authority for local governments to supplement the salary and benefits of state employees is §15.2-1508.3 of the Code of Virginia.

The supplemental amount of \$5,000.00 is to be paid for the Environmental Health Specialist Sr. Position #00895 for the **Lord Fairfax Health District**. Therefore, no matter what increase in State compensation is received by the employee in the Environmental Health Specialist Sr. Position #00895, a full \$5,000.00 in local supplement will be paid by the County of Clarke.

As required by the Virginia Acts of Assembly, Chapter 3, Approved June 11, 2012; Central Appropriations (995) Item 468. N., this agreement and any future alterations to it will be approved by the Virginia Department of Human Resource Management (DHRM). The agreement and the resultant total salary for the Environmental Health Specialist Sr. Position #00895 will be reported annually to DHRM through the VDH Office of Human Resources.

The Environmental Health Specialist Sr. Position #00895's total salary (the state base salary plus the County of Clarke supplement) will be used when calculating state benefits such as retirement and life insurance.

This supplement shall not alter or establish any authority over the employee in the Environmental Health Specialist Sr. Position #00895. The status of the Environmental Health Specialist Sr. Position #00895 continues to be as a State employee and bound by all policies and procedures of the State and the **Lord Fairfax Health District**.

A copy of this agreement and any addenda will be provided to the Environmental Health Specialist Sr. Position #00895 at the time of its execution and shall be made available upon the Environmental Health Specialist Sr. Position #00895's request for review. The VDH Office of Human Resources shall certify that the current agreement and any associated addenda have been made available to the Environmental Health Specialist Sr. Position #00895 during the annual review period.

Term of the Agreement

This agreement shall go into effect for the pay period beginning June 10, 2012, which is the first pay period of Fiscal Year 2013 and shall remain in effect until such time either party agrees to discontinue and/or alter this agreement.

Responsibilities of the Virginia Department of Health-Community Health Services, Lord Fairfax Health District

1. Request the salary supplement each year according to budget guidance from the County of Clarke.
2. Include the salary supplement in the invoice from the Lord Fairfax Health District to the County of Clarke for the local commitment payment as required each quarter, by the Local Government Agreement which is created in satisfaction of the requirements of §32.1-31 of the *Code of Virginia* (1950), as amended.
3. Deposit the local supplement payment into the appropriate state account following Commonwealth and Virginia Department of Health (VDH) policies and procedures.
4. Process the paperwork through VDH's human resources and payroll systems ensuring that the Environmental Health Specialist Sr. Position #00895 receives the salary supplement in semi-monthly pay checks following Commonwealth and VDH policies and procedures.
5. When the Environmental Health Specialist Sr. Position #00895 position becomes vacant, notifies the Clarke County Administrator and other designated local government officials and discontinues invoicing for the salary supplement on the next quarterly invoice.

Responsibilities of the County of Clarke

1. Provide \$5,000.00 for the Environmental Health Specialist Sr. Position #00895's salary supplement on a fiscal year basis to the **Lord Fairfax Health District**.
2. Provide sufficient funds to cover the cost of the salary supplement only, and *not* for any additional cost of employee benefits created by the supplement to the employees' salaries.
3. Make payments for the local salary supplement, upon receipt of an invoice from the Lord Fairfax Health District on a quarterly basis as allowed by the Local Government Agreement (see #2 above).
4. Provide a letter of intent to discontinue or alter the local supplement through the Lord Fairfax Health District Health Director to the VDH Commissioner and Deputy Commissioner for Community Health Services. The notice will be at least 90 days in advance of any such action.

David Ash, Administrator
Clarke County

Date

Karen Remley, MD, MBA, FAAP
State Health Commissioner

Date

Jeffrey L. Lake, Deputy Commissioner for Community Health Services
Virginia Department of Health

Date



County of Clarke
Lora B. Walburn, County Administration

To: Clarke County Board of Supervisors

October 16, 2012 Board of Supervisors Regular Meeting

Description:

Charles Gillespie, the new District Coordinator for AARP Tax-Aide District 7 in Virginia and a Clarke County resident, provided the attached fact sheet about the Tax-Aide program focusing on seniors and low to moderate income people.

AARP operates a site in Winchester at the War Memorial Building working Monday, Tuesday, Thursday and Friday from 9 – 4 from February until April 15th. Approximately 75 Clarke County residents were served at this location last year.

To improve convenience and to better serve Clarke citizens, Mr. Gillespie has requested the following:

- ✓ Establishing a Tax-Aide site in Clarke County.
- ✓ Sponsoring a site that provides adequate space plus telephone and internet service.
- ✓ Offering some evening or Saturday hours; not offered at the Winchester site.

Recommendation:

County Administration recommends referring the matter to Lisa Cooke, Director Parks and Recreation, for consideration as an additional service provided in the newly expanded Clarke County Senior Center.

Requested Action:

Approve recommendation and authorize staff to proceed.

Clarke County

dash@clarkecounty.gov

Fwd: AARP Tax-Aide

From : Lora Walburn <lwalburn@clarkecounty.gov> Mon, Oct 01, 2012 09:02 AM
Subject : Fwd: AARP Tax-Aide 📎 1 attachment
To : David Ash <dash@clarkecounty.gov>

From: "Charles Gillespie" <crg@visuallink.com>
To: "Clarke County - David Ash" <info@clarkecounty.gov>
Sent: Saturday, September 29, 2012 6:08:38 PM
Subject: AARP Tax-Aide

David,

Thanks for taking the time to speak to me this past Thursday.

I am a Clarke County resident and the new District Coordinator for AARP Tax-Aide District 7 in Virginia. I've attached a fact sheet that provides an overview of the Tax-Aide program. Tax-Aide focuses on seniors and low to moderate income people. We operate a site in Winchester at the War Memorial Building working Monday, Tuesday, Thursday and Friday from 9-4 from February until April 15th. We do serve Clarke County residents at that site (about 75 last year) but I was thinking that it would be more convenient for Clarke County residents and that we might be able to serve more of them if we operated a site in Berryville, especially if we could offer some evening or Saturday hours which we do not do in Winchester. Would the County have an interest in having a Tax-Aide site locally? All of the tax preparation that we do is at no charge but we would need a site sponsor (the County?) that provides adequate space plus telephone & internet service.

This is an exploratory offer. If the County is interested we can start to work out the details. Let me know if you need more information on the program.

Charles Gillespie

--

Lora B. Walburn
Deputy Clerk to the Board Supervisors
Executive Assistant - County Administration



AARP FOUNDATION TAX-AIDE

**THE NATION'S LARGEST FREE, VOLUNTEER-RUN
TAX PREPARATION PROGRAM
SERVES MILLIONS OF LOW-TO-MODERATE INCOME TAXPAYERS**

Why Tax-Aide Matters

Because of the complexity of the U.S. Tax Code, older and low-income taxpayers may overpay their taxes or have to rely on expensive and, for many, unaffordable professional tax preparation services.

In 2011, AARP Foundation Tax-Aide's 35,000 volunteers provided 2.6 million people with free tax help. Tax-Aide clients received \$1.3 billion in income tax refunds and more than \$233 million in Earned Income Tax Credits (EITCs).

The benefits of AARP Foundation Tax-Aide go far beyond those it serves: AARP Foundation Tax-Aide provided nearly \$357 million in social return on investment (SROI) benefits in 2010 -- or \$224.42 per tax return filed. This includes:

- Taxpayer savings from not paying commercial tax preparation fees and high-interest refund anticipation loans (RALs) and refund anticipation credits (RACs);
- EITCs that would have been missed;
- Federal government savings from the over 90% of AARP Foundation Tax-Aide returns that are filed electronically; and
- Gains to local economies from taxpayers spending their refunds and tax credits near home.

To find the nearest Tax-Aide site or learn how to volunteer, go to www.aarp.org/taxaide or call 1-888-AARP-NOW (1-888-227-7669).

AARP Foundation
601 E Street, NW
Washington, DC 20049
1-888-OUR-AARP
www.aarp.org/foundation

AARP Foundation is a leading charity dedicated to helping low-income, vulnerable older people meet their everyday needs – food, housing, income and personal connection.

In 2011, some 35,000 volunteers at 6,500 Tax-Aide sites in all 50 states and the District of Columbia helped 2.6 million people—many age 60 and over—navigate complicated tax codes, ensure proper credits and deductions and file their federal, state and local tax returns. By using AARP Foundation Tax-Aide, these taxpayers also avoided tax preparation fees and pitches for high-interest tax credit or refund loans.

From February 1 to April 15, each AARP Foundation Tax-Aide volunteer helped an average of 89 people file their taxes. AARP Foundation Tax-Aide volunteers are trained and IRS-certified each year to ensure their knowledge about the latest changes and additions to the U.S. Tax Code.

As the U.S. Tax Code has become increasingly complicated, so has preparing individual tax returns. An IRS *Taxpayer Usage Study* reported that 90% of taxpayers have help doing their taxes: 63% pay a commercial tax preparer and 27% use taxpayer software programs.

Low-income and senior taxpayers may have especially difficult tax situations:

- An estimated 25% of eligible low-income workers fail to file for an Earned Income Tax Credits (EITCs), either because they do not know they exist or that they qualify for the credit.
- Retirees whose previous experience with tax returns was limited to the short 1040EZ often face new provisions and complex forms to determine the taxable portion of their retirement income, different standard deduction amounts, permissible health care deductions and, if they sell their house, treatment of capital gains.
- Among many older people, the spouse who had always prepared the taxes dies or becomes incapacitated, leaving the other both grief and knowledge-stricken.

Four volunteers started AARP Foundation Tax-Aide in 1968. Ten years later, the U.S. Congress established the Tax Counseling for the Elderly program under the Internal Revenue Service, which provides funding to AARP Foundation and other nonprofits to help older people with their federal taxes.

In FY2011, AARP Foundation Tax-Aide received \$5.9 million in IRS funding.

MEMORANDUM

TO: Board of Supervisors
FROM: Alison Teetor
SUBJECT: request for approval of letters of Support – grant application
DATE: October 10, 2012

Attached are 2 letters detailing grant requests purchase of conservation easements on 2 farms in the County. I am requesting Board authorize the Chair to sign these letters so I might include them in the application packet. The grant applications are due in Richmond on October 24th. All of the funds requested are well within the current Easement Authority budget and the proposed expenditure of \$85,000 in local funds will leverage \$408,750 in state and federal funds.

October 16, 2012

Department of Conservation and Recreation
Virginia Land Conservation Foundation
Attn: Virginia Land Conservation Fund Grant program
203 Governor Street, Suite 302
Richmond, VA 23219-2010

RE: Letter of Support for Virginia Land Conservation Grant- Moore & Dorsey, Inc.

Dear Members of the Foundation:

The Clarke County Board of Supervisors hereby endorses the application of the Clarke County Easement Authority for a Virginia Land Conservation Fund Grant in the amount of \$61,250. The VLCF grant is being leveraged by a variety of funding sources to maximize the potential purchase power of our limited local funds. Of the estimated \$325,000 purchase price, 50% or \$162,500 is being provided by the Farm and Ranchland Protection Program, 25% is donated by the landowner (\$81,250), and 6% will come from a combination of local \$10,000 and VDACS \$10,000 funds. The VLCF funds will be used to help match the FRPP federal funds.

I understand that the current application for the Moore & Dorsey, Inc. easement would require \$61,250 of the VLCF funds. The Clarke County Board of Supervisors is in agreement with the Authority that purchase of this easement is well within the goals and objectives of the County's Comprehensive Plan, Zoning Ordinance, and overall objectives of the Easement Purchase program. The specific property under consideration represents the essence of farming in Clarke County, with 100% of the soils classified as important farmland. In addition, the farm is within the Long Marsh Rural Historic District with several contributing structures.

The County Board of Supervisors hopes that the Foundation will consider funding the grant application to allow for protection of this property in perpetuity. Thank you for your consideration.

Sincerely,

J. Michael Hobert
Clarke County Board of Supervisors, Chairman

October 18, 2012

Department of Conservation and Recreation
Virginia Land Conservation Foundation
Attn: Virginia Land Conservation Fund Grant program
203 Governor Street, Suite 302
Richmond, VA 23219-2010

RE: Letter of Support for Virginia Land Conservation Grant – Chapman Farm

Dear Members of the Foundation:

The Clarke County Board of Supervisors hereby endorses the application of the Clarke County Easement Authority for a Virginia Land Conservation Fund Grant in the amount of \$100,000. The VLCF grant is being leveraged by a variety of funding sources to maximize the potential purchase power of our limited local funds. Of the estimated \$500,000 purchase price, 25% is donated by the landowner (\$125,000), 25% by the Piedmont Environmental Council land preservation fund (\$125,000) and 30% will come from a combination of local \$75,000 and VDACS \$75,000 funds.

I understand that the current application for the Chapman easement would require \$100,000 of the VLCF funds. The Clarke County Board of Supervisors is in agreement with the Authority that purchase of this easement is well within the goals and objectives of the County's Comprehensive Plan, Zoning Ordinance, and overall objectives of the Easement Purchase program. The specific property under consideration is a working family farm, with significant natural area attributes. Adjacent to an existing Virginia Outdoors Foundation easement, the property has nearly ½ mile of frontage on the Shenandoah River, a State designated Scenic River and 21 acres of national wetlands inventory wetlands. Other attributes include a 38 acre portion of the Cool Spring Battlefield Historic District.

The County Board of Supervisors hopes that the Foundation will consider funding the grant application to allow for protection of this property in perpetuity. Thank you for your consideration.

Sincerely,

J. Michael Hobert
Clarke County Board of Supervisors, Chairman



180-1 Prosperity Drive • Winchester, Virginia 22602
 Phone: 540-665-0014
www.lfems.vaems.org
lfems@vaems.org

October 1, 2012

Mr. David Ash
 Clarke County Administrator
 102 North Church Street
 Berryville, Virginia 22611

Board of Directors

Clarke County

Jason Burns
 Lee Coffelt
 Julie Corbin

Frederick County

Pamela Keeler, Treasurer
 Larry Oliver, Vice-President
 Tommy Price

Page County

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Shenandoah County

Phyllis Fleming
 Preston Stempler
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Kevin Catlett
 Vacant
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City of Winchester

Jon Henschel, President
 Vacant
 Eddie McClellan

Consumer

Jeffery Long, Executive Committee

Page Memorial Hospital

Julie Miller, RN

Valley Regional Health

Chris Rucker, Secretary

Regional Medical Director

Dr. Chris Turnbull

Chairman, Medical Direction

Dr. Jack Potter, Executive Committee

Executive Director

Tracey McLaurin

Dear Mr. Ash:

On behalf of the Lord Fairfax EMS Council, I'd like to ask for the support of Clarke County as the Council applies for re-designation as a Regional EMS Council recognized by the VA Department of Health and the Virginia Office of EMS.

All eleven EMS Councils across the state are currently in the process of being re-designated for a period of three years. § 32.1-111.11 of the Code of Virginia establishes Regional EMS Councils, and defines their function and purpose. The Board of Health shall designate regional emergency medical services councils which shall be authorized to receive and disburse public funds. Each council shall be charged with the development and implementation of an efficient and effective regional emergency medical services delivery system. The Board of Health shall review those agencies that were the designated regional emergency medical services councils. The Board shall, in accordance with the standards established in its regulations, review and may renew or deny applications for such designations every three years. In its discretion, the Board may establish conditions for renewal of such designations or may solicit applications for designation as a regional emergency medical services council.

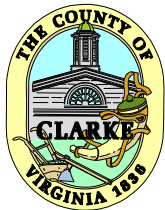
I'd like to ask for the Board of Supervisors to again approve a resolution or ordinance similar to the one that was approved in 2009. Please let me know if you need any further information. Thank you for your consideration!

Sincerely,

Tracey McLaurin

Executive Director

Clarke County Board of Supervisors



Berryville Voting District
J. Michael Hobert – Chair
(540) 955-4141

Millwood Voting District
John R. Staelin
(540) 837-1903

White Post Voting District
Beverly B. McKay
(540) 837-1331

Buckmarsh Voting District
David S. Weiss – Vice Chair
(540) 955-2151

Russell Voting District
Barbara J. Byrd
(540) 955-1215

County Administrator
David L. Ash
(540) 955-5175

Resolution in Support of Lord Fairfax Emergency Medical Services Council, Inc. 2012-15R

WHEREAS the Lord Fairfax Emergency Medical Services Council, Inc. has served Clarke County since 1978 as a non-profit organization providing services, training, and support to the EMS providers and agencies; and

WHEREAS the Vision Statement of the Council is to establish and maintain a comprehensive and effective regional EMS system for the Northern Shenandoah Valley that provides for the health and safety of its citizens and visitors; and

WHEREAS the mission of the Council is to promote a regional community-based emergency medical services (EMS) network that reduces premature death and disability from acute illness and injury through the coordination of local EMS resources and will be accomplished through teamwork, dedication, customer-friendly staff, quality training, and by efficient and cost-effective operations; and,

WHEREAS the Council accomplishes its mission by providing planning, coordination, collaboration, and support for the regional EMS system while continuing to develop and foster meaningful regional partnerships, providing high quality EMS training, participating in state level EMS activities representing the local EMS providers, and disseminating valuable knowledge and information to the agencies it serves;

NOW, THEREFORE, BE IT RESOLVED that the Board of Supervisors of Clarke County, Virginia, does hereby express its appreciation and support to the Lord Fairfax Emergency Medical Services Council, Inc. for its continued service and assistance.

Adopted this 16th day of October 2012

Attest:

David L. Ash, Clerk
Clarke County Board of Supervisors

101 Chalmers Court, Suite B
Berryville, VA 22611

www.clarkecounty.gov
P:\admin\Resolutions\2012\2012-
15R_Resolution_in_Support_of_LFEMSC.docx

Telephone: [540] 955-5175
Fax: [540] 955-5180

ZONING AND SUBDIVISION ORDINANCE TEXT AMENDMENTS (TA-12-04)

Merger of Parcels

October 16, 2012 Board of Supervisors Meeting – SET PUBLIC HEARING

SUPPLEMENTARY STAFF REPORT #1 – Department of Planning

The purpose of this staff report is to provide information to the Planning Commission and Board of Supervisors to assist them in reviewing this proposed ordinance amendment. It may be useful to members of the general public interested in this proposed amendment.

Description:

Proposed text amendments to add new language, §10-E Merger of Parcels; to amend Article 2, Usage and Definitions; and to amend §12-E, Vacation of Plat, of the Clarke County Subdivision Ordinance; and to amend Article 9, Definitions, of the Clarke County Zoning Ordinance. The purpose of the text amendments is to require any merger of parcels to be reviewed and approved via final plat by the Zoning Administrator for compliance with County ordinances. The text amendments would also amend the current definition of “merger” in the Ordinances to distinguish the transaction from a “vacation,” and would correct a code reference error in §12-E of the Subdivision Ordinance.

Requested Action:

Set public hearing for November 20, 2012 Board of Supervisors regular meeting.

Planning Commission Recommendation:

Following a duly advertised Public Hearing on September 7, 2012, the Planning Commission voted 8-0 (Staelin, Kreider, McFillen absent) to recommend adoption of the text amendments.

Staff Discussion/Analysis:

The proposed text amendments are presented by Planning Staff to reconcile a technical issue between the Zoning and Subdivision Ordinances regarding mergers of parcels. Currently, there is no ordinance requirement that Planning Staff review and approve a plat when a property owner proposes to merge two or more existing lots. An applicant need only submit a plat along with a deed or affidavit to the Clerk’s office for recordation – no Planning Department approval is required.

The Board of Supervisors deferred Staff’s request to set public hearing at their September 18, 2012 meeting as they had questions requiring additional research by Staff. Specifically, Board members were concerned that requiring merger applicants to provide a boundary survey of properties being merged could result in substantial expense in the form of survey costs to the applicants. This could be especially true if the properties being merged were large and had never been previously surveyed. Board members requested Staff responses to two questions – can the merger be reviewed and approved by Staff by having the applicant provide a deed instead of a plat and, if not, can Staff require that the plat show the boundary line or lines being eliminated instead of requiring the entire parcels to be surveyed.

As noted in the original Staff Report, one of the main reasons for requiring a merger plat is to enable Staff to accurately account for dwelling unit rights (DURs), and to advise applicants how a merger may affect the number of DURs that they have available. For DUR accounting purposes, the Zoning Ordinance identifies tracts of land based on the County Real Property Identification Map, or in other words, by Tax Map Identification Number. Deeds rarely refer to parcels by Tax Map Number and most commonly refer to earlier recorded plats or to metes and bounds descriptions in earlier recorded deeds.

If a deed review method is used, Staff may be required to conduct deed research to verify that the parcels to be merged match the information in the Tax Maps. Occasionally, Staff has experienced situations in which deeds refer to earlier plats or earlier metes and bounds descriptions that do not match current configurations on the Tax Maps or the County GIS. In these situations, Staff has to search the chain of title in an attempt to resolve the discrepancy. If a merger plat is required, the applicant's licensed surveyor will be able to accurately identify the properties by both deed reference and Tax Map Number, eliminating the need for Staff to conduct deed research.

Per the Board's direction, Staff consulted with the County Attorney on the question of approving mergers by deed as opposed to requiring a plat. The County Attorney confirmed that merger applicants can be required to have Planning Staff review and approve the deed prior to its recordation. The proposed text amendment would have to be changed to include requirements for specific language in the deed of merger along with a line for Planning Staff to sign indicating approval of the deed before it can be recorded.

Policing of deed approach however would fall to the Circuit Court Clerk's office. In order for the deed-based ordinance to be applied, Clerk's office staff would be relied upon to identify deeds of merger that do not meet the ordinance's requirements. Under a plat-based ordinance, Clerk's office staff would follow current procedures for plat recordation by verifying the Planning Staff's stamp and signature before recording the plat.

Staff also notes that the proposed amendment would also aid the Commissioner of the Revenue's office to track and process mergers. Mergers are reviewed by the Commissioner's office as part of the regular review of land transactions for inclusion in the Real Property database and the Tax Maps. Commissioner's office staff is currently limited to reviewing the deeds of merger to identify the properties that were merged, and they are reliant on the accuracy of the deed information absent a survey in capturing this information for the database. In speaking with Commissioner Donna Peake, she noted that requiring plats would greatly simplify and increase Staff's accuracy in processing mergers. She also indicated her support for the plat-based approach to processing mergers.

Should the Board select the deed-based approach, Staff recommends that the Board consider adding language to the amendment that would empower the Zoning Administrator to require a plat in situations where the chain of title cannot be determined by the deeds alone. Mr. Mitchell concurred that this would be a viable alternative and would prevent Staff from having to perform deed research.

Regarding the second concern, Staff can accept a merger plat that identifies the properties to be merged and the boundary line or lines to be eliminated without requiring the entire property boundaries to be shown on the survey. To clarify this, Staff has added language to proposed 10-E-B below stating that the plat of merger shall depict “*at a minimum the boundary lines that are proposed to be eliminated.*”

Staff Recommendation:

Staff has no outstanding concerns with the adoption of the proposed text amendments and does not recommend replacing the platting requirement with a process that would involve Staff reviewing the deed for the merger transaction for the reasons stated above.

AMENDMENT TEXT (new or amended language in bold italics with strikethroughs where applicable):

Subdivision Ordinance:

10-E MERGER

- A. Any merger of parcels shall require approval by the Zoning Administrator.***
- B. A final plat of a merger shall be submitted to the Zoning Administrator depicting at a minimum the boundary lines that are proposed to be eliminated. A preliminary plat shall not be required for a merger.***
- C. The merger plat for property in the AOC or FOC zoning districts shall show thereon the Dwelling Unit Rights on the merged parcel, which shall comply with the provisions of §3-D-8 of the Zoning Ordinance.***
- D. The Zoning Administrator shall review the plat for compliance with County ordinances, and shall approve, disapprove, or approve with modifications.***
- E. An approved final plat shall be recorded within six (6) months of approval, and a copy of the recorded plat shall be returned to the Zoning Administrator.***

2-B-34 MERGER: The ~~vacation~~ ***elimination*** of one or more boundary lines between parcels of land, resulting in a single parcel of land.

12-E VACATION OF PLAT
Any plat of record may be vacated in accordance with the provisions of the Virginia Land Subdivision Act, Title 15.2, Chapter 22, Article 6, Sections 2271 and 2272. Vacation of any plat of record, or of any portion of a plat of record, of subdivided land situated in the Agricultural-Open Space-Conservation (AOC) or the Forestal-Open Space- Conservation (FOC) zoning districts shall be subject to the provisions of Section ~~3-D-7~~ ***3-D-8*** of the Clarke County Zoning Ordinance.

Zoning Ordinance:

9-B-127 MERGER: The ~~vacation~~ *elimination* of one or more boundary lines between parcels of land, resulting in a single parcel of land.

History:

- **July 6, 2012.** Commission voted 9-0 (Brumback, Kreider absent) to set public hearing for September 7, 2012 with requested changes to the draft amendments.
- **September 7, 2012.** Commission voted 8-0 (Staelin, Kreider, McFillen absent) to recommend adoption of the text amendments to the Board of Supervisors.
- **September 18, 2012.** Board of Supervisors took no action on Staff’s request to set public hearing, and directed Staff to provide supplemental answers on specific questions.
- **October 16, 2012.** Placed on Board of Supervisors’ regular meeting agenda to request public hearing to be set for October 16, 2012.

Reports:

- **Staff report generated for September 18, 2012 meeting to request the Board to set public hearing.**
- **Supplementary Staff Report #1 generated for October 16, 2012 meeting to address Board members’ questions from the September 18 meeting.**

ZONING AND SUBDIVISION ORDINANCE TEXT AMENDMENTS (TA-12-04)

Merger of Parcels

September 18, 2012 Board of Supervisors Meeting – SET PUBLIC HEARING

STAFF REPORT – Department of Planning

The purpose of this staff report is to provide information to the Planning Commission and Board of Supervisors to assist them in reviewing this proposed ordinance amendment. It may be useful to members of the general public interested in this proposed amendment.

Description:

Proposed text amendments to add new language, §10-E Merger of Parcels; to amend Article 2, Usage and Definitions; and to amend §12-E, Vacation of Plat, of the Clarke County Subdivision Ordinance; and to amend Article 9, Definitions, of the Clarke County Zoning Ordinance. The purpose of the text amendments is to require any merger of parcels to be reviewed and approved via final plat by the Zoning Administrator for compliance with County ordinances. The text amendments would also amend the current definition of “merger” in the Ordinances to distinguish the transaction from a “vacation,” and would correct a code reference error in §12-E of the Subdivision Ordinance.

Requested Action:

Set public hearing for October 16, 2012 Board of Supervisors regular meeting.

Planning Commission Recommendation:

Following a duly advertised Public Hearing on September 7, 2012, the Planning Commission voted 8-0 (Staelin, Kreider, McFillen absent) to recommend adoption of the text amendments.

Staff Discussion/Analysis:

The proposed text amendment is presented by Planning Staff to reconcile a technical issue between the Zoning and Subdivision Ordinances regarding mergers of parcels. Currently, there is no ordinance requirement that Planning Staff review and approve a plat when a property owner proposes to merge two or more existing lots. An applicant need only submit a plat along with a deed or affidavit to the Clerk’s office for recordation – no Planning Department approval is required.

The absence of a Planning Department review requirement conflicts with §3-D-8 (Vacation or Merger of Lots or Parcels in the AOC and FOC Districts) of the Zoning Ordinance. This section requires dwelling unit rights (DURs) to be reallocated according to the table found in §3-D-2 when lots are merged. Since there is no requirement that the Planning Department review and approve merger plats prior to recordation, Planning Staff cannot maintain an accurate accounting of DURs on these affected parcels. This can result in confusion and potential hardship to current and future property owners that are unaware that their DURs may have been reduced when the properties were merged.

If the text amendment is adopted, the conflict between the ordinances would be resolved and all plats for merger would have to be reviewed and approved by the Planning Department prior to

recording. Staff would develop an application process for these transactions and a protocol for capturing any changes in allocated DURs. Staff also recommends that, as with other types of plats, merger plats be recorded within six months of the approval date or be considered null and void.

Staff notes that when these proposed text amendments were first presented to the Planning Commission in July, they included vacation of plats as a transaction that would be covered by the amendments. A “vacation” of a plat involves the rescission of a recorded plat of subdivision in order to return a parcel or parcels to a previous configuration. Following review by the County Attorney, he advised that we should not include vacation of plats in the proposed amendments. Plat vacation has a specific review process set forth in the Code of Virginia that is incorporated by reference in §12-E of the Subdivision Ordinance. Staff’s previously proposed changes would have deviated from the State Code process so references to vacation of plats have been removed from the proposed amendments. To mitigate confusion regarding mergers and vacations, Staff has provided a revised definition of “merger” that replaces the term “vacation” with “elimination.”

Also included in the amendments is a correction to a code citation in §12-E. This section states that vacation of a plat “shall be subject to the provisions of Section 3-D-7 of the Clarke County Zoning Ordinance,” with Section 3-D-7 being “Allocation Disclosure.” The correct reference should be to Section 3-D-8, “Vacation or Merger of Lots or Parcels of Land in the AOC and FOC Districts.”

Staff Recommendation:

Staff has no outstanding concerns with the adoption of the proposed text amendments.

AMENDMENT TEXT (new or amended language in bold italics with strikethroughs where applicable):

Subdivision Ordinance:

10-E MERGER

- A. Any merger of parcels shall require approval by the Zoning Administrator.***
- B. A final plat of a merger shall be submitted to the Zoning Administrator. A preliminary plat shall not be required for a merger.***
- C. The merger plat for property in the AOC or FOC zoning districts shall show thereon the Dwelling Unit Rights on the merged parcel, which shall comply with the provisions of §3-D-8 of the Zoning Ordinance.***
- D. The Zoning Administrator shall review the plat for compliance with County ordinances, and shall approve, disapprove, or approve with modifications.***

E. An approved final plat shall be recorded within six (6) months of approval, and a copy of the recorded plat shall be returned to the Zoning Administrator.

2-B-34 MERGER: The ~~vacation~~ ***elimination*** of one or more boundary lines between parcels of land, resulting in a single parcel of land.

12-E VACATION OF PLAT
Any plat of record may be vacated in accordance with the provisions of the Virginia Land Subdivision Act, Title 15.2, Chapter 22, Article 6, Sections 2271 and 2272. Vacation of any plat of record, or of any portion of a plat of record, of subdivided land situated in the Agricultural-Open Space-Conservation (AOC) or the Forestal-Open Space- Conservation (FOC) zoning districts shall be subject to the provisions of Section ~~3-D-7~~ ***3-D-8*** of the Clarke County Zoning Ordinance.

Zoning Ordinance:

9-B-127 MERGER: The ~~vacation~~ ***elimination*** of one or more boundary lines between parcels of land, resulting in a single parcel of land.

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- **September 7, 2012.** Commission voted 8-0 (Staelin, Kreider, McFillen absent) to recommend adoption of the text amendments to the Board of Supervisors.
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Clarke County Board of Supervisors

Discussion November Committee Meeting and Work Session Date

MEMORANDUM

TO: Board of Supervisors
 FR: Thomas Judge, Director of Joint Administrative Services
 DT: October 18, 2012
 RE: *October Finance Committee Report*

1. Supplemental Appropriations FY 12. *“Be it resolved that the following adjustments be made to FY 12 Expenditure, Appropriations, and Revenue accounts:*

Account	Expenditure	Appropriation	Revenue	Transfer	Explanation
Legal Services				5,006	Transfer from Contingency for Professional Services
Electoral Board				4,652	Transfer from Registrar where it was improperly supplemented.
General District Court				282	Transfer from Legal Contingency for Public Defender Fees
VFD Grants	22,482	22,482	22,482	11,302	Timing differences in grant receipts and expenditures; transfer local from Contingency
NSVRC				8,505	Transfer from Planning Professional Services for Main Stem MIF study
Board of Zoning Appeals				786	Transfer from Professional Services Contingency
Government Debt Service	1,571	1,571	1,571		Still drawing down RDA loan; affects accuracy of estimate. However, have unexpected revenue offset.
Sanitation				1,880	Transfer from contingency for unbudgeted rate increase for Frederick County Sanitation Authority
Refuse Disposal				1,439	Transfer from contingency. Usage exceeds budget estimate.

2. Acceptance of September Bills and Claims. Acceptance of this report by the Board of Supervisors is recommended.

3. Standing Reports. The following are included: Reconciliation of Appropriations. General Fund Balance. General Government Expenditure Summary.

Clarke Co. **Reconciliation of Appropriations** Year Ending June 30, 2012 09-Oct-12

Date	Total	General Fund	Soc Svcs Fund	CSA Fund	Sch Oper Fund	Cafeteria Fund	GG Cap Fund	School Cap Fund	GG Debt Fund	School Debt Fund	Joint Fund	Conservation Easements	Unemploy. Fund
04/12/11 Appropriations Resolution: Total	38,011,684	8,056,246	1,351,949	1,022,594	19,048,085	780,232	1,725,525	844,918	374,129	4,122,196	510,810	150,000	25,000
<i>Adjustments:</i>													
08/16/11 One-time salary adjustment		37,867	7,689										
08/16/11 Extension Horticultural Agent		3,000											
09/27/11 V-Stop Grant		2,250											
11/21/11 School Software Grant								52,510					
11/21/11 Sheriff's Emergency Notification System		6,538											
05/15/12 School Transportation Fuel and Well					60,097								
05/15/12 School Carryover for Track Resurfacing								50,000					
06/19/12 Dog Park Donations							5,000						
06/19/12 Town of Berryville payments for New HS								21,035					
06/19/12 Registrar Primaries		4,652											
06/19/12 Lap Lane Markers and Wheel							1,850						
08/20/12 Unemployment Compensation Fund													13,769
10/16/12 Volunteer Fire Department Grants		22,482											
10/16/12 Government Debt Service									1,571				
Revised Appropriation	38,301,994	8,133,035	1,359,638	1,022,594	19,108,182	780,232	1,732,375	968,463	375,700	4,122,196	510,810	150,000	38,769
Change to Appropriation	290,310	76,789	7,689	0	60,097	0	6,850	123,545	1,571	0	0	0	13,769
Original Revenue Estimate	14,373,904	2,382,881	935,333	471,297	8,966,628	780,232	535,860	154,000	0	147,673	0	0	0
<i>Adjustments:</i>													
09/27/11 V-Stop Grant		2,250											
11/21/11 School Software Grant								52,510					
05/15/12 Commonwealth Revenue for Fuel and Well					60,097								
06/19/12 Dog Park Donations							5,000						
06/19/12 Town of Berryville payments for New HS								21,035					
06/19/12 Registrar Primaries		4,652											
06/19/12 Lap Lane Markers and Wheel							1,850						
10/16/12 Volunteer Fire Department Grants		22,482											
10/16/12 Government Debt Service									1,571				
Revised Revenue Estimate	14,545,351	2,412,265	935,333	471,297	9,026,725	780,232	542,710	227,545	1,571	147,673	0	0	0
Change to Revenue Estimate	171,447	29,384	0	0	60,097	0	6,850	73,545	1,571	0	0	0	0
Original Local Tax Funding	23,637,780	5,673,365	416,616	551,297	10,081,457	0	1,189,665	690,918	374,129	3,974,523	510,810	150,000	25,000
Revised Local Tax Funding	23,756,643	5,720,770	424,305	551,297	10,081,457	0	1,189,665	740,918	374,129	3,974,523	510,810	150,000	38,769
Change to Local Tax Funding	118,863	47,405	7,689	0	0	0	0	50,000	0	0	0	0	13,769

Italics = Proposed actions

Title: General Fund Balance

10/03/12

Source: Clarke County Joint Administrative Services

	<u>Previous</u>	<u>Current</u>	<u>Notes</u>
General Fund Balance Year End FY 2010	14,154,881	14,154,881	
Expenditure FY 11	(23,974,664)	(23,974,664)	
Revenue FY 11	24,907,990	24,907,990	
General Fund Balance (year end FY 11)	15,088,207	15,088,207	

Adjustments and Designations

<u>Designations</u>			
Liquidity Designation @ 12% of FY 11/12 Budgeted Operating Revenue	(\$2,951,003)	(\$2,951,003)	
Stabilization Designation @ 3% of FY 11/12 Budgeted Operating Revenue	(737,751)	(737,751)	
Continuing Local GF Appropriations for Capital Projects	(5,127,367)	(5,127,367)	
School Capital/Debt	(1,500,000)	(1,500,000)	
Government Construction/Debt	(941,090)	(941,090)	
Property Acquisition	(265,000)	(265,000)	
Conservation Easements from Government Savings	(153,462)	(153,462)	
Community Facilities	(\$325,000)	(\$325,000)	
Comprehensive Services Act Shortfall	(262,868)	(262,868)	
Senior Center and Park Office	-	-	
Parks Master Plan	(100,000)	(100,000)	
School Operating Carryover	(136,014)	(136,014)	
Government Carryover Requests from Government Savings	(373,177)	(373,177)	
Energy Efficiency	(200,000)	(200,000)	
Landfill costs	(50,000)	(50,000)	
FY 11/12 Original Budget Surplus (Deficit)	(1,369,920)	(1,369,920)	
TOTAL Designations	(14,492,652)	(14,492,652)	
FY 11/12 Expenditure Budget Adjustments	(266,257)	(290,310)	
FY 11/12 Revenue Budget Adjustments	145,544	171,447	
Undesignated Fund Balance Projected June 30	474,843	476,693	
Second Quarter Revenue Estimate Less Revised Budget	-74,428	-74,428	
TOTAL	400,415	402,265	Change to correction of Lap lane revenue

CLARKE COUNTY
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Fiscal Year: 2012

EXPENDITURES

DEFINITION TYPE 0

100-000-21100-7001 SHARED COURT SERVICES

VENDOR: CITY OF WINCHESTER
2 POST YEAR 8983 CIRCUIT COURT BILLING FY20 75317 09/14/2012 \$ 8,762.05

100-000-71100-5810 DUES & MEMBERSHIPS

VENDOR: SHENANDOAH VALLEY WATER & COFFEE CO.
2 JUNE F13100000-12-CO WATER 12757 09/27/2012 \$ 24.55-

100-000-71100-6001 OFFICE SUPPLIES

VENDOR: SHENANDOAH VALLEY WATER & COFFEE CO.
1 JUNE F13100000-12-CO WATER 12757 09/27/2012 \$ 24.55

TOTAL DEFINITION TYPE 0 : \$ 8,762.05

TOTAL EXPENDITURES : \$ 8,762.05

TOTAL for FISCAL YEAR 2012 : \$ 8,762.05

Fiscal Year: 2013

EXPENDITURES

DEFINITION TYPE 0

100-000-11010-3600 ADVERTISING

VENDOR: WINCHESTER STAR
6 SEPTEMBER 1651188 PUBLIC HEARING 8/21/2012 75416 09/14/2012 \$ 154.00

100-000-11010-5230 TELECOMMUNICATIONS

VENDOR: TREASURER OF VIRGINIA
4 SEPTEMBER T250434 VITA (PHONE CHGS) 75334 09/14/2012 \$ 0.90

100-000-11010-5540 TRAVEL CONVENTION & EDUCATION

VENDOR: BB&T FINANCIAL, FSB
34 SEPTEMBER 3396 BOS-TRVL CONV-HOMESTEAD 75576 09/28/2012 \$ 280.69

100-000-11010-6001 OFFICE SUPPLIES

VENDOR: UNIVERSITY OF VA
1 SEPTEMBER 12370 FOIA 2012 LOCAL GOV GUIDE 75549 09/28/2012 \$ 200.00

100-000-12110-3320 MAINTENANCE SERVICE CONTRACT

VENDOR: TML COPIERS & DIGITAL SOLUTIONS
1 SEPTEMBER 134254 COPIER MAINT 2994 09/14/2012 \$ 95.87
2 SEPTEMBER 134850 COPIER MAINT 2994 09/14/2012 \$ 92.90

Total for 100-000-12110-3320 \$ 188.77

100-000-12110-3500 PRINTING AND BINDING

VENDOR: COMMERCIAL PRESS
1 SEPTEMBER 105566 TOTE BAGS - GREEN 2963 09/14/2012 \$ 528.73

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=====						
100-000-12110-5230			TELECOMMUNICATIONS			
VENDOR: AT&T MOBILITY						
3	SEPTEMBER	287015712672X09	GOVERNMENT ADMIN	75301	09/14/2012	\$ 47.23
VENDOR: TREASURER OF VIRGINIA						
12	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012	\$ 16.36
VENDOR: VERIZON						
251	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012	\$ 8.25
Total for 100-000-12110-5230						\$ 71.84
100-000-12110-6008			VEHICLE AND EQUIP FUEL			
VENDOR: MANSFIELD OIL COMPANY						
3	SEPTEMBER	SQLCD/00033639	FUEL PURCHASES	2978	09/14/2012	\$ 85.82
3	SEPTEMBER	SQLCD/00034610	FUEL	2978	09/14/2012	\$ 44.11
Total for 100-000-12110-6008						\$ 129.93
100-000-12110-6012			BOOKS AND SUBSCRIPTIONS			
VENDOR: MATTHEW BENDER & CO., INC.						
1	SEPTEMBER	35063882	VA CODE 2012 ANNO CITATOR	75356	09/14/2012	\$ 70.89
100-000-12210-3100			PROFESSIONAL SERVICES			
VENDOR: HALL, MONAHAN, ENGLE, MAHAN & MITCHELL						
1	SEPTEMBER	AUG. 2012	LEGAL SVCS	3020	09/28/2012	\$ 394.00
3	SEPTEMBER	AUG. 2012 GENFL	LEGAL SVCS	3020	09/28/2012	\$ 922.00
Total for 100-000-12210-3100						\$ 1,316.00
100-000-12310-5230			TELECOMMUNICATIONS			
VENDOR: TREASURER OF VIRGINIA						
10	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012	\$ 3.17
VENDOR: VERIZON						
252	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012	\$ 36.09
Total for 100-000-12310-5230						\$ 39.26
100-000-12310-5810			DUES & MEMBERSHIPS			
VENDOR: CITY OF CHESAPEAKE						
1	SEPTEMBER	VALTA MBRSHP	VALTA MBRSHP DRIVE 2012-20	75316	09/14/2012	\$ 10.00
100-000-12410-3100			PROFESSIONAL SERVICES			
VENDOR: CINTAS CORP.						
1	SEPTEMBER	8400118017	DOCUMENT MANAGEMENT	75448	09/28/2012	\$ 22.05
100-000-12410-5230			TELECOMMUNICATIONS			
VENDOR: TREASURER OF VIRGINIA						
1	SEPTEMBER	C040846	CPU SVC - VITA	75463	09/28/2012	\$ 7.27
26	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012	\$ 5.08
VENDOR: VERIZON						
253	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012	\$ 2.75

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Total for 100-000-12410-5230						\$ 15.10
100-000-12410-6001			OFFICE SUPPLIES			
VENDOR: XSTAMPER ONLINE						
1	SEPTEMBER	2272521	STAMPS	75560	09/28/2012	\$ 532.50
100-000-12510-3100			PROFESSIONAL SERVICES			
VENDOR: MATSCH SYSTEMS						
1	SEPTEMBER	1652	OCTOBER 2012 SERVICE	3031	09/28/2012	\$ 150.00
100-000-12510-3320			MAINTENANCE SERVICE CONTRACT			
VENDOR: AVAYA, INC.						
1	SEPTEMBER	2732090981	PHONE SYSTEM SUPPORT CONTR	75569	09/28/2012	\$ 1,129.24
VENDOR: BAI MUNICIPAL SOFTWARE						
1	SEPTEMBER	WATS201365-1	TECHNICAL SUPPORT	75302	09/14/2012	\$ 12,414.00
2	SEPTEMBER	WATS201365-1	ELECTRON SUPPORT	75302	09/14/2012	\$ 1,333.00
VENDOR: TML COPIERS & DIGITAL SOLUTIONS						
4	SEPTEMBER	134850	COPIER MAINT	2994	09/14/2012	\$ 3.32
Total for 100-000-12510-3320						\$ 14,879.56
100-000-12510-5230			TELECOMMUNICATIONS			
VENDOR: AT&T MOBILITY						
10	SEPTEMBER	287015712672X09	GOVT IT	75301	09/14/2012	\$ 25.10
VENDOR: TREASURER OF VIRGINIA						
17	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012	\$ 1,207.11
VENDOR: VERIZON						
254	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012	\$ 429.59
7	SEPTEMBER	00076356122812Y	PHONE CHGS	75409	09/14/2012	\$ 58.25
7	SEPTEMBER	00081079401014Y	PHONE CHGS	75409	09/14/2012	\$ 57.99
6	SEPTEMBER	00092572601596Y	PHONE CHGS	75409	09/14/2012	\$ 116.80
Total for 100-000-12510-5230						\$ 1,894.84
100-000-12510-5540			TRAVEL CONVENTION & EDUCATION			
VENDOR: ROBERT W FULLER						
1	SEPTEMBER	REIMBURSE MILEA	REIMBURSE MILEAGE	2966	09/14/2012	\$ 98.96
100-000-12510-8201			MACHINERY & EQUIPMENT			
VENDOR: BB&T FINANCIAL, FSB						
35	SEPTEMBER	3396	8 PORT SWITCH -- PROVANTAGE	75576	09/28/2012	\$ 428.29
100-000-12510-8207			EDP EQUIPMENT			
VENDOR: BB&T FINANCIAL, FSB						
36	SEPTEMBER	3396	FIBER OPTIC PATCH CORD-FON	75576	09/28/2012	\$ 34.25
100-000-13100-6000			MATERIAL AND SUPPLIES			
VENDOR: BAYTECH LABEL						
1	SEPTEMBER	52008	PRES ELECTION STICKERS	75304	09/14/2012	\$ 50.80

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100-000-13200-3320			MAINTENANCE & SERVICE CONTRACT			
VENDOR: TML COPIERS & DIGITAL SOLUTIONS						
5	SEPTEMBER	134850	COPIER MAINT	2994	09/14/2012 \$	29.86
100-000-13200-5230			TELECOMMUNICATIONS			
VENDOR: AT&T MOBILITY						
2	SEPTEMBER	287015712672X09	REGISTRAR	75301	09/14/2012 \$	47.23
VENDOR: TREASURER OF VIRGINIA						
23	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012 \$	2.88
24	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012 \$	28.12
VENDOR: VERIZON						
255	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012 \$	2.75
Total for 100-000-13200-5230						\$ 80.98
100-000-21200-3150			LEGAL			
VENDOR: CLARKE CO GENERAL DISTRICT COURT						
1	SEPTEMBER	006286001	PUBLIC DEFENDER	75318	09/14/2012 \$	322.50
100-000-21200-5210			POSTAL SERVICES			
VENDOR: PITNEY BOWES GLOBAL FINANCIAL SERVICES						
1	SEPTEMBER	1685355-+SP12	LEASING CHGS	75511	09/28/2012 \$	162.00
VENDOR: PURCHASE POWER						
1	SEPTEMBER	2012250	POSTAGE/SUPPLIES	75515	09/28/2012 \$	9.42
Total for 100-000-21200-5210						\$ 171.42
100-000-21200-5230			TELECOMMUNICATIONS			
VENDOR: TREASURER OF VIRGINIA						
16	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012 \$	114.61
VENDOR: VERIZON						
256	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012 \$	33.59
Total for 100-000-21200-5230						\$ 148.20
100-000-21200-6001			OFFICE SUPPLIES			
VENDOR: DEHAVEN BERKELEY SPRINGS WATER CORP.						
1	SEPTEMBER	42526	WATER	75461	09/28/2012 \$	24.80
100-000-21200-6012			BOOKS AND SUBSCRIPTIONS			
VENDOR: MATTHEW BENDER & CO., INC.						
1	SEPTEMBER	35682213	VA POLICE CRM/MV 12 ED 2 V	75356	09/14/2012 \$	128.04
100-000-21500-5210			POSTAL SERVICES			
VENDOR: PITNEY BOWES GLOBAL FINANCIAL SERVICES						
1	SEPTEMBER	8317266-SP12	LEASE CHARGES	75511	09/28/2012 \$	97.65
100-000-21500-5230			TELECOMMUNICATIONS			
VENDOR: TREASURER OF VIRGINIA						
18	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012 \$	10.10

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VENDOR: VERIZON						
257	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012	\$ 58.80
		Total for 100-000-21500-5230				\$ 68.90
100-000-21600-2100		FICA BENEFITS				
VENDOR: CLARKE COUNTY CIRCUIT COURT						
6	SEPTEMBER	100505-00		12755	09/27/2012	\$ 1,148.64
100-000-21600-2210		VSRS BENEFITS				
VENDOR: TREASURER OF VIRGINIA - VSRS-O						
6	SEPTEMBER	100505-00		12759	09/27/2012	\$ 1,773.04
100-000-21600-2300		HEALTH INSURANCE BENEFITS				
VENDOR: ANTHEM BLUE CROSS/BLUE SHIELD						
20	SEPTEMBER	100505-00		12754	09/27/2012	\$ 854.48
100-000-21600-2400		LIFE INSURANCE				
VENDOR: TREASURER OF VIRGINIA - INS						
3	SEPTEMBER	100505-00		12758	09/27/2012	\$ 173.80
100-000-21600-3510		MICROFILMING				
VENDOR: LOGAN SYSTEMS, INC						
1	SEPTEMBER	43508	COMPUTER INDEXING	3028	09/28/2012	\$ 571.30
100-000-21600-5210		POSTAL SERVICES				
VENDOR: U S POSTMASTER						
1	SEPTEMBER	CIRCUIT COURT	4 ROLLS STAMPS-CIRCUIT COU	75402	09/14/2012	\$ 180.00
100-000-21600-5230		TELECOMMUNICATIONS				
VENDOR: TREASURER OF VIRGINIA						
9	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012	\$ 6.21
VENDOR: VERIZON						
258	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012	\$ 62.94
		Total for 100-000-21600-5230				\$ 69.15
100-000-21600-6001		OFFICE SUPPLIES				
VENDOR: C.W. WARTHEN COMPANY						
1	SEPTEMBER	50305	CASEBINDERS	75445	09/28/2012	\$ 379.51
VENDOR: MATTHEW BENDER & CO., INC.						
1	SEPTEMBER	35678895	VA POLICE CRM/MV 12 ED 2 V	75356	09/14/2012	\$ 121.94
		Total for 100-000-21600-6001				\$ 501.45
100-000-22100-3320		MAINTENANCE SERVICE CONTRACT				
VENDOR: DDL BUSINESS SYSTEMS LLC						
1	SEPTEMBER	49565	CONTRACT INVOICE	75329	09/14/2012	\$ 52.18
100-000-22100-5230		TELECOMMUNICATIONS				

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VENDOR:	TREASURER OF VIRGINIA					
11	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012 \$	26.13
VENDOR:	VERIZON					
260	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012 \$	36.09
			Total for 100-000-22100-5230		\$	62.22

100-000-22100-6012			BOOKS AND SUBSCRIPTIONS			
VENDOR:	CLERK OF CIRCUIT COURT OF WEST PALM BEAC					
1	SEPTEMBER		COPY FEE	75455	09/28/2012 \$	10.00
VENDOR:	MATTHEW BENDER & CO., INC.					
1	SEPTEMBER	35674938	VA POLICE CRM/MV 12 ED 2 V	75356	09/14/2012 \$	227.03
			Total for 100-000-22100-6012		\$	237.03

100-000-31200-3100			PROFESSIONAL SERVICES			
VENDOR:	DEPARTMENT OF STATE POLICE					
1	SEPTEMBER	2011-29	INVESTIGATIVE RPT	75335	09/14/2012 \$	505.02
VENDOR:	PATLAN, CARLOS LOPEZ					
1	SEPTEMBER	247	INTERPRETER	3029	09/28/2012 \$	80.00
VENDOR:	SIGNET SCREEN PRINTING					
1	SEPTEMBER	S 79430	ACCREDITED AGENCY ART	75532	09/28/2012 \$	75.00
VENDOR:	TREASURER OF VIRGINIA					
1	SEPTEMBER	222307	CALIBRATION FEE	75543	09/28/2012 \$	14.10
1	SEPTEMBER	222448	CALIBRATION FEE	75543	09/28/2012 \$	14.10
			Total for 100-000-31200-3100		\$	688.22

100-000-31200-3320			MAINTENANCE SERVICE CONTRACT			
VENDOR:	CPI COMPUTER PROJECTS					
1	SEPTEMBER	12-09-19ME	MESSENGER LICENSE MAINTENA	75459	09/28/2012 \$	468.00
VENDOR:	CROSS MATCH TECHNOLOGIES					
1	SEPTEMBER	4813	MAINT-FINGERPRINT SCANNER	75327	09/14/2012 \$	900.00
VENDOR:	SOUTHERN SOFTWARE, INC.					
1	SEPTEMBER	228027	MDIS RENEWAL SUPPORT FEE	3048	09/28/2012 \$	6,069.00
			Total for 100-000-31200-3320		\$	7,437.00

100-000-31200-5210			POSTAL SERVICES			
VENDOR:	BB&T FINANCIAL, FSB					
14	SEPTEMBER	6558	POSTAGE - RETURN	75576	09/28/2012 \$	8.95
14	SEPTEMBER	6640	POSTAGE	75576	09/28/2012 \$	27.61
24	SEPTEMBER	6657	POSTAGE	75576	09/28/2012 \$	8.77
VENDOR:	PITNEY BOWES INC					
1	SEPTEMBER	478979	EQUIP RENTAL	75378	09/14/2012 \$	81.11
			Total for 100-000-31200-5210		\$	126.44

100-000-31200-5230			TELECOMMUNICATIONS			
VENDOR:	AT&T MOBILITY					

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1	SEPTEMBER	287015712672X09	SHERIFF'S DEPT	75301	09/14/2012 \$	797.79
8	SEPTEMBER	287015712672X09	SHERIFF'S DEPT	75301	09/14/2012 \$	418.31
VENDOR: VERIZON						
261	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012 \$	242.59
Total for 100-000-31200-5230						\$ 1,458.69
100-000-31200-5530 TRAVEL SUBSISTANCE & LODGING						
VENDOR: BB&T FINANCIAL, FSB						
9	SEPTEMBER	6608	ERMERINS-FORENSIC SCIENCE	75576	09/28/2012 \$	328.02
11	SEPTEMBER	6632	FOOD WHILE TRNING IN FREDK	75576	09/28/2012 \$	88.62
12	SEPTEMBER	6632	FOOD-FARMVILLE,SMITH CASE	75576	09/28/2012 \$	24.32
VENDOR: SHERIFF, PETTY CASH						
17	SEPTEMBER	PETTY CASH	PETTY CASH	75389	09/14/2012 \$	30.15
Total for 100-000-31200-5530						\$ 471.11
100-000-31200-5540 TRAVEL CONVENTION & EDUCATION						
VENDOR: FBINAA OF VA						
1	SEPTEMBER	2012-0010	DEP A MASON - REGISTRATION	75340	09/14/2012 \$	60.00
VENDOR: SHERIFF, PETTY CASH						
18	SEPTEMBER	PETTY CASH	PETTY CASH	75389	09/14/2012 \$	20.00
Total for 100-000-31200-5540						\$ 80.00
100-000-31200-5800 MISCELLANEOUS CHARGES						
VENDOR: APCO, AFC INC.						
1	SEPTEMBER	00005058	INTER-SERVICE FEE	75565	09/28/2012 \$	100.00
100-000-31200-6001 OFFICE SUPPLIES						
VENDOR: BB&T FINANCIAL, FSB						
10	SEPTEMBER	6608	PHONE CASE-T SUMPTION	75576	09/28/2012 \$	36.71
10	SEPTEMBER	6632	I-PAD REPLACEMENT COVER	75576	09/28/2012 \$	10.49
23	SEPTEMBER	6657	DRINKS/CRIME SCENE #2	75576	09/28/2012 \$	9.20
16	SEPTEMBER	6665	HOLIDAY CARDS	75576	09/28/2012 \$	219.49
18	SEPTEMBER	6665	COMM. MTG - COFFEE & DONUT	75576	09/28/2012 \$	13.19
35	SEPTEMBER	6699	1 CASE OF RINGBINDERS-BIND	75576	09/28/2012 \$	240.32
VENDOR: BERRYVILLE AUTO PARTS INC						
1	SEPTEMBER	10061450	SANDISK CRUZER 32GB	75578	09/28/2012 \$	22.99
VENDOR: DEHAVEN BERKELEY SPRINGS WATER CORP.						
1	SEPTEMBER	42149	WATER - 3 EA 5 GAL	75330	09/14/2012 \$	18.85
1	SEPTEMBER	42769	WATER	75461	09/28/2012 \$	27.85
VENDOR: SHERIFF, PETTY CASH						
19	SEPTEMBER	PETTY CASH	PETTY CASH	75389	09/14/2012 \$	18.67
VENDOR: TELTRONIC						
1	SEPTEMBER	513787	ICOP BATTERY	75394	09/14/2012 \$	20.00
Total for 100-000-31200-6001						\$ 637.76
100-000-31200-6007 REPAIR AND MAINTENANCE SUPPLIES						
VENDOR: BERRYVILLE AUTO PARTS INC						

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1	SEPTEMBER	5370-63148	BATTERY, LABOR	75305	09/14/2012 \$	102.20
1	SEPTEMBER	5370-63223	TAPE, EPOXY, SHOP LABOR	75305	09/14/2012 \$	57.15
1	SEPTEMBER	5370-63289	OIL FILTER, OIL, WINSHLD W	75305	09/14/2012 \$	39.14
1	SEPTEMBER	5370-63307	OIL, BRAKES, ROTORS	75305	09/14/2012 \$	437.45
1	SEPTEMBER	5370-63345	NEW CABLE TIE	75578	09/28/2012 \$	12.78
1	SEPTEMBER	5370-63686	WIPER BLADES	75578	09/28/2012 \$	14.86
1	SEPTEMBER	5370-63839	CAPSULE STANDARD, LABOR	75578	09/28/2012 \$	22.84
1	SEPTEMBER	5370-63843	AIR BAG SENSOR, LABOR	75578	09/28/2012 \$	45.62
1	SEPTEMBER	5370-63877	WIPER BLADES	75578	09/28/2012 \$	29.72
VENDOR: BILL & GLENN'S GOODYEAR TIRE						
1	SEPTEMBER	193928	TIRES 07 FORD CROWN VIC	3003	09/28/2012 \$	472.08
1	SEPTEMBER	194052	TIRES CROWN VIC	3003	09/28/2012 \$	482.08
VENDOR: BROY'S CAR WASH						
1	SEPTEMBER	SHERIFF-8/31/12	CAR WASHES	2960	09/14/2012 \$	51.00
VENDOR: SHERIFF, PETTY CASH						
20	SEPTEMBER	PETTY CASH	PETTY CASH	75389	09/14/2012 \$	14.85
Total for 100-000-31200-6007						\$ 1,781.77
100-000-31200-6008 VEHICLE AND EQUIP FUEL						
VENDOR: MANSFIELD OIL COMPANY						
1	SEPTEMBER	SQLCD/00033668	FUEL PURCHASES	2978	09/14/2012 \$	3,327.64
1	SEPTEMBER	SQLCD/00034642	FUEL	3030	09/28/2012 \$	3,823.87
Total for 100-000-31200-6008						\$ 7,151.51
100-000-31200-6010 POLICE SUPPLIES						
VENDOR: BB&T FINANCIAL, FSB						
13	SEPTEMBER	6558	HELMET/GOGGLES	75576	09/28/2012 \$	100.12
VENDOR: NATIONAL SAFETY SUPPLIES, INC.						
1	SEPTEMBER	00235803	MISC	75503	09/28/2012 \$	215.12
Total for 100-000-31200-6010						\$ 315.24
100-000-31200-6011 UNIFORM AND WEARING APPAREL						
VENDOR: BB&T FINANCIAL, FSB						
13	SEPTEMBER	6632	UNIFORM EQUIP-LICHLITER, SU	75576	09/28/2012 \$	60.50
100-000-32100-5230 TELECOMMUNICATIONS						
VENDOR: TREASURER OF VIRGINIA						
13	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012 \$	12.99
VENDOR: TELTRONIC						
1	SEPTEMBER	513519	EMS REPAIR & MAINT.	75394	09/14/2012 \$	230.00
VENDOR: VERIZON						
262	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012 \$	59.06
Total for 100-000-32100-5230						\$ 302.05
100-000-32100-6008 VEHICLE AND EQUIP FUEL						
VENDOR: MANSFIELD OIL COMPANY						
6	SEPTEMBER	SQLCD/00033639	FUEL PURCHASES	2978	09/14/2012 \$	36.72
6	SEPTEMBER	SQLCD/00034610	FUEL	2978	09/14/2012 \$	28.70

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Total for 100-000-32100-6008						\$ 65.42
100-000-32202-5699			CIVIC CONTRIBUTIONS			
VENDOR: BOYCE VOLUNTEER FIRE COMPANY						
1	SEPTEMBER	FY13-1ST QTR	FY13 DISBURSEMENT	75312	09/14/2012	\$ 12,500.00
100-000-32400-5699			CIVIC CONTRIBUTION			
VENDOR: STATE FORESTER						
1	SEPTEMBER	2012-2013	FOREST FIRE CONTROL	75535	09/28/2012	\$ 2,230.65
100-000-33200-3840			PURCHASED SERVICES - DETENTION CENTE			
VENDOR: CITY OF WINCHESTER						
1	SEPTEMBER	8997	JDC OPERATIONS	75449	09/28/2012	\$ 12,704.31
100-000-33300-5230			TELECOMMUNICATIONS			
VENDOR: TREASURER OF VIRGINIA						
22	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012	\$ 5.18
VENDOR: VERIZON						
263	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012	\$ 27.84
Total for 100-000-33300-5230						\$ 33.02
100-000-34100-3320			MAINTENANCE SERVICE CONTRACT			
VENDOR: TML COPIERS & DIGITAL SOLUTIONS						
1	SEPTEMBER	134479	COPIER MAINT	2994	09/14/2012	\$ 115.57
100-000-34100-5230			TELECOMMUNICATIONS			
VENDOR: AT&T MOBILITY						
6	SEPTEMBER	287015712672X09	BUILDING DEPT	75301	09/14/2012	\$ 25.10
VENDOR: TREASURER OF VIRGINIA						
5	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012	\$ 9.61
VENDOR: VERIZON						
264	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012	\$ 30.59
Total for 100-000-34100-5230						\$ 65.30
100-000-34100-6008			VEHICLE AND EQUIP FUEL			
VENDOR: MANSFIELD OIL COMPANY						
2	SEPTEMBER	SQLCD/00033639	FUEL PURCHASES	2978	09/14/2012	\$ 94.67
2	SEPTEMBER	SQLCD/00034610	FUEL	2978	09/14/2012	\$ 104.05
Total for 100-000-34100-6008						\$ 198.72
100-000-35100-3100			PROFESSIONAL SERVICES			
VENDOR: CLARKE COUNTY HEALTH DEPARTMENT						
1	SEPTEMBER	133401529	ANIMAL SHELTER-VACINES	75451	09/28/2012	\$ 184.82
VENDOR: HILLSIDE VETERINARY HOSPITAL						
1	SEPTEMBER	301273	RABIES VAC	75352	09/14/2012	\$ 12.82
1	SEPTEMBER	301779	RABIES VAC	75352	09/14/2012	\$ 12.82
1	SEPTEMBER	302099	RABIES VAC	75352	09/14/2012	\$ 12.82

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1	SEPTEMBER	302361	RABIES VAC	75352	09/14/2012	\$ 12.82
1	SEPTEMBER	302364	RABIES VAC	75352	09/14/2012	\$ 12.82
1	SEPTEMBER	302402	RABIES VAC	75352	09/14/2012	\$ 12.82
1	SEPTEMBER	302445	EUTHANASIA	75352	09/14/2012	\$ 47.70
1	SEPTEMBER	302735	RABIES VAC	75352	09/14/2012	\$ 38.47
1	SEPTEMBER	302939	BOARDING - PETEY	75485	09/28/2012	\$ 19.38
1	SEPTEMBER	303107	RABIES VAC	75352	09/14/2012	\$ 12.82
1	SEPTEMBER	303299	RABIES VAC	75352	09/14/2012	\$ 25.65
1	SEPTEMBER	303322	EXAM & ANTIBIOTIC	75352	09/14/2012	\$ 81.08
VENDOR: VALLEY VET SUPPLY						
1	SEPTEMBER	8196047	SUPPLIES	75404	09/14/2012	\$ 383.55
Total for 100-000-35100-3100						\$ 870.39
100-000-35100-5230 TELECOMMUNICATIONS						
VENDOR: AT&T MOBILITY						
4	SEPTEMBER	287015712672X09	ANIMAL CONTROL	75301	09/14/2012	\$ 12.55
VENDOR: TREASURER OF VIRGINIA						
2	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012	\$ 10.07
VENDOR: VERIZON						
265	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012	\$ 82.53
Total for 100-000-35100-5230						\$ 105.15
100-000-35100-6008 VEHICLE AND EQUIP FUEL						
VENDOR: MANSFIELD OIL COMPANY						
1	SEPTEMBER	SQLCD/00033639	FUEL PURCHASES	2978	09/14/2012	\$ 67.79
1	SEPTEMBER	SQLCD/00034610	FUEL	2978	09/14/2012	\$ 64.60
Total for 100-000-35100-6008						\$ 132.39
100-000-35300-3100 PROFESSIONAL SERVICES						
VENDOR: TREASURER OF VIRGINIA						
1	SEPTEMBER	MOCK, ROGER WESL	MEDICAL EXAMINER FEE	75542	09/28/2012	\$ 20.00
100-000-35600-3330 SOFTWARE LICENSES						
VENDOR: EMERGENCY COMMUNICATIONS NETWORK, LLC.						
1	SEPTEMBER	12134	SOFTWARE LIC./CODE RED	75337	09/14/2012	\$ 4,522.41
1	SEPTEMBER	12135	SOFTWARE LIC - CODE RED	75337	09/14/2012	\$ 1,187.50
Total for 100-000-35600-3330						\$ 5,709.91
100-000-35600-5230 TELECOMMUNICATIONS						
VENDOR: AT&T						
5	SEPTEMBER	0590826049001	CENTRAL ALARM	75568	09/28/2012	\$ 62.17
VENDOR: AT&T MOBILITY						
7	SEPTEMBER	287015712672X09	E-911 DEPT	75301	09/14/2012	\$ 107.00
VENDOR: TREASURER OF VIRGINIA						
1	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012	\$ 383.58
VENDOR: LANGUAGE LINE SERVICES, INC.						
1	SEPTEMBER	3016383	OVR THE PHONE INTERPRETATI	75496	09/28/2012	\$ 20.34

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VENDOR: VERIZON						
11	SEPTEMBER	00001224519338Y	PHONE	75409	09/14/2012 \$	1,249.46
266	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012 \$	133.78
9	SEPTEMBER	00081080039332Y	MONTHLY SVC	75551	09/28/2012 \$	29.42
Total for 100-000-35600-5230						\$ 1,985.75
100-000-35600-5420 TOWER LEASE						
VENDOR: SHEN. VALLEY TELEVISION TOWER						
1	SEPTEMBER	SEPT PYMT	TOWER/TRANSMITTER/ANTENNA	2987	09/14/2012 \$	2,070.00
100-000-35600-5540 TRAVEL CONVENTION & EDUCATION						
VENDOR: BB&T FINANCIAL, FSB						
15	SEPTEMBER	6558	CONFERENCE REGISTRATION-R	75576	09/28/2012 \$	130.00
100-000-35600-6011 UNIFORM AND WEARING APPAREL						
VENDOR: BB&T FINANCIAL, FSB						
15	SEPTEMBER	6640	LEES/SLACKS - P HESS	75576	09/28/2012 \$	107.06
100-000-42400-3840 PURCHASED SERVICES						
VENDOR: TREASURER OF FREDERICK COUNTY						
1	SEPTEMBER	1632-009	LANDFILL CHGS	75544	09/28/2012 \$	8.64
1	SEPTEMBER	2105-0009	LANDFILL CHGS	75544	09/28/2012 \$	761.04
1	SEPTEMBER	800001-0009	LANDFILL CHGS	75544	09/28/2012 \$	21.80
1	SEPTEMBER	ACCT #9	CONTAINER, RECYCLING, REFU	75544	09/28/2012 \$	19,905.63
Total for 100-000-42400-3840						\$ 20,697.11
100-000-42600-6014 OTHER OPERATING SUPPLIES						
VENDOR: ALLIED WASTE SERVICES #976						
1	SEPTEMBER	0976-000291794	RECYCLING BIN	75562	09/28/2012 \$	150.00
100-000-42700-3840 PURCHASED SERVICES						
VENDOR: FREDERICK-WINCHESTER SERVICE AUTHORITY						
1	SEPTEMBER	0143	MONTHLY CHARGE-AUGUST 2012	75478	09/28/2012 \$	2,206.36
100-000-43200-3310 REPAIR & MAINTENANCE						
VENDOR: JEFFREY K. NEWLIN						
1	SEPTEMBER	090612	PAINT PARKING LOTS AT JUDI	75492	09/28/2012 \$	416.00
VENDOR: MCDONALD, JERRY C.						
1	SEPTEMBER	1297	MOWING PARK & JOSEPHINE ST	3032	09/28/2012 \$	910.00
VENDOR: RIDDLEBERGER BROS INC						
1	SEPTEMBER	71597-A	A/C REPAIR JOSEPHINE MUSEU	2985	09/14/2012 \$	628.50
Total for 100-000-43200-3310						\$ 1,954.50
100-000-43200-3320 MAINTENANCE SERVICE CONTRACT						
VENDOR: ALLIED WASTE SERVICES #976						
2	SEPTEMBER	0976-000290556	MAINT SVC CNTRT - DUMPSTER	75562	09/28/2012 \$	755.31
VENDOR: BLAKE LANDSCAPES INC						
1	SEPTEMBER	37910	MOWING SVCS	3004	09/28/2012 \$	5,818.87

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VENDOR:	SERVICE MASTER JANITORIAL SERVICES, INC.					
1	SEPTEMBER	526	CLEANING SVCS	3045	09/28/2012	\$ 2,769.48
Total for 100-000-43200-3320						\$ 9,343.66
100-000-43200-5110 ELECTRICAL SERVICES						
VENDOR:	RAPPAHANNOCK ELEC COMPANY					
64	SEPTEMBER	1650088888	ELECTRIC SVC	3041	09/28/2012	\$ 8.40
100-000-43200-5130 WATER & SEWAGE SERVICES						
VENDOR:	DEHAVEN BERKELEY SPRINGS WATER CORP.					
1	SEPTEMBER	42178	WATER - 2 EA 5 GAL	75330	09/14/2012	\$ 12.90
100-000-43200-5230 TELECOMMUNICATIONS						
VENDOR:	AT&T MOBILITY					
5	SEPTEMBER	287015712672X09	GOVT MAINT	75301	09/14/2012	\$ 140.46
VENDOR:	TREASURER OF VIRGINIA					
3	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012	\$ 7.44
19	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012	\$ 5.83
VENDOR:	VERIZON					
267	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012	\$ 100.36
Total for 100-000-43200-5230						\$ 254.09
100-000-43200-6005 LAUNDRY, HOUSEKEEPING, & JANITORIAL						
VENDOR:	GENERAL SALES OF VIRGINIA					
1	SEPTEMBER	212010004	CUSTODIAL SUPPLIES	3016	09/28/2012	\$ 602.60
100-000-43200-6007 REPAIR AND MAINTENANCE SUPPLIES						
VENDOR:	BERRYVILLE AUTO PARTS INC					
1	SEPTEMBER	10061237	CASE/POUCH	75305	09/14/2012	\$ 56.00
1	SEPTEMBER	10061369	RUGGED MD VERI UNI	75578	09/28/2012	\$ 19.80
1	SEPTEMBER	4922 (FREIGHT)	FREIGHT	75305	09/14/2012	\$ 8.08
VENDOR:	BERRYVILLE TRUE VALUE HARDWARE					
1	SEPTEMBER	060213	RIP HAMMER	75310	09/14/2012	\$ 26.99
1	SEPTEMBER	060222	GREASE, NUTS, FASTENERS	75310	09/14/2012	\$ 9.15
VENDOR:	W W GRAINGER, INC					
2	SEPTEMBER	9916507222	SAF GLASS	75483	09/28/2012	\$ 227.54
VENDOR:	SHANNON-BAUM SIGNS INC					
1	SEPTEMBER	0187537-IN	QUICK PUNCH 14 GA, 4 HOLE	2986	09/14/2012	\$ 1,547.50
Total for 100-000-43200-6007						\$ 1,895.06
100-000-43200-6008 VEHICLE AND EQUIP FUEL						
VENDOR:	MANSFIELD OIL COMPANY					
4	SEPTEMBER	SQLCD/00033639	FUEL PURCHASES	2978	09/14/2012	\$ 58.66
5	SEPTEMBER	SQLCD/00033639	FUEL PURCHASES	2978	09/14/2012	\$ 380.97
4	SEPTEMBER	SQLCD/00034610	FUEL	2978	09/14/2012	\$ 65.29
5	SEPTEMBER	SQLCD/00034610	FUEL	2978	09/14/2012	\$ 256.05
Total for 100-000-43200-6008						\$ 760.97

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100-000-43200-6009	VEHICLE AND EQUIPMENT SUPPLIES					
VENDOR: BERRYVILLE AUTO PARTS INC						
1	SEPTEMBER	5370-63098	INSP BRI-MAR TRLR	75305	09/14/2012 \$	49.29
1	SEPTEMBER	5370-63513	RADIAL REPAIR STRIP/LABOR	75305	09/14/2012 \$	13.25
1	SEPTEMBER	5370-63548	HEATER CORE, ANTIFREEZE, S	75578	09/28/2012 \$	469.06
1	SEPTEMBER	5370-63750	RADIAL RPR KIT,OIL, UNIVER	75578	09/28/2012 \$	21.14
1	SEPTEMBER	5370-63969	TUBE FOR WAGON	75578	09/28/2012 \$	6.19
VENDOR: WINCHESTER EQUIPMENT COMPANY						
1	SEPTEMBER	A96286	FRT DRIVE SHAFT, UJOINT -	3055	09/28/2012 \$	402.30
Total for 100-000-43200-6009						\$ 961.23
100-000-43200-8201	MACHINERY & EQUIPMENT					
VENDOR: WINCHESTER EQUIPMENT COMPANY						
1	SEPTEMBER	A95747	REPAIR	2997	09/14/2012 \$	567.52
100-000-43202-3100	PROFESSIONAL SERVICES					
VENDOR: INTERIOR EXPRESSIONS						
1	SEPTEMBER	963	FRAMING	75491	09/28/2012 \$	498.75
100-000-43202-3310	REPAIR & MAINTENANCE					
VENDOR: RIDDLEBERGER BROS INC						
1	SEPTEMBER	72490	CK CHILLER - JOINT GOV CTR	2985	09/14/2012 \$	172.11
100-000-43202-3320	MAINTENANCE SERVICE CONTRACTS					
VENDOR: FIDELITY ENGINEERING CORPORATION						
1	SEPTEMBER	531119		3014	09/28/2012 \$	282.15
1	SEPTEMBER	531120	INSPECT GENERATOR JCG - CO	3014	09/28/2012 \$	282.15
1	SEPTEMBER	531121	INSPECT GENERATOR JGC-LIBR	3014	09/28/2012 \$	284.90
VENDOR: LANDMARK ELEVATOR, INC.						
1	SEPTEMBER	20811	ELEVATOR MAINT SVC	75355	09/14/2012 \$	827.64
VENDOR: SERVICE MASTER JANITORIAL SERVICES, INC.						
2	SEPTEMBER	526	CLEANING SVCS	3045	09/28/2012 \$	1,742.03
Total for 100-000-43202-3320						\$ 3,418.87
100-000-43202-5110	ELECTRICAL SERVICES					
VENDOR: RAPPAHANNOCK ELEC COMPANY						
17	SEPTEMBER	1149385761	JGC	3041	09/28/2012 \$	2,246.88
100-000-43202-5130	WATER & SEWAGE SERVICES					
VENDOR: TOWN OF BERRYVILLE						
1	SEPTEMBER	4190099.00 98	WATER/SEWER	75398	09/14/2012 \$	69.19
100-000-43202-6007	REPAIR AND MAINT SUPPLIES					
VENDOR: BATTERY MART						
1	SEPTEMBER	357055	12V BATTERY	75570	09/28/2012 \$	8.12
VENDOR: BB&T FINANCIAL, FSB						
23	SEPTEMBER	6707	USB DOWNLOAD CABLE	75576	09/28/2012 \$	70.85
VENDOR: BERRYVILLE AUTO PARTS INC						

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3	SEPTEMBER	10061160	ALKILINE ENERCELL	75305	09/14/2012	\$ 21.99
Total for 100-000-43202-6007						\$ 100.96
100-000-43205-3310 REPAIR & MAINTENANCE						
VENDOR: GREEN'S SEPTIC SERVICE						
1	SEPTEMBER	SEPTIC	CLEAN SEPTIC AT MAINTENANC	2969	09/14/2012	\$ 90.00
VENDOR: THOMAS PLUMBING & HEATING, INC.						
1	SEPTEMBER	PS21091	SEWER PUMP JOB	3052	09/28/2012	\$ 506.12
1	SEPTEMBER	PS21117	PULLED SEWER PUMP	3052	09/28/2012	\$ 362.50
1	SEPTEMBER	PS21137	RESET SEWER PUMP	3052	09/28/2012	\$ 274.48
Total for 100-000-43205-3310						\$ 1,233.10
100-000-43205-5110 ELECTRICAL SERVICES						
VENDOR: RAPPAHANNOCK ELEC COMPANY						
18	SEPTEMBER	4455288888	ELECTRIC SVC	3041	09/28/2012	\$ 271.66
100-000-43205-5130 WATER & SEWAGE SERVICES						
VENDOR: TOWN OF BERRYVILLE						
1	SEPTEMBER	9001800.00 98	WATER/SEWER	75398	09/14/2012	\$ 7.75
100-000-43206-3320 MAINTENANCE SERVICE CONTRACTS						
VENDOR: LANDMARK ELEVATOR, INC.						
3	SEPTEMBER	20811	ELEVATOR MAINT SVC	75355	09/14/2012	\$ 1,080.00
100-000-43206-5110 ELECTRICAL SERVICES						
VENDOR: RAPPAHANNOCK ELEC COMPANY						
28	SEPTEMBER	2048188888	ELECTRIC SVC	3041	09/28/2012	\$ 868.55
8	SEPTEMBER	8894188888	ELECTRIC SVC	3041	09/28/2012	\$ 154.11
Total for 100-000-43206-5110						\$ 1,022.66
100-000-43206-5130 WATER & SEWAGE SERVICES						
VENDOR: DEHAVEN BERKELEY SPRINGS WATER CORP.						
1	SEPTEMBER	353626	WATER	75461	09/28/2012	\$ 17.95
1	SEPTEMBER	353627	WATER	75461	09/28/2012	\$ 15.95
1	SEPTEMBER	42177	WATER - 2 EA 5 GAL	75330	09/14/2012	\$ 12.90
VENDOR: TOWN OF BERRYVILLE						
1	SEPTEMBER	1004000.00 98	WATER/SEWER	75398	09/14/2012	\$ 198.63
Total for 100-000-43206-5130						\$ 245.43
100-000-43207-3310 REPAIR & MAINTENANCE						
VENDOR: RIDDLEBERGER BROS INC						
1	SEPTEMBER	72473	YORK CHILLER - COURTHSE	2985	09/14/2012	\$ 274.50
100-000-43207-5110 ELECTRICAL SERVICES						
VENDOR: RAPPAHANNOCK ELEC COMPANY						
27	SEPTEMBER	2048188888	ELECTRIC SVC	3041	09/28/2012	\$ 1,784.45
100-000-43207-6007 REPAIR AND MAINT SUPPLIES						

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VENDOR: BERRYVILLE TRUE VALUE HARDWARE						
1	SEPTEMBER	060586	MESH CLOTH	75581	09/28/2012 \$	10.99
100-000-43208-3310			REPAIR & MAINTENANCE			
VENDOR: CONLEY WELDING						
1	SEPTEMBER	COURTHSE RAIL	RAILINGS AT CLARKE CO COUR	75323	09/14/2012 \$	550.00
100-000-43208-3320			MAINTENANCE SERVICE CONTRACTS			
VENDOR: LANDMARK ELEVATOR, INC.						
4	SEPTEMBER	20811	ELEVATOR MAINT SVC	75355	09/14/2012 \$	1,320.00
100-000-43208-5110			ELECTRICAL SERVICES			
VENDOR: RAPPAHANNOCK ELEC COMPANY						
29	SEPTEMBER	2048188888	ELECTRIC SVC	3041	09/28/2012 \$	1,088.09
100-000-43208-5130			WATER & SEWAGE SERVICES			
VENDOR: TOWN OF BERRYVILLE						
1	SEPTEMBER	1003900.00 98	WATER/SEWER	75398	09/14/2012 \$	88.28
100-000-43209-5110			ELECTRICAL SERVICES			
VENDOR: RAPPAHANNOCK ELEC COMPANY						
8	SEPTEMBER	7658188888	ANIMAL SHELTER	3041	09/28/2012 \$	636.05
100-000-43209-6007			REPAIR AND MAINT SUPPLIES			
VENDOR: BERRYVILLE FARM SUPPLY						
1	SEPTEMBER	1027126	WIRE STRETCHER, BARBED STA	75579	09/28/2012 \$	29.59
VENDOR: LOWE'S HOME CENTER, INC						
1	SEPTEMBER	34925	SUPPLIES	75500	09/28/2012 \$	6.63
VENDOR: THOMAS PLUMBING & HEATING, INC.						
1	SEPTEMBER	S21566	RUN CAPACITOR ROUND	2993	09/14/2012 \$	9.47
			Total for 100-000-43209-6007		\$	45.69
100-000-43210-5110			ELECTRICAL SERVICES			
VENDOR: RAPPAHANNOCK ELEC COMPANY						
8	SEPTEMBER	0775388888	ELECTRIC SVC	3041	09/28/2012 \$	232.34
100-000-43211-3310			REPAIR & MAINTENANCE			
VENDOR: CONSOLIDATED ELECTRIC SERVICE LC						
1	SEPTEMBER	22566	REMOVE SWTCH FOR BSKETBALL	75324	09/14/2012 \$	38.00
100-000-43211-5110			ELECTRICAL SERVICES			
VENDOR: RAPPAHANNOCK ELEC COMPANY						
47	SEPTEMBER	2750088888	ELECTRIC SVC	3041	09/28/2012 \$	1,281.24
100-000-43211-5130			WATER & SEWAGE SERVICES			
VENDOR: TOWN OF BERRYVILLE						
1	SEPTEMBER	9001300.00 98	WATER/SEWER	75398	09/14/2012 \$	341.00
100-000-43212-3310			REPAIR & MAINTENANCE			

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VENDOR: GREEN'S SEPTIC SERVICE
1 SEPTEMBER 09/01/2012 PORTABLE TOILET RENTAL 3018 09/28/2012 \$ 75.00

100-000-43212-5110 ELECTRICAL SERVICES

VENDOR: RAPPAHANNOCK ELEC COMPANY

65	SEPTEMBER	1650088888	ELECTRIC SVC	3041	09/28/2012 \$	7.54
66	SEPTEMBER	1650088888	ELECTRIC SVC	3041	09/28/2012 \$	14.00
68	SEPTEMBER	1650088888	ELECTRIC SVC	3041	09/28/2012 \$	134.71
69	SEPTEMBER	1650088888	ELECTRIC SVC	3041	09/28/2012 \$	7.54
71	SEPTEMBER	1650088888	ELECTRIC SVC	3041	09/28/2012 \$	14.63
72	SEPTEMBER	1650088888	ELECTRIC SVC	3041	09/28/2012 \$	23.68
48	SEPTEMBER	2750088888	ELECTRIC SVC	3041	09/28/2012 \$	246.54
49	SEPTEMBER	2750088888	ELECTRIC SVC	3041	09/28/2012 \$	110.19

Total for 100-000-43212-5110 \$ 558.83

100-000-43212-5130 WATER & SEWAGE SERVICES

VENDOR: TOWN OF BERRYVILLE

1	SEPTEMBER	9001200.00 98	WATER/SEWER	75398	09/14/2012 \$	46.50
1	SEPTEMBER	9001500.00 98	WATER/SEWER	75398	09/14/2012 \$	223.38

Total for 100-000-43212-5130 \$ 269.88

100-000-43212-6007 REPAIR AND MAINT SUPPLIES

VENDOR: BB&T FINANCIAL, FSB

25	SEPTEMBER	6707	FAN MTR	75576	09/28/2012 \$	416.00
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VENDOR: LOWE'S HOME CENTER, INC

2	SEPTEMBER	34925	SUPPLIES	75500	09/28/2012 \$	224.05
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VENDOR: THOMAS PLUMBING & HEATING, INC.

1	SEPTEMBER	PS21107	RENEWSEATS PARK	2993	09/14/2012 \$	1.42
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Total for 100-000-43212-6007 \$ 641.47

100-000-43213-5110 ELECTRICAL SERVICES

VENDOR: RAPPAHANNOCK ELEC COMPANY

67	SEPTEMBER	1650088888	ELECTRIC SVC	3041	09/28/2012 \$	428.43
51	SEPTEMBER	2750088888	ELECTRIC SVC	3041	09/28/2012 \$	812.96

Total for 100-000-43213-5110 \$ 1,241.39

100-000-43213-5130 WATER & SEWAGE SERVICES

VENDOR: TOWN OF BERRYVILLE

1	SEPTEMBER	9001400.00 98	WATER/SEWER	75398	09/14/2012 \$	1,986.30
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100-000-43213-6007 REPAIR AND MAINT SUPPLIES

VENDOR: BERRYVILLE TRUE VALUE HARDWARE

1	SEPTEMBER	060477	SCREWDRIVER, ADAPTER, CLAM	75581	09/28/2012 \$	7.79
1	SEPTEMBER	060550	ANITFREEZE	75581	09/28/2012 \$	23.94
1	SEPTEMBER	060576	MURIATIC ACID	75581	09/28/2012 \$	17.98

Total for 100-000-43213-6007 \$ 49.71

100-000-43214-5110 ELECTRICAL SERVICES

VENDOR: RAPPAHANNOCK ELEC COMPANY

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70	SEPTEMBER	1650088888	ELECTRIC SVC	3041	09/28/2012 \$	182.56
100-000-43214-6007			REPAIR AND MAINT SUPPLIES			
VENDOR: MCGRANE FENCE CO., INC.						
1	SEPTEMBER	2012190	GATES ON FIELDS 2 & 3	75363	09/14/2012 \$	1,200.00
100-000-43215-3310			REPAIR & MAINTENANCE			
VENDOR: CONLEY WELDING						
1	SEPTEMBER		SOCCER GOAL WELD SOCCER GOAL	75323	09/14/2012 \$	125.00
100-000-43215-5110			ELECTRICAL SERVICES			
VENDOR: RAPPAHANNOCK ELEC COMPANY						
50	SEPTEMBER	2750088888	ELECTRIC SVC	3041	09/28/2012 \$	73.26
100-000-43215-6007			REPAIR AND MAINT SUPPLIES			
VENDOR: MCCORMICK PAINT						
1	SEPTEMBER	230103006	LINE STRIPPER	75502	09/28/2012 \$	83.85
100-000-43236-5110			ELECTRICAL SERVICES			
VENDOR: RAPPAHANNOCK ELEC COMPANY						
11	SEPTEMBER	3750088888	ELECTRIC SVC	3041	09/28/2012 \$	62.49
100-000-43236-5130			WATER & SEWAGE SERVICES			
VENDOR: TOWN OF BERRYVILLE						
1	SEPTEMBER	1004800.00 98	WATER/SEWER	75398	09/14/2012 \$	308.98
100-000-43237-3310			REPAIR & MAINTENANCE			
VENDOR: ANDERSON CONTROL INC						
1	SEPTEMBER	011324	ALARM MONITOR SVC	2998	09/28/2012 \$	216.00
100-000-43237-3320			MAINTENANCE SERVICE CONTRACTS			
VENDOR: LANDMARK ELEVATOR, INC.						
5	SEPTEMBER	20811	ELEVATOR MAINT SVC	75355	09/14/2012 \$	1,320.00
100-000-43237-5110			ELECTRICAL SERVICES			
VENDOR: RAPPAHANNOCK ELEC COMPANY						
8	SEPTEMBER	0801388888	ELECTRIC SVC	3041	09/28/2012 \$	132.20
10	SEPTEMBER	4980388888	ELECTRIC SVC	3041	09/28/2012 \$	714.66
Total for 100-000-43237-5110						\$ 846.86
100-000-43237-5130			WATER & SEWAGE SERVICES			
VENDOR: TOWN OF BERRYVILLE						
1	SEPTEMBER	2010600.00 98	WATER/SEWER	75398	09/14/2012 \$	22.07
1	SEPTEMBER	2010700.00 98	WATER/SEWER	75398	09/14/2012 \$	66.21
Total for 100-000-43237-5130						\$ 88.28
100-000-43237-6007			REPAIR AND MAINT SUPPLIES			
VENDOR: BERRYVILLE TRUE VALUE HARDWARE						
1	SEPTEMBER	060243	SHELF BRACKET	75310	09/14/2012 \$	37.96
1	SEPTEMBER	060270	GLUE/SCREWS	75310	09/14/2012 \$	10.78

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1	SEPTEMBER	060369	VARNISH BRUSH, NUTS/WASHER	75581	09/28/2012 \$	17.97
1	SEPTEMBER	060426	BLU PASS CHAIN	75581	09/28/2012 \$	16.03
Total for 100-000-43237-6007						\$ 82.74
100-000-71100-3320 MAINTENANCE SERVICE CONTRACT						
VENDOR: DDL BUSINESS SYSTEMS LLC						
1	SEPTEMBER	49563	COPIER MAINT - PARKS/REC	75329	09/14/2012 \$	102.87
100-000-71100-5230 TELECOMMUNICATIONS						
VENDOR: TREASURER OF VIRGINIA						
20	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012 \$	28.80
VENDOR: VERIZON						
268	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012 \$	114.34
Total for 100-000-71100-5230						\$ 143.14
100-000-71100-5400 LEASES AND RENTALS						
VENDOR: BB&T FINANCIAL, FSB						
25	SEPTEMBER	6723	HEALTH DEPT-PLAN REVIEW &	75576	09/28/2012 \$	80.00
VENDOR: SHENANDOAH VALLEY WATER & COFFEE CO.						
1	SEPTEMBER	I13100000-12	WATER	75530	09/28/2012 \$	17.65
Total for 100-000-71100-5400						\$ 97.65
100-000-71100-5540 TRAVEL CONVENTION & EDUCATION						
VENDOR: BB&T FINANCIAL, FSB						
28	SEPTEMBER	6723	LODGING-WINTRGREEN FORUM	75576	09/28/2012 \$	260.91
100-000-71100-5810 DUES & MEMBERSHIPS						
VENDOR: BB&T FINANCIAL, FSB						
30	SEPTEMBER	6723	BEHAVIOR MANAGEMENT	75576	09/28/2012 \$	40.00
100-000-71100-6008 VEHICLE AND EQUIP FUEL						
VENDOR: MANSFIELD OIL COMPANY						
7	SEPTEMBER	SQLCD/00033639	FUEL PURCHASES	2978	09/14/2012 \$	80.25
7	SEPTEMBER	SQLCD/00034610	FUEL	2978	09/14/2012 \$	19.54
Total for 100-000-71100-6008						\$ 99.79
100-000-71310-6014 OTHER OPERATING SUPPLIES						
VENDOR: BB&T FINANCIAL, FSB						
29	SEPTEMBER	6723	MAC PRO BASE ANCHOR REPL 3	75576	09/28/2012 \$	41.99
VENDOR: BERRYVILLE TRUE VALUE HARDWARE						
1	SEPTEMBER	60412	SCREWDRIVER, WASHERS/NUTS	75581	09/28/2012 \$	9.20
VENDOR: LOWE'S HOME CENTER, INC						
1	SEPTEMBER	28947	MISC SUPPLIES	75500	09/28/2012 \$	156.47
1	SEPTEMBER	28995	THERMOMETER, HAND TRUCK, MI	75500	09/28/2012 \$	191.09
VENDOR: ROBERTS OXYGEN COMPANY, INC						
1	SEPTEMBER	J45323	HELIUM	75521	09/28/2012 \$	9.50

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Total for 100-000-71310-6014						\$ 408.25
100-000-71350-3100	PROFESSIONAL SERVICES					
VENDOR: AMERICAN RED CROSS						
1	SEPTEMBER	10140158	LTS CLASSES	75564	09/28/2012	\$ 14.00
1	SEPTEMBER	10146154	LTS FACILITY FEE	75564	09/28/2012	\$ 300.00
VENDOR: XTREME FIT STUDIO						
1	SEPTEMBER	YOGA TONE	YOGA TONE	75447	09/28/2012	\$ 170.70
VENDOR: OPUS OAKES, AN ART PLACE, INC.						
1	SEPTEMBER	CLASSES 9/2012	ART CLASSES	3039	09/28/2012	\$ 939.35
VENDOR: SHENANDOAH VALLEY CHORUS						
1	SEPTEMBER	9/10-10/08	SWEET ADELINES	75529	09/28/2012	\$ 2.00
Total for 100-000-71350-3100						\$ 1,426.05
100-000-71350-5560	GROUP TRIPS					
VENDOR: CLARKE COUNTY TREASURER						
1	SEPTEMBER	PARKS/REC TRIPS	FIELD TRIPS, PARKS & REC	75454	09/28/2012	\$ 395.50
100-000-71350-5830	REFUNDS					
VENDOR: JONATHAN BROWN						
1	SEPTEMBER	164064 REFUND	REFUND	75314	09/14/2012	\$ 30.00
VENDOR: NANCY CROPPER						
1	SEPTEMBER	164137	REFUND	75326	09/14/2012	\$ 43.00
VENDOR: LOUDOUN COUNTY FAMILY SERVICES						
1	SEPTEMBER	REFUND #164173	ACTIVITY REFUND	75498	09/28/2012	\$ 43.00
VENDOR: JANET PING						
1	SEPTEMBER	REFUND 164054	REFUND	75377	09/14/2012	\$ 95.00
VENDOR: JOSEPH ROAN						
1	SEPTEMBER	REFUND 164131	ACTIVITY REFUND	75385	09/14/2012	\$ 228.00
Total for 100-000-71350-5830						\$ 439.00
100-000-71350-6001	OFFICE SUPPLIES					
VENDOR: BB&T FINANCIAL, FSB						
26	SEPTEMBER	6723	BATTERIES	75576	09/28/2012	\$ 17.58
100-000-71350-6002	FOOD SUPPLIES & FOOD SERVICE SUPPLIE					
VENDOR: FOOD LION, INC						
1	SEPTEMBER	27116420323		75477	09/28/2012	\$ 27.80
1	SEPTEMBER	271164340349		75477	09/28/2012	\$ 84.34
1	SEPTEMBER	281164327903		75477	09/28/2012	\$ 57.76
Total for 100-000-71350-6002						\$ 169.90
100-000-71350-6011	UNIFORM AND WEARING APPAREL					
VENDOR: COAST TO COAST PROMOTIONS						
1	SEPTEMBER	1320	TSHIRT W/LOGO, BASKETBALL	2962	09/14/2012	\$ 21.75
100-000-71350-6014	OTHER OPERATING SUPPLIES					

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VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
VENDOR: BB&T FINANCIAL, FSB						
27	SEPTEMBER	6723	DOG PARK WASTE CONTAINER	75576	09/28/2012 \$	339.40
100-000-81110-3100		PROFESSIONAL SERVICES				
VENDOR: CHESTER ENGINEERS						
1	SEPTEMBER	40812	VERIZON WIRELESS-PLAN REVI	2961	09/14/2012 \$	394.55
1	SEPTEMBER	40814	KEYSTONE BAPTIST CHURCH	2961	09/14/2012 \$	564.38
VENDOR: HALL, MONAHAN, ENGLE, MAHAN & MITCHELL						
2	SEPTEMBER	AUG. 2012 GENFL	LEGAL SVCS	3020	09/28/2012 \$	832.00
Total for 100-000-81110-3100					\$	1,790.93
100-000-81110-3140		ENGINEERING REVIEW EXPENDITURES				
VENDOR: PIEDMONT GEOTECHNICAL, INC.						
1	SEPTEMBER	1450VA	SVCS	3040	09/28/2012 \$	165.00
100-000-81110-3320		MAINTENANCE SERVICE CONTRACT				
VENDOR: TML COPIERS & DIGITAL SOLUTIONS						
3	SEPTEMBER	134850	COPIER MAINT	2994	09/14/2012 \$	99.54
100-000-81110-3600		ADVERTISING				
VENDOR: WINCHESTER STAR						
3	SEPTEMBER	1653410	HEARING SEPT 7TH	75558	09/28/2012 \$	238.00
100-000-81110-5230		TELECOMMUNICATIONS				
VENDOR: TREASURER OF VIRGINIA						
21	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012 \$	6.64
VENDOR: VERIZON						
269	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012 \$	13.75
Total for 100-000-81110-5230					\$	20.39
100-000-81110-5510		TRAVEL MILEAGE				
VENDOR: TEETOR, ALLISON						
1	SEPTEMBER	REIMBURSEMENT	MILEAGE REIMBURSEMENT	2992	09/14/2012 \$	79.37
100-000-81110-6001		OFFICE SUPPLIES				
VENDOR: COMMERCIAL PRESS						
1	SEPTEMBER	105710	ENVELOPES, GREEN INK	3011	09/28/2012 \$	66.45
100-000-81510-3100		PROFESSIONAL SERVICES				
VENDOR: INTEGRITY DESIGNS						
1	SEPTEMBER	0001534	WEBSITE MAINT. PLAN-10 HRS	75354	09/14/2012 \$	688.50
100-000-81600-3100		PROFESSIONAL SERVICES				
VENDOR: HALL, MONAHAN, ENGLE, MAHAN & MITCHELL						
4	SEPTEMBER	AUG. 2012 GENFL	LEGAL SVCS	3020	09/28/2012 \$	130.00
100-000-81600-3160		BOARD SERVICES				
VENDOR: BOUFFAULT, ROBINA RICH						

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1	SEPTEMBER	9/04 & 9/07/12	PLANNING COMM MTGS	3005	09/28/2012 \$	100.00
VENDOR: BRUMBACK, CLAY						
1	SEPTEMBER	9/04 & 9/07/12	PLANNING COMM MTGS	3006	09/28/2012 \$	100.00
VENDOR: CONSERVATION EASEMENT						
1	SEPTEMBER	9/04 & 9/07/12	PLANNING COMM MTGS	3008	09/28/2012 \$	100.00
VENDOR: MCFILLEN, THOMAS						
1	SEPTEMBER	9/04 & 9/07/12	PLANNING COMM MTGS	3033	09/28/2012 \$	50.00
VENDOR: NELSON, CLIFF						
1	SEPTEMBER	9/04 & 9/07/12	PLANNING COMM MTGS	3036	09/28/2012 \$	100.00
VENDOR: CONSERVATION EASEMENT						
1	SEPTEMBER	9/04 & 9/07/12	PLANNING COMM MTGS	3038	09/28/2012 \$	100.00
VENDOR: STEINMETZ, WILLIAM A.						
1	SEPTEMBER	9/04 & 9/07/12	PLANNING COMM MTGS	3049	09/28/2012 \$	100.00
VENDOR: THUSS, RICHARD						
1	SEPTEMBER	9/04 & 9/07/12	PLANNING COMM MTGS	3053	09/28/2012 \$	100.00
VENDOR: TURKEL, JON						
1	SEPTEMBER	9/04 & 9/07/12	PLANNING COMM MTGS	3054	09/28/2012 \$	100.00
Total for 100-000-81600-3160						\$ 850.00
100-000-81600-3600 ADVERTISING						
VENDOR: WINCHESTER STAR						
2	SEPTEMBER	1653410	HEARING SEPT 7TH	75558	09/28/2012 \$	238.00
100-000-82600-5510 TRAVEL MILEAGE						
VENDOR: LAURA NOWELL SHIFFLETT						
1	SEPTEMBER	AUG 2012	BIOSOLIDS MONITOR	3046	09/28/2012 \$	354.20
100-000-83100-3320 MAINTENANCE SERVICE CONTRACTS						
VENDOR: TML COPIERS & DIGITAL SOLUTIONS						
1	SEPTEMBER	134850	COPIER MAINT	2994	09/14/2012 \$	106.18
100-000-83100-5230 TELECOMMUNICATIONS						
VENDOR: TREASURER OF VIRGINIA						
14	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012 \$	9.49
VENDOR: VERIZON						
270	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012 \$	30.59
Total for 100-000-83100-5230						\$ 40.08
TOTAL DEFINITION TYPE 0 :						\$ 163,160.35
TOTAL EXPENDITURES :						\$ 163,160.35
TOTAL for FISCAL YEAR 2013 :						\$ 163,160.35
TOTAL PAYMENTS :						\$ 171,922.40

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VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
=====						
Fiscal Year: 2013						
EXPENDITURES						
DEFINITION TYPE 0						
607-000-12240-3120 PROFESSIONAL SERVICES						
VENDOR: ROBINSON, FARMER, COX ASSOCIATES						
1	SEPTEMBER	40006	AUDIT SCH ACTIVITY FUNDS	3044	09/28/2012 \$	4,200.00
607-000-12530-3600 ADVERTISING						
VENDOR: NORTHERN VIRGINIA DAILY						
1	SEPTEMBER	4554	ADVERTISE-A/P SPECIALIST	75372	09/14/2012 \$	141.19
VENDOR: WINCHESTER STAR						
1	SEPTEMBER	1653403	8/31/12 ADV A/P SPEC, FREE/REDUCED	75416	09/14/2012 \$	212.40
Total for 607-000-12530-3600						\$ 353.59
607-000-12530-4300 CENTRAL PURCHASING/STORE						
VENDOR: INDEPENDENT STATIONERS						
1	SEPTEMBER	IN-000216266	TONER, MARKERS	75353	09/14/2012 \$	126.85
1	SEPTEMBER	IN-000223234	MISC CENTRAL STORE ITEMS	75490	09/28/2012 \$	322.40
VENDOR: OFFICE DEPOT						
1	SEPTEMBER	620479842001	MASKING TAPE, SHARPIE, CORRE	75374	09/14/2012 \$	55.51
1	SEPTEMBER	622049953001	BATTERY BACKUPS, TAPE DISP	75374	09/14/2012 \$	128.37
VENDOR: QUIL CORPORATION						
1	SEPTEMBER	5185300	TONER	75382	09/14/2012 \$	1,096.44
1	SEPTEMBER	5259965	INK & TONER	75382	09/14/2012 \$	292.65
VENDOR: SUPPLY ROOM COMPANIES, THE						
1	SEPTEMBER	1752985-5	SUPPLIES-BINDERS	2991	09/14/2012 \$	71.64
Total for 607-000-12530-4300						\$ 2,093.86
607-000-12530-5230 TELECOMMUNICATIONS						
VENDOR: TREASURER OF VIRGINIA						
15	SEPTEMBER	T250434	VITA (PHONE CHGS)	75334	09/14/2012 \$	21.70
VENDOR: VERIZON						
281	SEPTEMBER	00002726889534Y	PHONE CHGS	75409	09/14/2012 \$	99.79
Total for 607-000-12530-5230						\$ 121.49
607-000-12530-5810 DUES & MEMBERSHIPS						
VENDOR: GOVERNMENT FINANCE OFFICERS ASSOCIATION						
1	SEPTEMBER	0122015	MEMBERSHIP DUES	75482	09/28/2012 \$	190.00
607-000-12530-6001 OFFICE SUPPLIES						
VENDOR: B-K OFFICE SUPPLY, INC.						
1	SEPTEMBER	42455-0	CHAIR REPAIR	3000	09/28/2012 \$	70.00
732-000-12530-3000 PURCHASED SERVICES - TRANSACTION FEE						
VENDOR: WAGE WORKS						

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1	SEPTEMBER	125AI0198975	FLEX PLAN MONTHLY ADMIN	75556	09/28/2012	\$ 622.25
735-000-12550-2300 Health Insurance Payments						
VENDOR: ANTHEM BLUE CROSS/BLUE SHIELD						
21	SEPTEMBER	100505-00		12754	09/27/2012	\$ 1,825.00
22	SEPTEMBER	100505-00		12754	09/27/2012	\$ 9,388.00
23	SEPTEMBER	100505-00		12754	09/27/2012	\$ 190.00
Total for 735-000-12550-2300						\$ 11,403.00
TOTAL DEFINITION TYPE 0 :						\$ 19,054.19
TOTAL EXPENDITURES :						\$ 19,054.19
TOTAL for FISCAL YEAR 2013 :						\$ 19,054.19
TOTAL PAYMENTS :						\$ 19,054.19

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FD 100 GENERAL FUND							
PJT 000 NON-CATEGORICAL							
FUNC 11010 BOARD OF SUPERVISORS							
1300	SALARIES AND WAGES - PART TIME	\$ 13,800.00	\$ 10,350.00	\$ 1,150.00	\$ 3,450.00	\$ 0.00	100.00
2100	FICA BENEFITS	\$ 1,056.00	\$ 696.92	\$ 77.43	\$ 232.29	\$ 126.79	87.99
2300	HOSPITAL/MEDICAL PLANS	\$ 10,720.00	\$ 3,845.16	\$ 427.24	\$ 1,281.72	\$ 5,593.12	47.83
3100	PROFESSIONAL SERVICES	\$ 9,000.00	\$ 0.00	\$ 0.00	\$ 375.00	\$ 8,625.00	4.17
3600	ADVERTISING	\$ 6,000.00	\$ 0.00	\$ 154.00	\$ 542.00	\$ 5,458.00	9.03
5210	POSTAL SERVICES	\$ 300.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 300.00	0.00
5230	TELECOMMUNICATIONS	\$ 0.00	\$ 0.00	\$ 0.90	\$ 0.90	\$ 0.90	100.00
5307	PUBLIC OFFICIAL LIABILITY INS.	\$ 6,500.00	\$ 0.00	\$ 0.00	\$ 5,917.00	\$ 583.00	91.03
5540	TRAVEL CONVENTION & EDUCATION	\$ 3,000.00	\$ 0.00	\$ 280.69	\$ 1,805.31	\$ 1,194.69	60.18
5800	MISCELLANEOUS CHARGES	\$ 1,600.00	\$ 0.00	\$ 0.00	\$ 158.27	\$ 1,441.73	9.89
5810	DUES & ASSOC. MEMBERSHIPS	\$ 5,200.00	\$ 0.00	\$ 0.00	\$ 3,626.00	\$ 1,574.00	69.73
6001	OFFICE SUPPLIES	\$ 500.00	\$ 0.00	\$ 200.00	\$ 200.00	\$ 300.00	40.00
11010	BOARD OF SUPERVISORS	\$ 57,676.00	\$ 14,892.08	\$ 2,290.26	\$ 17,588.49	\$ 25,195.43	56.32
FUNC 12110 COUNTY ADMINISTRATOR							
1100	SALARIES - REGULAR	\$ 215,195.00	\$ 161,396.25	\$ 17,932.92	\$ 53,798.76	\$ 0.01	100.00
1300	SALARIES - PART TIME	\$ 0.00	\$ 0.00	\$ 312.50	\$ 437.50	\$ 437.50	100.00
2100	FICA BENEFITS	\$ 16,462.00	\$ 11,846.41	\$ 1,340.17	\$ 3,982.27	\$ 633.32	96.15
2210	VSRS BENEFITS	\$ 26,125.00	\$ 19,593.52	\$ 2,177.05	\$ 6,531.15	\$ 0.33	100.00
2300	HEALTH INSURANCE BENEFITS	\$ 18,423.00	\$ 13,816.89	\$ 1,535.21	\$ 4,605.63	\$ 0.48	100.00
2400	LIFE INSURANCE	\$ 2,561.00	\$ 1,920.61	\$ 213.41	\$ 640.21	\$ 0.18	99.99
2700	WORKERS COMPENSATION INSURANCE	\$ 190.00	\$ 0.00	\$ 0.00	\$ 191.63	\$ 1.63	100.86
3100	PROFESSIONAL SERVICES	\$ 4,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 4,000.00	0.00
3320	MAINTENANCE SERVICE CONTRACT	\$ 500.00	\$ 1,057.23	\$ 188.77	\$ 188.77	\$ 746.00	249.20
3500	PRINTING AND BINDING	\$ 2,000.00	\$ 0.00	\$ 528.73	\$ 528.73	\$ 1,471.27	26.44
5210	POSTAL SERVICES	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
5230	TELECOMMUNICATIONS	\$ 1,000.00	\$ 505.54	\$ 71.84	\$ 127.32	\$ 367.14	63.29
5540	TRAVEL CONVENTION & EDUCATION	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 54.40	\$ 945.60	5.44
5810	DUES & ASSOCIATION MEMBERSHIPS	\$ 1,500.00	\$ 0.00	\$ 0.00	\$ 503.00	\$ 997.00	33.53
6001	OFFICE SUPPLIES	\$ 1,000.00	\$ 0.00	\$ 35.55	\$ 391.04	\$ 608.96	39.10
6008	VEHICLE AND EQUIP FUEL	\$ 1,200.00	\$ 0.00	\$ 129.93	\$ 202.34	\$ 997.66	16.86
6012	BOOKS AND SUBSCRIPTIONS	\$ 1,350.00	\$ 0.00	\$ 70.89	\$ 189.19	\$ 1,160.81	14.01
12110	COUNTY ADMINISTRATOR	\$ 293,006.00	\$ 210,136.45	\$ 24,536.97	\$ 72,371.94	\$ 10,497.61	96.42
FUNC 12210 LEGAL SERVICES							
1100	SALARIES/WAGES - REGULAR	\$ 34,554.00	\$ 0.00	\$ 0.00	\$ 4,740.13	\$ 29,813.87	13.72
2100	FICA	\$ 2,644.00	\$ 0.00	\$ 0.00	\$ 363.24	\$ 2,280.76	13.74
2210	VSRS	\$ 4,195.00	\$ 0.00	\$ 0.00	\$ 575.45	\$ 3,619.55	13.72
2400	LIFE INSURANCE	\$ 411.00	\$ 0.00	\$ 0.00	\$ 57.73	\$ 353.27	14.05
3100	PROFESSIONAL SERVICES	\$ 32,000.00	\$ 0.00	\$ 1,316.00	\$ 2,739.38	\$ 29,260.62	8.56
12210	LEGAL SERVICES	\$ 73,804.00	\$ 0.00	\$ 1,316.00	\$ 8,475.93	\$ 65,328.07	11.48
FUNC 12310 COMMISSIONER OF REVENUE							
1100	SALARIES - REGULAR	\$ 137,820.00	\$ 103,365.00	\$ 11,485.00	\$ 34,455.00	\$ 0.00	100.00
2100	FICA BENEFITS	\$ 10,544.00	\$ 7,251.95	\$ 805.78	\$ 2,417.34	\$ 874.71	91.70
2210	VSRS BENEFITS	\$ 16,731.00	\$ 12,548.51	\$ 1,394.28	\$ 4,182.84	\$ 0.35	100.00
2300	HEALTH INSURANCE BENEFITS	\$ 21,465.00	\$ 14,166.18	\$ 1,574.02	\$ 4,722.06	\$ 2,576.76	88.00
2400	LIFE INSURANCE	\$ 1,640.00	\$ 1,230.05	\$ 136.66	\$ 410.00	\$ 0.05	100.00
2700	WORKERS COMPENSATION INSURANCE	\$ 180.00	\$ 0.00	\$ 0.00	\$ 122.73	\$ 57.27	68.18

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3100	PROFESSIONAL SERVICES	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
3310	REPAIR & MAINTENANCE	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
3320	MAINTENANCE SERVICE CONTRACTS	\$ 750.00	\$ 154.95	\$ 0.00	\$ 32.70	\$ 562.35	25.02
3500	PRINTING AND BINDING	\$ 1,200.00	\$ 0.00	\$ 0.00	\$ 142.77	\$ 1,057.23	11.90
3600	ADVERTISING	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
4100	DATA PROCESSING	\$ 1,800.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,800.00	0.00
5210	POSTAL SERVICES	\$ 3,000.00	\$ 0.00	\$ 0.00	\$ 280.00	\$ 2,720.00	9.33
5230	TELECOMMUNICATIONS	\$ 1,200.00	\$ 0.00	\$ 39.26	\$ 75.35	\$ 1,124.65	6.28
5510	TRAVEL MILEAGE	\$ 600.00	\$ 0.00	\$ 0.00	\$ 199.80	\$ 400.20	33.30
5540	TRAVEL CONVENTION & EDUCATION	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 597.76	\$ 1,402.24	29.89
5810	DUES & MEMBERSHIPS	\$ 1,000.00	\$ 0.00	\$ 10.00	\$ 410.00	\$ 590.00	41.00
6001	OFFICE SUPPLIES	\$ 1,100.00	\$ 0.00	\$ 29.25	\$ 57.30	\$ 1,042.70	5.21
6012	BOOKS AND SUBSCRIPTIONS	\$ 800.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 800.00	0.00
8201	MACHINERY & EQUIPMENT	\$ 200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 200.00	0.00
12310	COMMISSIONER OF REVENUE	\$ 202,730.00	\$ 138,716.64	\$ 15,474.25	\$ 48,105.65	\$ 15,907.71	92.15
3320	FUNC 12320 ASSESSOR MAINTENANCE SERVICE CONTRACT	\$ 3,500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 3,500.00	0.00
1100	FUNC 12410 TREASURER SALARIES - REGULAR	\$ 161,427.00	\$ 121,070.25	\$ 13,452.25	\$ 40,356.75	\$ 0.00	100.00
2100	FICA BENEFITS	\$ 12,350.00	\$ 9,186.72	\$ 1,020.75	\$ 3,062.25	\$ 101.03	99.18
2210	VSRS BENEFITS	\$ 19,597.00	\$ 14,697.93	\$ 1,633.10	\$ 4,899.30	\$ 0.23	100.00
2300	HEALTH INSURANCE BENEFITS	\$ 10,254.00	\$ 7,690.56	\$ 854.48	\$ 2,563.44	\$ 0.00	100.00
2400	LIFE INSURANCE	\$ 1,921.00	\$ 1,440.75	\$ 160.07	\$ 480.23	\$ 0.02	100.00
2700	WORKERS COMPENSATION INSURANCE	\$ 210.00	\$ 0.00	\$ 0.00	\$ 143.75	\$ 66.25	68.45
3100	PROFESSIONAL SERVICES	\$ 300.00	\$ 0.00	\$ 22.05	\$ 44.10	\$ 255.90	14.70
3320	MAINTENANCE SERVICE CONTRACT	\$ 400.00	\$ 154.96	\$ 0.00	\$ 32.69	\$ 212.35	46.91
3500	PRINTING AND BINDING	\$ 8,500.00	\$ 0.00	\$ 0.00	\$ 142.78	\$ 8,357.22	1.68
3600	ADVERTISING	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,000.00	0.00
5210	POSTAL SERVICES	\$ 19,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 19,000.00	0.00
5230	TELECOMMUNICATIONS	\$ 800.00	\$ 0.00	\$ 15.10	\$ 23.59	\$ 776.41	2.95
5306	SURETY BONDS	\$ 110.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 110.00	0.00
5510	TRAVEL MILEAGE	\$ 250.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 250.00	0.00
5540	TRAVEL CONVENTION & EDUCATION	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 980.47	\$ 1,019.53	49.02
5810	DUES & MEMBERSHIPS	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 680.00	\$ 320.00	68.00
6001	OFFICE SUPPLIES	\$ 4,500.00	\$ 0.00	\$ 540.50	\$ 1,290.93	\$ 3,209.07	28.69
6022	SUPPLIES - DOG TAGS	\$ 750.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 750.00	0.00
12410	TREASURER	\$ 244,369.00	\$ 154,241.17	\$ 17,698.30	\$ 54,700.28	\$ 35,427.55	85.50
1100	FUNC 12510 DATA PROCESSING SALARIES & WAGES - REGULAR	\$ 122,425.00	\$ 91,818.75	\$ 10,202.08	\$ 30,606.24	\$ 0.01	100.00
1300	SALARIES - PART TIME	\$ 0.00	\$ 0.00	\$ 202.50	\$ 487.50	\$ 487.50	100.00
2100	FICA BENEFITS	\$ 9,366.00	\$ 6,315.47	\$ 717.21	\$ 2,142.45	\$ 908.08	90.30
2210	VSRS	\$ 14,862.00	\$ 11,146.78	\$ 1,238.54	\$ 3,715.62	\$ 0.40	100.00
2300	HOSPITAL/MEDICAL PLANS	\$ 13,762.00	\$ 10,321.02	\$ 1,146.78	\$ 3,440.34	\$ 0.64	100.00
2400	LIFE INSURANCE	\$ 1,457.00	\$ 1,092.64	\$ 121.41	\$ 364.22	\$ 0.14	99.99
2700	WORKER'S COMPENSATION	\$ 150.00	\$ 0.00	\$ 0.00	\$ 110.32	\$ 39.68	73.55
3100	PROFESSIONAL SERVICES	\$ 10,000.00	\$ 1,700.00	\$ 150.00	\$ 450.00	\$ 7,850.00	21.50
3320	MAINTENANCE SERVICE CONTRACT	\$ 42,000.00	\$ 9,081.00	\$ 14,879.56	\$ 22,886.00	\$ 10,033.00	76.11
5210	POSTAL SERVICES	\$ 500.00	\$ 0.00	\$ 0.00	\$ 2.46	\$ 497.54	0.49
5230	TELECOMMUNICATIONS	\$ 35,000.00	\$ 9,310.80	\$ 1,894.84	\$ 8,067.64	\$ 17,621.56	49.65
5540	TRAVEL CONVENTION & EDUCATION	\$ 500.00	\$ 0.00	\$ 98.96	\$ 98.96	\$ 401.04	19.79
6001	OFFICE SUPPLIES	\$ 2,000.00	\$ 0.00	\$ 5.85	\$ 326.83	\$ 1,673.17	16.34
6012	BOOKS & SUBSCRIPTIONS	\$ 200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 200.00	0.00
8201	MACHINERY & EQUIPMENT	\$ 0.00	\$ 0.00	\$ 428.29	\$ 428.29	\$ 428.29	100.00
8207	EDP EQUIPMENT	\$ 19,000.00	\$ 2,065.00	\$ 34.25	\$ 574.23	\$ 16,360.77	13.89

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12510	DATA PROCESSING	\$ 271,222.00	\$ 142,851.46	\$ 31,120.27	\$ 73,701.10	\$ 54,669.44	79.84
	FUNC 13100 ELECTORAL BOARD AND OFFICIALS						
1300	SALARIES - PART TIME	\$ 7,512.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 7,512.00	0.00
2100	FICA	\$ 575.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 575.00	0.00
2700	WORKER'S COMPENSATION	\$ 15.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 15.00	0.00
3000	PURCHASED SERVICES	\$ 4,200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 4,200.00	0.00
3160	ELECTORAL BOARD SERVICES	\$ 8,525.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 8,525.00	0.00
3320	MAINTENANCE SERVICE CONTRACT	\$ 5,220.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 5,220.00	0.00
3500	PRINTING AND BINDING	\$ 2,500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,500.00	0.00
3600	ADVERTISING	\$ 340.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 340.00	0.00
5210	POSTAL SERVICES	\$ 2,500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,500.00	0.00
5400	LEASES AND RENTALS	\$ 1,050.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,050.00	0.00
5510	TRAVEL MILEAGE	\$ 350.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 350.00	0.00
5540	TRAVEL CONVENTION & EDUCATION	\$ 600.00	\$ 0.00	\$ 0.00	\$ 9.53	\$ 590.47	1.59
5810	DUES, SUBSCRIPTIONS & MEMBERSHIPS	\$ 190.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 190.00	0.00
6000	MATERIAL AND SUPPLIES	\$ 600.00	\$ 0.00	\$ 50.80	\$ 50.80	\$ 549.20	8.47
13100	ELECTORAL BOARD AND OFFICIALS	\$ 34,177.00	\$ 0.00	\$ 50.80	\$ 60.33	\$ 34,116.67	0.18
	FUNC 13200 REGISTRAR						
1100	SALARIES - REGULAR	\$ 45,531.00	\$ 34,148.25	\$ 3,794.25	\$ 11,382.75	\$ 0.00	100.00
1300	SALARIES - PART TIME	\$ 8,840.00	\$ 0.00	\$ 481.00	\$ 1,677.00	\$ 7,163.00	18.97
2100	FICA BENEFITS	\$ 4,160.00	\$ 2,624.76	\$ 328.43	\$ 1,003.20	\$ 532.04	87.21
2210	VSRS BENEFITS	\$ 5,527.00	\$ 4,145.60	\$ 460.62	\$ 1,381.86	\$ 0.46	100.01
2400	LIFE INSURANCE	\$ 542.00	\$ 406.37	\$ 45.15	\$ 135.45	\$ 0.18	99.97
2700	WORKERS COMPENSATION INSURANCE	\$ 105.00	\$ 0.00	\$ 0.00	\$ 41.32	\$ 63.68	39.35
3310	REPAIR & MAINTENANCE	\$ 200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 200.00	0.00
3320	MAINTENANCE & SERVICE CONTRACT	\$ 100.00	\$ 150.14	\$ 29.86	\$ 29.86	\$ 80.00	180.00
5230	TELECOMMUNICATIONS	\$ 900.00	\$ 505.54	\$ 80.98	\$ 130.96	\$ 263.50	70.72
5510	TRAVEL MILEAGE	\$ 150.00	\$ 0.00	\$ 0.00	\$ 148.12	\$ 1.88	98.75
5540	TRAVEL CONVENTION & EDUCATION	\$ 850.00	\$ 0.00	\$ 0.00	\$ 286.99	\$ 563.01	33.76
5810	DUES & SUBSCRIPTIONS	\$ 150.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 150.00	0.00
6001	OFFICE SUPPLIES	\$ 700.00	\$ 0.00	\$ 92.65	\$ 371.10	\$ 328.90	53.01
13200	REGISTRAR	\$ 67,755.00	\$ 41,980.66	\$ 5,312.94	\$ 16,588.61	\$ 9,185.73	86.44
	FUNC 21100 CIRCUIT COURT						
5841	COMPENSATION OF JURORS	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 750.00	\$ 1,250.00	37.50
5842	JURY COMMISSIONERS	\$ 180.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 180.00	0.00
7001	SHARED COURT SERVICES	\$ 10,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 10,000.00	0.00
21100	CIRCUIT COURT	\$ 12,180.00	\$ 0.00	\$ 0.00	\$ 750.00	\$ 11,430.00	6.16
	FUNC 21200 GENERAL DISTRICT COURT						
3150	LEGAL	\$ 0.00	\$ 0.00	\$ 322.50	\$ 322.50	\$ 322.50	100.00
3320	MAINTENANCE SERVICE CONTRACT	\$ 0.00	\$ 200.00	\$ 0.00	\$ 0.00	\$ 200.00	100.00
5210	POSTAL SERVICES	\$ 744.00	\$ 649.00	\$ 171.42	\$ 255.07	\$ 160.07	121.51
5230	TELECOMMUNICATIONS	\$ 2,000.00	\$ 0.00	\$ 148.20	\$ 181.31	\$ 1,818.69	9.07
5810	DUES & MEMBERSHIPS	\$ 85.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 85.00	0.00
6001	OFFICE SUPPLIES	\$ 1,500.00	\$ 0.00	\$ 24.80	\$ 97.80	\$ 1,402.20	6.52
6012	BOOKS AND SUBSCRIPTIONS	\$ 600.00	\$ 0.00	\$ 128.04	\$ 128.04	\$ 471.96	21.34
8201	MACHINERY & EQUIPMENT	\$ 135.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 135.00	0.00
21200	GENERAL DISTRICT COURT	\$ 5,064.00	\$ 849.00	\$ 794.96	\$ 984.72	\$ 3,230.28	36.21
	FUNC 21300 MAGISTRATE						
5230	TELECOMMUNICATIONS	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 28.18	\$ 971.82	2.82

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FUNC 21500 JUVENILE & DOMESTIC RELATIONS OFFICE							
3320	MAINTENANCE SERVICE CONTRACT	\$ 1,221.00	\$ 400.00	\$ 0.00	\$ 0.00	\$ 821.00	32.76
5210	POSTAL SERVICES	\$ 550.00	\$ 373.00	\$ 97.65	\$ 97.65	\$ 79.35	85.57
5230	TELECOMMUNICATIONS	\$ 700.00	\$ 0.00	\$ 68.90	\$ 125.78	\$ 574.22	17.97
5810	DUES & MEMBERSHIPS	\$ 300.00	\$ 0.00	\$ 0.00	\$ 40.00	\$ 260.00	13.33
6001	OFFICE SUPPLIES	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,000.00	0.00
21500	JUVENILE & DOMESTIC RELATIONS OF	\$ 4,771.00	\$ 773.00	\$ 166.55	\$ 263.43	\$ 3,734.57	21.72
FUNC 21600 CLERK OF THE CIRCUIT COURT							
1100	Salaries - Regular	\$ 21,400.00	\$ 0.00	\$ 0.00	\$ 4,000.00	\$ 17,400.00	18.69
2100	FICA BENEFITS	\$ 12,814.00	\$ 0.00	\$ 1,148.64	\$ 3,176.95	\$ 9,637.05	24.79
2210	VSRS BENEFITS	\$ 20,335.00	\$ 0.00	\$ 1,773.04	\$ 4,982.11	\$ 15,352.89	24.50
2300	HEALTH INSURANCE BENEFITS	\$ 10,300.00	\$ 0.00	\$ 854.48	\$ 2,563.44	\$ 7,736.56	24.89
2400	LIFE INSURANCE	\$ 1,993.00	\$ 0.00	\$ 173.80	\$ 504.74	\$ 1,488.26	25.33
2700	WORKER'S COMPENSATION	\$ 180.00	\$ 0.00	\$ 0.00	\$ 147.55	\$ 32.45	81.97
3100	PROFESSIONAL SERVICES	\$ 3,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 3,000.00	0.00
3310	REPAIR & MAINTENANCE	\$ 150.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 150.00	0.00
3320	MAINTENANCE SERVICE CONTRACT	\$ 1,000.00	\$ 804.00	\$ 0.00	\$ 201.00	\$ 5.00	100.50
3500	PRINTING AND BINDING	\$ 300.00	\$ 0.00	\$ 0.00	\$ 654.08	\$ 354.08	218.03
3510	MICROFILMING	\$ 7,000.00	\$ 0.00	\$ 571.30	\$ 1,737.88	\$ 5,262.12	24.83
5210	POSTAL SERVICES	\$ 3,000.00	\$ 0.00	\$ 180.00	\$ 360.00	\$ 2,640.00	12.00
5230	TELECOMMUNICATIONS	\$ 1,000.00	\$ 0.00	\$ 69.15	\$ 132.09	\$ 867.91	13.21
6001	OFFICE SUPPLIES	\$ 6,000.00	\$ 0.00	\$ 635.45	\$ 1,296.46	\$ 4,703.54	21.61
21600	CLERK OF THE CIRCUIT COURT	\$ 88,472.00	\$ 804.00	\$ 5,405.86	\$ 19,756.30	\$ 67,911.70	23.24
FUNC 21900 VICTIM/WITNESS PROGRAM							
1300	SALARIES/WAGES - PART TIME	\$ 28,965.00	\$ 21,723.75	\$ 2,413.74	\$ 7,241.22	\$ 0.03	100.00
2100	FICA	\$ 2,217.00	\$ 1,643.06	\$ 182.56	\$ 547.68	\$ 26.26	98.82
2210	VSRS	\$ 3,516.00	\$ 2,637.26	\$ 293.03	\$ 879.09	\$ 0.35	100.01
2300	Health Insurance	\$ 3,978.00	\$ 3,845.16	\$ 427.24	\$ 1,281.72	\$ 1,148.88	128.88
2400	LIFE INSURANCE	\$ 345.00	\$ 333.14	\$ 37.02	\$ 111.05	\$ 99.19	128.75
2700	WORKER'S COMPENSATION	\$ 0.00	\$ 0.00	\$ 0.00	\$ 33.24	\$ 33.24	100.00
5540	TRAVEL CONVENTION & EDUCATION	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
6001	OFFICE SUPPLIES	\$ 220.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 220.00	0.00
21900	VICTIM/WITNESS PROGRAM	\$ 39,741.00	\$ 30,182.37	\$ 3,353.59	\$ 10,094.00	\$ 535.37	101.35
FUNC 21920 COURT SERVICES DETOXIFICATION							
3845	PURCHASED SERVICES - DETOX	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,000.00	0.00
FUNC 21930 BLUE RIDGE LEGAL SERVICES							
5699	CIVIC CONTRIBUTIONS	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 2,000.00	\$ 0.00	100.00
FUNC 21940 REGIONAL COURT SERVICES							
5699	CIVIC CONTRIBUTIONS	\$ 3,759.00	\$ 0.00	\$ 0.00	\$ 3,759.00	\$ 0.00	100.00
FUNC 22100 COMMONWEALTH'S ATTORNEY							
1100	SALARIES - REGULAR	\$ 183,840.00	\$ 137,331.78	\$ 15,259.10	\$ 45,569.91	\$ 938.31	99.49
1300	SALARIES - PART TIME	\$ 12,300.00	\$ 0.00	\$ 1,024.00	\$ 2,768.00	\$ 9,532.00	22.50
2100	FICA BENEFITS	\$ 15,005.00	\$ 11,755.81	\$ 1,385.70	\$ 4,100.75	\$ 851.56	105.68
2210	VSRS BENEFITS	\$ 22,318.00	\$ 15,809.83	\$ 1,756.65	\$ 5,852.49	\$ 655.68	97.06
2300	HEALTH INSURANCE BENEFITS	\$ 10,163.00	\$ 7,690.32	\$ 854.48	\$ 2,563.44	\$ 90.76	100.89
2400	LIFE INSURANCE	\$ 2,188.00	\$ 1,549.73	\$ 172.19	\$ 575.02	\$ 63.25	97.11
2700	WORKERS COMPENSATION INSURANCE	\$ 210.00	\$ 0.00	\$ 0.00	\$ 174.59	\$ 35.41	83.14
3320	MAINTENANCE SERVICE CONTRACT	\$ 1,000.00	\$ 319.50	\$ 52.18	\$ 119.44	\$ 561.06	43.89
5210	POSTAL SERVICES	\$ 900.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 900.00	0.00

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5230	TELECOMMUNICATIONS	\$ 600.00	\$ 0.00	\$ 62.22	\$ 98.31	\$ 501.69	16.38
5540	TRAVEL CONVENTION & EDUCATION	\$ 3,500.00	\$ 0.00	\$ 0.00	\$ 1,157.18	\$ 2,342.82	33.06
5549	WITNESS TRAVEL EXPENDITURES	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,000.00	0.00
5810	DUES & MEMBERSHIPS	\$ 1,030.00	\$ 0.00	\$ 0.00	\$ 520.00	\$ 510.00	50.49
6001	OFFICE SUPPLIES	\$ 1,300.00	\$ 0.00	\$ 0.00	\$ 360.05	\$ 939.95	27.70
6012	BOOKS AND SUBSCRIPTIONS	\$ 950.00	\$ 0.00	\$ 237.03	\$ 681.03	\$ 268.97	71.69
22100	COMMONWEALTH'S ATTORNEY	\$ 256,304.00	\$ 174,456.97	\$ 20,803.55	\$ 64,540.21	\$ 17,306.82	93.25
	FUNC 31200 SHERIFF						
1100	SALARIES - REGULAR	\$ 1,000,168.00	\$ 750,831.75	\$ 83,425.75	\$ 250,527.25	\$ 1,191.00	100.12
1300	SALARIES - PART TIME	\$ 20,000.00	\$ 0.00	\$ 792.00	\$ 2,917.75	\$ 17,082.25	14.59
2100	FICA BENEFITS	\$ 78,045.00	\$ 53,899.47	\$ 6,049.42	\$ 18,208.85	\$ 5,936.68	92.39
2210	VSRS BENEFITS	\$ 121,420.00	\$ 91,150.97	\$ 10,127.89	\$ 30,383.67	\$ 114.64	100.09
2300	HEALTH INSURANCE BENEFITS	\$ 113,555.00	\$ 85,512.95	\$ 9,501.45	\$ 28,504.35	\$ 462.30	100.41
2400	LIFE INSURANCE	\$ 11,902.00	\$ 8,934.91	\$ 992.75	\$ 2,978.31	\$ 11.22	100.09
2700	WORKERS COMPENSATION INSURANCE	\$ 10,500.00	\$ 0.00	\$ 0.00	\$ 10,828.69	\$ 328.69	103.13
2860	LINE OF DUTY BENEFITS	\$ 7,061.00	\$ 0.00	\$ 0.00	\$ 7,060.50	\$ 0.50	99.99
3100	PROFESSIONAL SERVICES	\$ 18,200.00	\$ 0.00	\$ 688.22	\$ 811.42	\$ 17,388.58	4.46
3310	REPAIR & MAINTENANCE	\$ 3,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 3,000.00	0.00
3320	MAINTENANCE SERVICE CONTRACT	\$ 23,000.00	\$ 3,092.00	\$ 7,437.00	\$ 7,437.00	\$ 12,471.00	45.78
3350	INSURED REPAIRS	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,000.00	0.00
5210	POSTAL SERVICES	\$ 3,000.00	\$ 0.00	\$ 126.44	\$ 529.39	\$ 2,470.61	17.65
5230	TELECOMMUNICATIONS	\$ 12,000.00	\$ 12,778.10	\$ 1,458.69	\$ 2,938.52	\$ 3,716.62	130.97
5305	MOTOR VEHICLE INSURANCE	\$ 15,000.00	\$ 0.00	\$ 0.00	\$ 12,325.00	\$ 2,675.00	82.17
5530	TRAVEL SUBSISTANCE & LODGING	\$ 8,000.00	\$ 0.00	\$ 471.11	\$ 978.53	\$ 7,021.47	12.23
5540	TRAVEL CONVENTION & EDUCATION	\$ 2,500.00	\$ 0.00	\$ 80.00	\$ 904.00	\$ 1,596.00	36.16
5800	MISCELLANEOUS CHARGES	\$ 2,000.00	\$ 0.00	\$ 100.00	\$ 135.00	\$ 1,865.00	6.75
5810	DUES & MEMBERSHIPS	\$ 2,500.00	\$ 0.00	\$ 0.00	\$ 120.00	\$ 2,380.00	4.80
6001	OFFICE SUPPLIES	\$ 3,500.00	\$ 0.00	\$ 891.31	\$ 1,641.99	\$ 1,858.01	46.91
6007	REPAIR AND MAINTENANCE SUPPLIES	\$ 39,900.00	\$ 16,225.18	\$ 1,781.77	\$ 5,887.67	\$ 17,787.15	55.42
6008	VEHICLE AND EQUIP FUEL	\$ 75,000.00	\$ 0.00	\$ 7,151.51	\$ 16,223.56	\$ 58,776.44	21.63
6010	POLICE SUPPLIES	\$ 5,000.00	\$ 0.00	\$ 315.24	\$ 412.25	\$ 4,587.75	8.24
6011	UNIFORM AND WEARING APPAREL	\$ 7,000.00	\$ 0.00	\$ 60.50	\$ 432.24	\$ 6,567.76	6.17
6017	AMMUNITION	\$ 7,000.00	\$ 5,639.59	\$ 0.00	\$ 228.52	\$ 1,131.89	83.83
6024	INSURED REPAIRS	\$ 5,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 5,000.00	0.00
31200	SHERIFF	\$ 1,595,251.00	\$ 1,028,064.92	\$ 131,451.05	\$ 402,414.46	\$ 164,771.62	89.67
	FUNC 31210 CRIMINAL JUSTICE TRAINING CENTER						
5699	CIVIC CONTRIBUTIONS	\$ 16,000.00	\$ 0.00	\$ 0.00	\$ 16,300.00	\$ 300.00	101.88
	FUNC 31220 DRUG TASK FORCE						
5699	CIVIC CONTRIBUTIONS	\$ 9,500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 9,500.00	0.00
	FUNC 32100 EMERGENCY MEDICAL SERVICES						
1100	SALARIES - REGULAR	\$ 254,212.00	\$ 193,954.80	\$ 23,585.31	\$ 61,232.89	\$ 975.69	100.38
1300	SALARIES - PART TIME	\$ 18,000.00	\$ 0.00	\$ 2,136.00	\$ 5,676.00	\$ 12,324.00	31.53
2100	FICA BENEFITS	\$ 20,824.00	\$ 16,837.54	\$ 1,811.98	\$ 4,646.96	\$ 660.50	103.17
2210	VSRS BENEFITS	\$ 26,195.00	\$ 19,648.59	\$ 1,910.30	\$ 5,720.36	\$ 826.05	96.85
2300	HEALTH INSURANCE BENEFITS	\$ 31,642.00	\$ 23,730.75	\$ 2,636.75	\$ 7,910.25	\$ 1.00	100.00
2400	LIFE INSURANCE	\$ 2,568.00	\$ 1,845.12	\$ 187.24	\$ 560.61	\$ 162.27	93.68
2700	WORKERS COMPENSATION INSURANCE	\$ 13,125.00	\$ 0.00	\$ 0.00	\$ 14,755.52	\$ 1,630.52	112.42
2860	LINE OF DUTY BENEFITS	\$ 2,158.00	\$ 0.00	\$ 0.00	\$ 2,157.50	\$ 0.50	99.98
5230	TELECOMMUNICATIONS	\$ 800.00	\$ 0.00	\$ 302.05	\$ 366.06	\$ 433.94	45.76
5540	TRAVEL CONVENTION & EDUCATION	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
6001	OFFICE SUPPLIES	\$ 400.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 400.00	0.00
6008	VEHICLE AND EQUIP FUEL	\$ 1,500.00	\$ 0.00	\$ 65.42	\$ 65.42	\$ 1,434.58	4.36
6011	UNIFORM AND WEARING APPAREL	\$ 1,100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,100.00	0.00

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32100	EMERGENCY MEDICAL SERVICES	\$ 372,624.00	\$ 256,016.80	\$ 32,635.05	\$ 103,091.57	\$ 13,515.63	96.37
	FUNC 32200 VOLUNTEER FIRE COMPANIES						
5697	TWO FOR LIFE DISTRIBUTION	\$ 15,722.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 15,722.00	0.00
5698	FIRE PROGRAMS DISTRIBUTION	\$ 25,183.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 25,183.00	0.00
32200	VOLUNTEER FIRE COMPANIES	\$ 40,905.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 40,905.00	0.00
	FUNC 32201 BLUE RIDGE VOLUNTEER FIRE COMPANY						
2860	LINE OF DUTY BENEFITS	\$ 1,600.00	\$ 0.00	\$ 0.00	\$ 1,827.00	\$ 227.00	114.19
5699	CIVIC CONTRIBUTIONS	\$ 50,000.00	\$ 0.00	\$ 0.00	\$ 12,500.00	\$ 37,500.00	25.00
32201	BLUE RIDGE VOLUNTEER FIRE COMPAN	\$ 51,600.00	\$ 0.00	\$ 0.00	\$ 14,327.00	\$ 37,273.00	27.77
	FUNC 32202 BOYCE VOLUNTEER FIRE COMPANY						
2860	LINE OF DUTY BENEFITS	\$ 2,500.00	\$ 0.00	\$ 0.00	\$ 2,898.00	\$ 398.00	115.92
5699	CIVIC CONTRIBUTIONS	\$ 50,000.00	\$ 0.00	\$ 12,500.00	\$ 12,500.00	\$ 37,500.00	25.00
32202	BOYCE VOLUNTEER FIRE COMPANY	\$ 52,500.00	\$ 0.00	\$ 12,500.00	\$ 15,398.00	\$ 37,102.00	29.33
	FUNC 32203 ENDERS VOLUNTEER FIRE COMPANY						
2860	LINE OF DUTY BENEFITS	\$ 3,500.00	\$ 0.00	\$ 0.00	\$ 3,969.00	\$ 469.00	113.40
5699	CIVIC CONTRIBUTIONS	\$ 75,000.00	\$ 0.00	\$ 0.00	\$ 18,750.00	\$ 56,250.00	25.00
32203	ENDERS VOLUNTEER FIRE COMPANY	\$ 78,500.00	\$ 0.00	\$ 0.00	\$ 22,719.00	\$ 55,781.00	28.94
	FUNC 32204 SHENDANDOAH FARMS VOLUNTEER FIRE COMPANY						
2860	LINE OF DUTY BENEFITS	\$ 1,200.00	\$ 0.00	\$ 0.00	\$ 1,386.00	\$ 186.00	115.50
5699	CIVIC CONTRIBUTIONS	\$ 50,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 50,000.00	0.00
32204	SHENDANDOAH FARMS VOLUNTEER FIRE	\$ 51,200.00	\$ 0.00	\$ 0.00	\$ 1,386.00	\$ 49,814.00	2.71
	FUNC 32300 LORD FAIRFAX EMERGENCY MEDICAL						
5699	CIVIC CONTRIBUTION	\$ 4,929.00	\$ 0.00	\$ 0.00	\$ 4,929.00	\$ 0.00	100.00
	FUNC 32400 FORESTRY SERVICE						
5699	CIVIC CONTRIBUTION	\$ 2,231.00	\$ 0.00	\$ 2,230.65	\$ 2,230.65	\$ 0.35	99.98
	FUNC 33100 REGIONAL JAIL						
7000	JOINT OPERATIONS	\$ 453,049.00	\$ 0.00	\$ 0.00	\$ 116,284.25	\$ 336,764.75	25.67
	FUNC 33200 JUVENILE DETENTION						
3840	PURCHASED SERVICES - DETENTION C	\$ 50,818.00	\$ 0.00	\$ 12,704.31	\$ 12,704.31	\$ 38,113.69	25.00
	FUNC 33300 PROBATION OFFICE						
5210	POSTAL SERVICES	\$ 125.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 125.00	0.00
5230	TELECOMMUNICATIONS	\$ 500.00	\$ 0.00	\$ 33.02	\$ 60.86	\$ 439.14	12.17
6001	OFFICE SUPPLIES	\$ 300.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 300.00	0.00
33300	PROBATION OFFICE	\$ 925.00	\$ 0.00	\$ 33.02	\$ 60.86	\$ 864.14	6.58
	FUNC 34100 BUILDING INSPECTIONS						
1100	SALARIES - REGULAR	\$ 98,455.00	\$ 73,841.25	\$ 8,204.58	\$ 24,613.74	\$ 0.01	100.00
2100	FICA BENEFITS	\$ 7,532.00	\$ 5,141.53	\$ 571.28	\$ 1,713.84	\$ 676.63	91.02
2210	VSRs BENEFITS	\$ 11,952.00	\$ 8,964.34	\$ 996.03	\$ 2,988.09	\$ 0.43	100.00
2300	HEALTH INSURANCE BENEFITS	\$ 11,186.00	\$ 8,389.70	\$ 932.10	\$ 2,796.30	\$ 0.00	100.00
2400	LIFE INSURANCE	\$ 1,172.00	\$ 878.71	\$ 97.64	\$ 292.90	\$ 0.39	99.97
2700	WORKERS COMPENSATION INSURANCE	\$ 895.00	\$ 0.00	\$ 0.00	\$ 1,020.20	\$ 125.20	113.99

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Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For SEPTEMBER	Expenditures Year-to-Date	Available Balance	Percent Used
3320	MAINTENANCE SERVICE CONTRACT	\$ 1,900.00	\$ 894.43	\$ 115.57	\$ 1,315.57	\$ 310.00	116.32
3500	PRINTING AND BINDING	\$ 600.00	\$ 0.00	\$ 0.00	\$ 73.05	\$ 526.95	12.17
3600	ADVERTISING	\$ 150.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 150.00	0.00
5210	POSTAL SERVICES	\$ 150.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 150.00	0.00
5230	TELECOMMUNICATIONS	\$ 1,300.00	\$ 285.80	\$ 65.30	\$ 120.99	\$ 893.21	31.29
5510	TRAVEL MILEAGE	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
5540	TRAVEL CONVENTION & EDUCATION	\$ 600.00	\$ 0.00	\$ 0.00	\$ 260.00	\$ 340.00	43.33
5810	DUES & MEMBERSHIPS	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
6001	OFFICE SUPPLIES	\$ 1,500.00	\$ 0.00	\$ 29.25	\$ 74.00	\$ 1,426.00	4.93
6008	VEHICLE AND EQUIP FUEL	\$ 2,500.00	\$ 0.00	\$ 198.72	\$ 429.64	\$ 2,070.36	17.19
6012	BOOKS AND SUBSCRIPTIONS	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,000.00	0.00
34100	BUILDING INSPECTIONS	\$ 141,492.00	\$ 98,395.76	\$ 11,210.47	\$ 35,698.32	\$ 7,397.92	94.77
	FUNC 35100 ANIMAL CONTROL						
1100	SALARIES - REGULAR	\$ 35,845.00	\$ 26,883.75	\$ 2,987.08	\$ 8,961.24	\$ 0.01	100.00
1300	SALARIES - PART TIME	\$ 20,000.00	\$ 0.00	\$ 1,425.44	\$ 3,902.24	\$ 16,097.76	19.51
2100	FICA BENEFITS	\$ 4,272.00	\$ 1,742.96	\$ 302.71	\$ 879.51	\$ 1,649.53	61.39
2210	VSRS BENEFITS	\$ 4,352.00	\$ 3,263.69	\$ 362.63	\$ 1,087.89	\$ 0.42	99.99
2300	HEALTH INSURANCE BENEFITS	\$ 5,593.00	\$ 4,194.45	\$ 466.05	\$ 1,398.15	\$ 0.40	99.99
2400	LIFE INSURANCE	\$ 427.00	\$ 319.91	\$ 35.55	\$ 106.64	\$ 0.45	99.89
2700	WORKERS COMPENSATION INSURANCE	\$ 535.00	\$ 0.00	\$ 0.00	\$ 577.44	\$ 42.44	107.93
2860	LINE OF DUTY BENEFITS	\$ 250.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 250.00	0.00
3100	PROFESSIONAL SERVICES	\$ 7,000.00	\$ 0.00	\$ 870.39	\$ 921.67	\$ 6,078.33	13.17
3500	PRINTING AND BINDING	\$ 200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 200.00	0.00
5210	POSTAL SERVICES	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
5230	TELECOMMUNICATIONS	\$ 2,000.00	\$ 142.90	\$ 105.15	\$ 200.23	\$ 1,656.87	17.16
5510	TRAVEL MILEAGE	\$ 608.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 608.00	0.00
5540	TRAVEL CONVENTION & EDUCATION	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,000.00	0.00
5810	DUES & MEMBERSHIPS	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
6001	OFFICE SUPPLIES	\$ 150.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 150.00	0.00
6004	MEDICAL AND LABORATORY SUPPLIES	\$ 1,500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,500.00	0.00
6008	VEHICLE AND EQUIP FUEL	\$ 848.00	\$ 0.00	\$ 132.39	\$ 269.98	\$ 578.02	31.84
6011	UNIFORM AND WEARING APPAREL	\$ 400.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 400.00	0.00
6014	OTHER OPERATING SUPPLIES	\$ 5,000.00	\$ 100.00	\$ 0.00	\$ 272.55	\$ 4,627.45	7.45
35100	ANIMAL CONTROL	\$ 91,180.00	\$ 36,647.66	\$ 6,687.39	\$ 18,577.54	\$ 35,954.80	60.57
	FUNC 35300 MEDICAL EXAMINER & INDIGENT BURIAL						
3100	PROFESSIONAL SERVICES	\$ 2,000.00	\$ 0.00	\$ 20.00	\$ 20.00	\$ 1,980.00	1.00
	FUNC 35600 COMMUNICATIONS						
1100	Salaries - Regular	\$ 208,522.00	\$ 156,392.25	\$ 17,376.93	\$ 52,130.79	\$ 1.04	100.00
2100	FICA Benefits	\$ 15,952.00	\$ 11,456.05	\$ 1,272.88	\$ 3,818.64	\$ 677.31	95.75
2210	VSRS Benefits	\$ 25,315.00	\$ 18,986.03	\$ 2,109.55	\$ 6,328.65	\$ 0.32	100.00
2300	Health Insurance Benefits	\$ 31,228.00	\$ 23,420.25	\$ 2,602.25	\$ 7,806.75	\$ 1.00	100.00
2400	Life Insurance	\$ 2,481.00	\$ 1,861.07	\$ 206.78	\$ 620.33	\$ 0.40	100.02
2700	Worker's Compensation	\$ 265.00	\$ 0.00	\$ 0.00	\$ 185.68	\$ 79.32	70.07
3320	MAINTENANCE SERVICE CONTRACT	\$ 62,338.00	\$ 0.00	\$ 0.00	\$ 11,651.00	\$ 50,687.00	18.69
3330	SOFTWARE LICENSES	\$ 0.00	\$ 5,710.09	\$ 5,709.91	\$ 5,709.91	\$ 11,420.00	100.00
5230	TELECOMMUNICATIONS	\$ 26,250.00	\$ 1,106.00	\$ 1,985.75	\$ 4,802.06	\$ 20,341.94	22.51
5420	TOWER LEASE	\$ 25,200.00	\$ 22,770.00	\$ 2,070.00	\$ 6,210.00	\$ 3,780.00	115.00
5540	TRAVEL CONVENTION & EDUCATION	\$ 2,000.00	\$ 0.00	\$ 130.00	\$ 130.00	\$ 1,870.00	6.50
5810	DUES & MEMBERSHIPS	\$ 300.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 300.00	0.00
6001	OFFICE SUPPLIES	\$ 2,000.00	\$ 0.00	\$ 169.25	\$ 792.04	\$ 1,207.96	39.60
6011	UNIFORM AND WEARING APPAREL	\$ 1,500.00	\$ 0.00	\$ 107.06	\$ 334.28	\$ 1,165.72	22.29
6014	OTHER OPERATING SUPPLIES	\$ 300.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 300.00	0.00
35600	COMMUNICATIONS	\$ 403,651.00	\$ 241,701.74	\$ 33,740.36	\$ 100,520.13	\$ 61,429.13	84.78

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3840	FUNC 42400 REFUSE DISPOSAL PURCHASED SERVICES	\$ 168,000.00	\$ 0.00	\$ 20,697.11	\$ 33,317.27	\$ 134,682.73	19.83
6014	FUNC 42600 LITTER CONTROL PROGRAM OTHER OPERATING SUPPLIES	\$ 5,399.00	\$ 2,305.82	\$ 150.00	\$ 774.18	\$ 2,319.00	57.05
3840	FUNC 42700 SANITATION PURCHASED SERVICES	\$ 24,000.00	\$ 0.00	\$ 2,206.36	\$ 4,412.72	\$ 19,587.28	18.39
5699	CIVIC CONTRIBUTIONS (CCSA)	\$ 39,000.00	\$ 0.00	\$ 37,000.00	\$ 39,000.00	\$ 0.00	100.00
42700	SANITATION	\$ 63,000.00	\$ 0.00	\$ 39,206.36	\$ 43,412.72	\$ 19,587.28	68.91
	FUNC 43200 GENERAL PROPERTY MAINTENANCE						
1100	SALARIES - REGULAR	\$ 158,749.00	\$ 105,525.23	\$ 11,725.05	\$ 35,175.15	\$ 18,048.62	88.63
2100	FICA BENEFITS	\$ 12,144.00	\$ 7,385.98	\$ 820.66	\$ 2,461.98	\$ 2,296.04	81.09
2210	VRSR BENEFITS	\$ 19,272.00	\$ 12,672.33	\$ 1,408.04	\$ 4,224.12	\$ 2,375.55	87.67
2300	HEALTH INSURANCE BENEFITS	\$ 20,611.00	\$ 12,941.99	\$ 1,437.93	\$ 4,313.79	\$ 3,355.22	83.72
2400	LIFE INSURANCE	\$ 1,889.00	\$ 1,255.75	\$ 139.53	\$ 418.60	\$ 214.65	88.64
2700	WORKERS COMPENSATION INSURANCE	\$ 3,150.00	\$ 0.00	\$ 0.00	\$ 3,636.34	\$ 486.34	115.44
3100	PROFESSIONAL SERVICES	\$ 600.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 600.00	0.00
3310	REPAIR & MAINTENANCE	\$ 55,735.00	\$ 13,781.90	\$ 1,954.50	\$ 2,929.50	\$ 39,023.60	29.98
3320	MAINTENANCE SERVICE CONTRACT	\$ 110,500.00	\$ 76,849.81	\$ 9,343.66	\$ 23,616.65	\$ 10,033.54	90.92
3600	ADVERTISING	\$ 1,100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,100.00	0.00
5110	ELECTRICAL SERVICES	\$ 105,847.00	\$ 0.00	\$ 8.40	\$ 8.40	\$ 105,838.60	0.01
5120	HEATING SERVICES	\$ 34,549.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 34,549.00	0.00
5130	WATER & SEWAGE SERVICES	\$ 24,855.00	\$ 0.00	\$ 12.90	\$ 110.15	\$ 24,744.85	0.44
5230	TELECOMMUNICATIONS	\$ 3,900.00	\$ 1,459.08	\$ 254.09	\$ 494.91	\$ 1,946.01	50.10
5301	BOILER INSURANCE	\$ 1,952.00	\$ 0.00	\$ 0.00	\$ 1,952.00	\$ 0.00	100.00
5302	FIRE INSURANCE	\$ 19,420.00	\$ 0.00	\$ 0.00	\$ 19,420.00	\$ 0.00	100.00
5305	MOTOR VEHICLE INSURANCE	\$ 5,328.00	\$ 0.00	\$ 0.00	\$ 5,130.00	\$ 198.00	96.28
5308	GENERAL LIABILITY INSURANCE	\$ 9,000.00	\$ 0.00	\$ 0.00	\$ 8,356.00	\$ 644.00	92.84
5410	EQUIPMENT RENTAL	\$ 3,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 3,000.00	0.00
5540	TRAVEL CONVENTION & EDUCATION	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,000.00	0.00
6003	AGRICULTURAL SUPPLIES	\$ 750.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 750.00	0.00
6005	LAUNDRY, HOUSEKEEPING, & JANITOR	\$ 16,000.00	\$ 7,878.76	\$ 602.60	\$ 12,121.24	\$ 4,000.00	125.00
6007	REPAIR AND MAINTENANCE SUPPLIES	\$ 50,000.00	\$ 5,945.00	\$ 1,895.06	\$ 2,279.90	\$ 41,775.10	16.45
6008	VEHICLE AND EQUIP FUEL	\$ 8,888.00	\$ 0.00	\$ 760.97	\$ 1,246.73	\$ 7,641.27	14.03
6009	VEHICLE AND EQUIPMENT SUPPLIES	\$ 5,500.00	\$ 0.00	\$ 961.23	\$ 961.23	\$ 4,538.77	17.48
6014	OTHER OPERATING SUPPLIES	\$ 500.00	\$ 0.00	\$ 56.25	\$ 142.73	\$ 357.27	28.55
8201	MACHINERY & EQUIPMENT	\$ 8,000.00	\$ 0.00	\$ 567.52	\$ 567.52	\$ 7,432.48	7.09
8202	FURNITURE & FIXTURES	\$ 400.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 400.00	0.00
43200	GENERAL PROPERTY MAINTENANCE	\$ 682,639.00	\$ 245,695.83	\$ 31,948.39	\$ 129,566.94	\$ 307,376.23	54.97
	FUNC 43202 101 CHALMERS COURT						
3100	PROFESSIONAL SERVICES	\$ 0.00	\$ 0.00	\$ 498.75	\$ 735.00	\$ 735.00	100.00
3310	REPAIR & MAINTENANCE	\$ 3,100.00	\$ 2,000.00	\$ 172.11	\$ 1,202.63	\$ 102.63	103.31
3320	MAINTENANCE SERVICE CONTRACTS	\$ 32,300.00	\$ 24,620.98	\$ 3,418.87	\$ 7,599.61	\$ 79.41	99.75
5110	ELECTRICAL SERVICES	\$ 0.00	\$ 0.00	\$ 2,246.88	\$ 2,246.88	\$ 2,246.88	100.00
5130	WATER & SEWAGE SERVICES	\$ 100.00	\$ 0.00	\$ 69.19	\$ 124.54	\$ 24.54	124.54
6007	REPAIR AND MAINT SUPPLIES	\$ 700.00	\$ 0.00	\$ 100.96	\$ 701.78	\$ 1.78	100.25
43202	101 CHALMERS COURT	\$ 36,200.00	\$ 26,620.98	\$ 6,506.76	\$ 12,610.44	\$ 3,031.42	108.37
	FUNC 43205 129 RAMSBURG LN MAINTENANCE DEPT						
3310	REPAIR & MAINTENANCE	\$ 500.00	\$ 0.00	\$ 1,233.10	\$ 1,341.10	\$ 841.10	268.22
3320	MAINTENANCE SERVICE CONTRACTS	\$ 200.00	\$ 0.00	\$ 0.00	\$ 104.50	\$ 95.50	52.25
5110	ELECTRICAL SERVICES	\$ 0.00	\$ 0.00	\$ 271.66	\$ 271.66	\$ 271.66	100.00

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5130	WATER & SEWAGE SERVICES	\$ 100.00	\$ 0.00	\$ 7.75	\$ 23.25	\$ 76.75	23.25
43205	129 RAMSBURG LN MAINTENANCE DEPT	\$ 800.00	\$ 0.00	\$ 1,512.51	\$ 1,740.51	\$ 940.51	217.56
	FUNC 43206 100 N CHRUCH ST/RADIO TOWER						
3320	MAINTENANCE SERVICE CONTRACTS	\$ 2,800.00	\$ 1,500.00	\$ 1,080.00	\$ 1,270.00	\$ 30.00	98.93
5110	ELECTRICAL SERVICES	\$ 200.00	\$ 0.00	\$ 1,022.66	\$ 1,170.08	\$ 970.08	585.04
5120	HEATING SERVICES	\$ 100.00	\$ 0.00	\$ 0.00	\$ 72.14	\$ 27.86	72.14
5130	WATER & SEWAGE SERVICES	\$ 200.00	\$ 0.00	\$ 245.43	\$ 421.65	\$ 221.65	210.82
6007	REPAIR AND MAINT SUPPLIES	\$ 200.00	\$ 0.00	\$ 0.00	\$ 119.60	\$ 80.40	59.80
43206	100 N CHRUCH ST/RADIO TOWER	\$ 3,500.00	\$ 1,500.00	\$ 2,348.09	\$ 3,053.47	\$ 1,053.47	130.10
	FUNC 43207 102 N CHRUCH ST						
3310	REPAIR & MAINTENANCE	\$ 3,400.00	\$ 3,000.00	\$ 274.50	\$ 657.60	\$ 257.60	107.58
3320	MAINTENANCE SERVICE CONTRACTS	\$ 200.00	\$ 0.00	\$ 0.00	\$ 171.00	\$ 29.00	85.50
5110	ELECTRICAL SERVICES	\$ 0.00	\$ 0.00	\$ 1,784.45	\$ 1,784.45	\$ 1,784.45	100.00
6007	REPAIR AND MAINT SUPPLIES	\$ 600.00	\$ 0.00	\$ 10.99	\$ 538.51	\$ 61.49	89.75
43207	102 N CHRUCH ST	\$ 4,200.00	\$ 3,000.00	\$ 2,069.94	\$ 3,151.56	\$ 1,951.56	146.47
	FUNC 43208 104 N CHURCH/106 N CHURCH ST						
3310	REPAIR & MAINTENANCE	\$ 12,500.00	\$ 10,892.00	\$ 550.00	\$ 1,850.00	\$ 242.00	101.94
3320	MAINTENANCE SERVICE CONTRACTS	\$ 1,700.00	\$ 0.00	\$ 1,320.00	\$ 1,643.00	\$ 57.00	96.65
5110	ELECTRICAL SERVICES	\$ 0.00	\$ 0.00	\$ 1,088.09	\$ 1,088.09	\$ 1,088.09	100.00
5130	WATER & SEWAGE SERVICES	\$ 100.00	\$ 0.00	\$ 88.28	\$ 176.56	\$ 76.56	176.56
6007	REPAIR AND MAINT SUPPLIES	\$ 300.00	\$ 0.00	\$ 0.00	\$ 206.09	\$ 93.91	68.70
43208	104 N CHURCH/106 N CHURCH ST	\$ 14,600.00	\$ 10,892.00	\$ 3,046.37	\$ 4,963.74	\$ 1,255.74	108.60
	FUNC 43209 225 RAMSBURG LANE ANIMAL SHELTER						
3310	PROFESSIONAL SERVICES	\$ 3,000.00	\$ 1,000.00	\$ 0.00	\$ 1,934.13	\$ 65.87	97.80
3320	MAINTENANCE SERVICE CONTRACTS	\$ 600.00	\$ 0.00	\$ 0.00	\$ 513.00	\$ 87.00	85.50
5110	ELECTRICAL SERVICES	\$ 700.00	\$ 0.00	\$ 636.05	\$ 1,250.56	\$ 550.56	178.65
5120	HEATING SERVICES	\$ 600.00	\$ 0.00	\$ 0.00	\$ 594.26	\$ 5.74	99.04
6007	REPAIR AND MAINT SUPPLIES	\$ 100.00	\$ 0.00	\$ 45.69	\$ 66.35	\$ 33.65	66.35
43209	225 RAMSBURG LANE ANIMAL SHELTER	\$ 5,000.00	\$ 1,000.00	\$ 681.74	\$ 4,358.30	\$ 358.30	107.17
	FUNC 43210 524 WESTWOOD RD						
3310	REPAIR & MAINTENANCE	\$ 307.00	\$ 0.00	\$ 0.00	\$ 306.34	\$ 0.66	99.79
3320	MAINTENANCE SERVICE CONTRACTS	\$ 200.00	\$ 0.00	\$ 0.00	\$ 190.00	\$ 10.00	95.00
5110	ELECTRICAL SERVICES	\$ 300.00	\$ 0.00	\$ 232.34	\$ 447.47	\$ 147.47	149.16
6007	REPAIR AND MAINT SUPPLIES	\$ 100.00	\$ 0.00	\$ 0.00	\$ 18.47	\$ 81.53	18.47
43210	524 WESTWOOD RD	\$ 907.00	\$ 0.00	\$ 232.34	\$ 962.28	\$ 55.28	106.09
	FUNC 43211 225 AL SMITH CIR REC CENTER						
3310	REPAIR & MAINTENANCE	\$ 500.00	\$ 20,742.00	\$ 38.00	\$ 38.00	\$ 20,280.00	4156.00
3320	MAINTENANCE SERVICE CONTRACTS	\$ 300.00	\$ 0.00	\$ 0.00	\$ 209.00	\$ 91.00	69.67
5110	ELECTRICAL SERVICES	\$ 1,400.00	\$ 0.00	\$ 1,281.24	\$ 2,616.03	\$ 1,216.03	186.86
5130	WATER & SEWAGE SERVICES	\$ 300.00	\$ 0.00	\$ 341.00	\$ 589.00	\$ 289.00	196.33
6007	REPAIR AND MAINT SUPPLIES	\$ 1,300.00	\$ 0.00	\$ 0.00	\$ 1,248.75	\$ 51.25	96.06
43211	225 AL SMITH CIR REC CENTER	\$ 3,800.00	\$ 20,742.00	\$ 1,660.24	\$ 4,700.78	\$ 21,642.78	669.55
	FUNC 43212 225 AL SMITH CIR PARK OFFICE/GROUNDS						
3310	REPAIR & MAINTENANCE	\$ 3,858.00	\$ 1,458.89	\$ 75.00	\$ 2,449.06	\$ 49.95	101.29
5110	ELECTRICAL SERVICES	\$ 1,400.00	\$ 0.00	\$ 558.83	\$ 1,943.27	\$ 543.27	138.81

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5130	WATER & SEWAGE SERVICES	\$ 400.00	\$ 0.00	\$ 269.88	\$ 620.96	\$ 220.96	155.24
6007	REPAIR AND MAINT SUPPLIES	\$ 200.00	\$ 0.00	\$ 641.47	\$ 801.21	\$ 601.21	400.61
43212	225 AL SMITH CIR PARK OFFICE/GRO	\$ 5,858.00	\$ 1,458.89	\$ 1,545.18	\$ 5,814.50	\$ 1,415.39	124.16
	FUNC 43213 225 AL SMITH CIR POOL						
3310	REPAIR & MAINTENANCE	\$ 1,100.00	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 100.00	90.91
5110	ELECTRICAL SERVICES	\$ 500.00	\$ 0.00	\$ 1,241.39	\$ 1,692.83	\$ 1,192.83	338.57
5130	WATER & SEWAGE SERVICES	\$ 2,400.00	\$ 0.00	\$ 1,986.30	\$ 4,303.65	\$ 1,903.65	179.32
6007	REPAIR AND MAINT SUPPLIES	\$ 0.00	\$ 0.00	\$ 49.71	\$ 65.69	\$ 65.69	100.00
43213	225 AL SMITH CIR POOL	\$ 4,000.00	\$ 1,000.00	\$ 3,277.40	\$ 6,062.17	\$ 3,062.17	176.55
	FUNC 43214 225 AL SMITH CIR BASEBALL						
3310	REPAIR & MAINTENANCE	\$ 1,300.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,300.00	0.00
5110	ELECTRICAL SERVICES	\$ 300.00	\$ 0.00	\$ 182.56	\$ 383.71	\$ 83.71	127.90
6007	REPAIR AND MAINT SUPPLIES	\$ 100.00	\$ 1,347.84	\$ 1,200.00	\$ 1,217.13	\$ 2,464.97	2564.97
43214	225 AL SMITH CIR BASEBALL	\$ 1,700.00	\$ 1,347.84	\$ 1,382.56	\$ 1,600.84	\$ 1,248.68	173.45
	FUNC 43215 225 AL SMITH CIR SOCCER						
3310	REPAIR & MAINTENANCE	\$ 0.00	\$ 0.00	\$ 125.00	\$ 125.00	\$ 125.00	100.00
5110	ELECTRICAL SERVICES	\$ 100.00	\$ 0.00	\$ 73.26	\$ 143.87	\$ 43.87	143.87
6007	REPAIR AND MAINT SUPPLIES	\$ 0.00	\$ 0.00	\$ 83.85	\$ 83.85	\$ 83.85	100.00
43215	225 AL SMITH CIR SOCCER	\$ 100.00	\$ 0.00	\$ 282.11	\$ 352.72	\$ 252.72	352.72
	FUNC 43236 36 E MAIN ST						
3310	REPAIR & MAINTENANCE	\$ 8,450.00	\$ 7,000.00	\$ 0.00	\$ 1,450.00	\$ 0.00	100.00
5110	ELECTRICAL SERVICES	\$ 0.00	\$ 0.00	\$ 62.49	\$ 62.49	\$ 62.49	100.00
5130	WATER & SEWAGE SERVICES	\$ 100.00	\$ 0.00	\$ 308.98	\$ 375.19	\$ 275.19	375.19
43236	36 E MAIN ST	\$ 8,550.00	\$ 7,000.00	\$ 371.47	\$ 1,887.68	\$ 337.68	103.95
	FUNC 43237 311 E MAIN ST						
3310	REPAIR & MAINTENANCE	\$ 200.00	\$ 0.00	\$ 216.00	\$ 373.50	\$ 173.50	186.75
3320	MAINTENANCE SERVICE CONTRACTS	\$ 1,700.00	\$ 0.00	\$ 1,320.00	\$ 1,624.00	\$ 76.00	95.53
5110	ELECTRICAL SERVICES	\$ 0.00	\$ 0.00	\$ 846.86	\$ 846.86	\$ 846.86	100.00
5130	WATER & SEWAGE SERVICES	\$ 100.00	\$ 0.00	\$ 88.28	\$ 154.49	\$ 54.49	154.49
6007	REPAIR AND MAINT SUPPLIES	\$ 0.00	\$ 0.00	\$ 82.74	\$ 82.74	\$ 82.74	100.00
43237	311 E MAIN ST	\$ 2,000.00	\$ 0.00	\$ 2,553.88	\$ 3,081.59	\$ 1,081.59	154.08
	FUNC 51100 LOCAL HEALTH DEPARTMENT						
5610	CIVIC CONTRIBUTIONS	\$ 199,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 199,000.00	0.00
	FUNC 51200 OUR HEALTH						
5699	CIVIC CONTRIBUTIONS	\$ 6,500.00	\$ 0.00	\$ 0.00	\$ 6,500.00	\$ 0.00	100.00
	FUNC 52500 NORTHWESTERN COMMUNITY SERVICES						
5620	CIVIC CONTRIBUTIONS	\$ 82,000.00	\$ 0.00	\$ 0.00	\$ 20,500.00	\$ 61,500.00	25.00
	FUNC 52800 CONCERN HOTLINE						
5699	CIVIC CONTRIBUTIONS	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 1,000.00	\$ 0.00	100.00
	FUNC 52900 NW WORKS						
5699	CIVIC CONTRIBUTIONS	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 1,000.00	\$ 0.00	100.00
	FUNC 53230 SHENANDOAH AREA AGENCY ON AGING						

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5699	CIVIC CONTRIBUTIONS	\$ 40,000.00	\$ 0.00	\$ 0.00	\$ 10,000.00	\$ 30,000.00	25.00
	FUNC 53240 VIRGINIA REGIONAL TRANSIT						
5699	CIVIC CONTRIBUTIONS	\$ 17,639.00	\$ 0.00	\$ 0.00	\$ 4,409.75	\$ 13,229.25	25.00
	FUNC 53500 THE LAUREL CENTER (SHELTER FOR ABUSED WOMEN)						
5699	CIVIC CONTRIBUTIONS	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,000.00	0.00
	FUNC 53600 ACCESS INDEPENDENCE						
5699	CIVIC CONTRIBUTIONS	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 1,000.00	\$ 0.00	100.00
	FUNC 69100 LORD FAIRFAX COMMUNITY COLLEGE						
5699	CIVIC CONTRIBUTIONS	\$ 14,355.00	\$ 0.00	\$ 0.00	\$ 3,588.75	\$ 10,766.25	25.00
	FUNC 71100 PARKS ADMINISTRATION						
1100	SALARIES - REGULAR	\$ 232,243.00	\$ 174,182.25	\$ 19,353.58	\$ 58,060.74	\$ 0.01	100.00
1300	SALARIES - PART TIME	\$ 13,356.00	\$ 0.00	\$ 1,982.25	\$ 6,158.25	\$ 7,197.75	46.11
2100	FICA BENEFITS	\$ 18,789.00	\$ 12,106.61	\$ 1,496.80	\$ 4,506.61	\$ 2,175.78	88.42
2210	VSRS BENEFITS	\$ 28,194.00	\$ 21,145.75	\$ 2,349.52	\$ 7,048.56	\$ 0.31	100.00
2300	HEALTH INSURANCE BENEFITS	\$ 29,143.00	\$ 21,507.21	\$ 2,389.69	\$ 7,169.07	\$ 466.72	98.40
2400	LIFE INSURANCE	\$ 2,764.00	\$ 2,072.76	\$ 230.32	\$ 690.93	\$ 0.31	99.99
2700	WORKERS COMPENSATION INSURANCE	\$ 7,035.00	\$ 0.00	\$ 0.00	\$ 8,164.69	\$ 1,129.69	116.06
3320	MAINTENANCE SERVICE CONTRACT	\$ 4,772.00	\$ 2,560.29	\$ 102.87	\$ 371.71	\$ 1,840.00	61.44
3500	PRINTING AND BINDING	\$ 1,225.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,225.00	0.00
3600	ADVERTISING	\$ 1,190.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,190.00	0.00
5210	POSTAL SERVICES	\$ 6,260.00	\$ 2,500.29	\$ 0.00	\$ 1,261.36	\$ 2,498.35	60.09
5230	TELECOMMUNICATIONS	\$ 3,961.00	\$ 0.00	\$ 143.14	\$ 257.48	\$ 3,703.52	6.50
5400	LEASES AND RENTALS	\$ 530.00	\$ 0.00	\$ 97.65	\$ 3,115.52	\$ 2,585.52	587.83
5510	TRAVEL MILEAGE	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
5540	TRAVEL CONVENTION & EDUCATION	\$ 2,274.00	\$ 0.00	\$ 260.91	\$ 520.91	\$ 1,753.09	22.91
5810	DUES & MEMBERSHIPS	\$ 1,775.00	\$ 0.00	\$ 40.00	\$ 890.00	\$ 885.00	50.14
6001	OFFICE SUPPLIES	\$ 2,500.00	\$ 0.00	\$ 133.60	\$ 569.24	\$ 1,930.76	22.77
6003	AGRICULTURAL SUPPLIES	\$ 1,090.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,090.00	0.00
6008	VEHICLE AND EQUIP FUEL	\$ 2,000.00	\$ 0.00	\$ 99.79	\$ 146.89	\$ 1,853.11	7.34
6011	UNIFORM AND WEARING APPAREL	\$ 1,250.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,250.00	0.00
6014	OTHER OPERATING SUPPLIES	\$ 1,856.00	\$ 0.00	\$ 0.00	\$ 800.52	\$ 1,055.48	43.13
71100	PARKS ADMINISTRATION	\$ 362,307.00	\$ 236,075.16	\$ 28,680.12	\$ 99,732.48	\$ 26,499.36	92.69
	FUNC 71310 CLARKE COUNTY RECREATION CENTER						
1100	SALARIES - REGULAR	\$ 43,210.00	\$ 32,407.50	\$ 3,600.83	\$ 10,802.49	\$ 0.01	100.00
1300	SALARIES - PART TIME	\$ 25,809.00	\$ 0.00	\$ 953.69	\$ 3,827.35	\$ 21,981.65	14.83
2100	FICA BENEFITS	\$ 5,280.00	\$ 2,455.50	\$ 345.79	\$ 1,111.28	\$ 1,713.22	67.55
2210	VSRS BENEFITS	\$ 5,246.00	\$ 3,934.27	\$ 437.14	\$ 1,311.42	\$ 0.31	99.99
2300	HEALTH INSURANCE BENEFITS	\$ 5,127.00	\$ 3,845.28	\$ 427.24	\$ 1,281.72	\$ 0.00	100.00
2400	LIFE INSURANCE	\$ 514.00	\$ 385.65	\$ 42.85	\$ 128.55	\$ 0.20	100.04
2700	WORKERS COMPENSATION INSURANCE	\$ 735.00	\$ 0.00	\$ 0.00	\$ 684.37	\$ 50.63	93.11
3600	ADVERTISING	\$ 200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 200.00	0.00
5230	TELECOMMUNICATIONS	\$ 400.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 400.00	0.00
5830	REFUNDS	\$ 400.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 400.00	0.00
6001	OFFICE SUPPLIES	\$ 250.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 250.00	0.00
6002	FOOD SUPPLIES & FOOD SERVICE SUP	\$ 1,820.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,820.00	0.00
6013	EDUCATIONAL AND RECREATIONAL SUP	\$ 2,300.00	\$ 0.00	\$ 0.00	\$ 170.52	\$ 2,129.48	7.41
6014	OTHER OPERATING SUPPLIES	\$ 4,500.00	\$ 0.00	\$ 408.25	\$ 458.71	\$ 4,041.29	10.19
6015	MERCHANDISE FOR RESALE	\$ 10,000.00	\$ 0.00	\$ 0.00	\$ 1,170.40	\$ 8,829.60	11.70
71310	CLARKE COUNTY RECREATION CENTER	\$ 105,791.00	\$ 43,028.20	\$ 6,215.79	\$ 20,946.81	\$ 41,815.99	60.47
	FUNC 71320 SWIMMING POOL						

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1300	SALARIES - PART TIME	\$ 60,251.00	\$ 0.00	\$ 2,690.09	\$ 39,839.47	\$ 20,411.53	66.12
2100	FICA BENEFITS	\$ 4,610.00	\$ 0.00	\$ 205.77	\$ 3,047.71	\$ 1,562.29	66.11
2700	WORKERS COMPENSATION INSURANCE	\$ 420.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 420.00	0.00
3100	PROFESSIONAL SERVICES	\$ 2,900.00	\$ 0.00	\$ 0.00	\$ 105.00	\$ 2,795.00	3.62
5540	TRAVEL CONVENTION & EDUCATION	\$ 600.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 600.00	0.00
5810	DUES & MEMBERSHIPS	\$ 2,375.00	\$ 0.00	\$ 0.00	\$ 1,100.00	\$ 1,275.00	46.32
5830	REFUNDS	\$ 500.00	\$ 0.00	\$ 0.00	\$ 190.00	\$ 310.00	38.00
6011	UNIFORM AND WEARING APPAREL	\$ 1,143.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,143.00	0.00
6013	EDUCATIONAL AND RECREATIONAL SUP	\$ 1,700.00	\$ 0.00	\$ 0.00	\$ 213.85	\$ 1,486.15	12.58
6014	OTHER OPERATING SUPPLIES	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 121.18	\$ 1,878.82	6.06
6015	MERCHANDISE FOR RESALE	\$ 2,400.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,400.00	0.00
6026	POOL CHEMICALS	\$ 11,000.00	\$ 0.00	\$ 0.00	\$ 2,245.00	\$ 8,755.00	20.41
71320	SWIMMING POOL	\$ 89,899.00	\$ 0.00	\$ 2,895.86	\$ 46,862.21	\$ 43,036.79	52.13
	FUNC 71330 CONCESSION STAND						
1300	SALARIES/WAGES - PART TIME	\$ 4,400.00	\$ 0.00	\$ 363.38	\$ 3,511.38	\$ 888.62	79.80
2100	FICA	\$ 337.00	\$ 0.00	\$ 27.79	\$ 268.62	\$ 68.38	79.71
6001	OFFICE SUPPLIES	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
6015	MERCHANDISE FOR RESALE	\$ 16,000.00	\$ 0.00	\$ 0.00	\$ 5,412.26	\$ 10,587.74	33.83
71330	CONCESSION STAND	\$ 21,237.00	\$ 0.00	\$ 391.17	\$ 9,192.26	\$ 12,044.74	43.28
	FUNC 71350 PROGRAMS						
1100	SALARIES/WAGES - REGULAR	\$ 33,856.00	\$ 25,392.00	\$ 2,821.33	\$ 8,463.99	\$ 0.01	100.00
1300	SALARIES - PART TIME	\$ 94,500.00	\$ 0.00	\$ 3,551.50	\$ 32,287.47	\$ 62,212.53	34.17
2100	FICA BENEFITS	\$ 9,820.00	\$ 1,943.75	\$ 487.65	\$ 3,117.88	\$ 4,758.37	51.54
2210	VSRS	\$ 4,110.00	\$ 3,082.59	\$ 342.51	\$ 1,027.53	\$ 0.12	100.00
2400	LIFE INSURANCE	\$ 403.00	\$ 302.17	\$ 33.57	\$ 100.72	\$ 0.11	99.97
2700	WORKERS COMPENSATION BENEFITS	\$ 840.00	\$ 0.00	\$ 0.00	\$ 873.46	\$ 33.46	103.98
3100	PROFESSIONAL SERVICES	\$ 50,500.00	\$ 46,883.96	\$ 1,426.05	\$ 15,209.85	\$ 11,593.81	122.96
3500	PRINTING AND BINDING	\$ 9,000.00	\$ 1,273.96	\$ 0.00	\$ 2,302.96	\$ 5,423.08	39.74
3600	ADVERTISING	\$ 1,700.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,700.00	0.00
5210	POSTAL SERVICES	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
5400	LEASES AND RENTALS	\$ 1,500.00	\$ 0.00	\$ 0.00	\$ 224.03	\$ 1,275.97	14.94
5540	TRAVEL CONVENTION & EDUCATION	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
5560	GROUP TRIPS	\$ 15,000.00	\$ 0.00	\$ 395.50	\$ 2,042.85	\$ 12,957.15	13.62
5810	DUES & MEMBERSHIPS	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
5830	REFUNDS	\$ 7,500.00	\$ 0.00	\$ 439.00	\$ 1,384.70	\$ 6,115.30	18.46
6001	OFFICE SUPPLIES	\$ 100.00	\$ 0.00	\$ 17.58	\$ 17.58	\$ 82.42	17.58
6002	FOOD SUPPLIES & FOOD SERVICE SUP	\$ 6,900.00	\$ 0.00	\$ 169.90	\$ 1,587.33	\$ 5,312.67	23.00
6011	UNIFORM AND WEARING APPAREL	\$ 3,000.00	\$ 0.00	\$ 21.75	\$ 332.25	\$ 2,667.75	11.07
6013	EDUCATIONAL AND RECREATIONAL SUP	\$ 6,500.00	\$ 0.00	\$ 0.00	\$ 491.78	\$ 6,008.22	7.57
6014	OTHER OPERATING SUPPLIES	\$ 5,000.00	\$ 0.00	\$ 339.40	\$ 991.22	\$ 4,008.78	19.82
6015	MERCHANDISE FOR RESALE	\$ 6,000.00	\$ 1,198.00	\$ 0.00	\$ 1,085.00	\$ 3,717.00	38.05
71350	PROGRAMS	\$ 257,329.00	\$ 80,076.43	\$ 10,045.74	\$ 71,540.60	\$ 105,711.97	58.92
	FUNC 72220 JOSEPHINE SCHOOL COMMUNITY MUSEUM						
5699	CIVIC CONTRIBUTIONS	\$ 7,290.00	\$ 0.00	\$ 0.00	\$ 7,290.00	\$ 0.00	100.00
	FUNC 72600 VIRGINIA COMMISSION FOR THE ARTS						
5699	CIVIC CONTRIBUTIONS	\$ 10,000.00	\$ 0.00	\$ 0.00	\$ 5,000.00	\$ 5,000.00	50.00
	FUNC 73200 REGIONAL LIBRARY						
5699	CIVIC CONTRIBUTIONS	\$ 182,119.00	\$ 0.00	\$ 0.00	\$ 45,529.75	\$ 136,589.25	25.00
	FUNC 81110 PLANNING ADMINISTRATION						
1100	SALARIES - REGULAR	\$ 225,353.00	\$ 172,202.25	\$ 19,133.61	\$ 57,400.83	\$ 4,250.08	101.89

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2100	FICA BENEFITS	\$ 17,239.00	\$ 13,108.22	\$ 1,456.48	\$ 4,369.44	\$ 238.66	101.38
2210	VSRS BENEFITS	\$ 27,358.00	\$ 20,905.35	\$ 2,322.82	\$ 6,968.46	\$ 515.81	101.89
2300	HEALTH INSURANCE BENEFITS	\$ 20,987.00	\$ 13,458.06	\$ 1,495.34	\$ 4,486.02	\$ 3,042.92	85.50
2400	LIFE INSURANCE	\$ 2,682.00	\$ 2,049.20	\$ 227.70	\$ 683.10	\$ 50.30	101.88
2700	WORKERS COMPENSATION INSURANCE	\$ 3,885.00	\$ 0.00	\$ 0.00	\$ 3,608.17	\$ 276.83	92.87
3100	PROFESSIONAL SERVICES	\$ 30,000.00	\$ 0.00	\$ 1,790.93	\$ 1,790.93	\$ 28,209.07	5.97
3140	ENGINEERING REVIEW EXPENDITURES	\$ 5,000.00	\$ 0.00	\$ 165.00	\$ 577.50	\$ 4,422.50	11.55
3320	MAINTENANCE SERVICE CONTRACT	\$ 700.00	\$ 500.46	\$ 99.54	\$ 99.54	\$ 100.00	85.71
3500	PRINTING AND BINDING	\$ 3,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 3,000.00	0.00
3600	ADVERTISING	\$ 2,000.00	\$ 0.00	\$ 238.00	\$ 238.00	\$ 1,762.00	11.90
5210	POSTAL SERVICES	\$ 1,500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,500.00	0.00
5230	TELECOMMUNICATIONS	\$ 400.00	\$ 0.00	\$ 20.39	\$ 34.14	\$ 365.86	8.54
5510	TRAVEL MILEAGE	\$ 1,500.00	\$ 0.00	\$ 79.37	\$ 79.37	\$ 1,420.63	5.29
5540	TRAVEL CONVENTION & EDUCATION	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 2,000.00	\$ 0.00	100.00
5810	DUES & MEMBERSHIPS	\$ 750.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 750.00	0.00
6001	OFFICE SUPPLIES	\$ 2,500.00	\$ 0.00	\$ 154.25	\$ 302.35	\$ 2,197.65	12.09
6012	BOOKS AND SUBSCRIPTIONS	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,000.00	0.00
81110	PLANNING ADMINISTRATION	\$ 348,854.00	\$ 222,223.54	\$ 27,183.43	\$ 82,637.85	\$ 43,992.61	87.39
5699	FUNC 81300 HELP WITH HOUSING CIVIC CONTRIBUTIONS	\$ 7,200.00	\$ 0.00	\$ 0.00	\$ 7,200.00	\$ 0.00	100.00
1300	FUNC 81400 BOARD OF ZONING APPEALS SALARIES - PART TIME	\$ 250.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 250.00	0.00
2100	FICA	\$ 20.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 20.00	0.00
3100	PROFESSIONAL SERVICES	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 2,151.82	\$ 151.82	107.59
3160	BOARD SERVICES	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
3600	ADVERTISING	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
5210	POSTAL SERVICES	\$ 200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 200.00	0.00
5810	DUES & MEMBERSHIPS	\$ 150.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 150.00	0.00
81400	BOARD OF ZONING APPEALS	\$ 3,620.00	\$ 0.00	\$ 0.00	\$ 2,151.82	\$ 1,468.18	59.44
1100	FUNC 81510 OFFICE OF ECONOMIC DEVELOPMENT SALARIES AND WAGES - REGULAR	\$ 33,109.00	\$ 24,831.75	\$ 2,759.06	\$ 8,277.18	\$ 0.07	100.00
2100	FICA	\$ 2,533.00	\$ 1,905.66	\$ 211.74	\$ 635.22	\$ 7.88	100.31
2210	VSRS	\$ 4,019.00	\$ 3,014.58	\$ 334.95	\$ 1,004.85	\$ 0.43	100.01
2300	HOSPITAL/MEDICAL PLANS	\$ 2,564.00	\$ 1,852.58	\$ 213.62	\$ 640.86	\$ 70.56	97.25
2400	LIFE INSURANCE	\$ 394.00	\$ 295.50	\$ 32.83	\$ 98.49	\$ 0.01	100.00
3100	PROFESSIONAL SERVICES	\$ 1,000.00	\$ 0.00	\$ 688.50	\$ 688.50	\$ 311.50	68.85
3500	PRINTING AND BINDING	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
3600	ADVERTISING	\$ 200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 200.00	0.00
5210	POSTAGE	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
5230	TELECOMMUNICATIONS	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
5699	CIVIC CONTRIBUTIONS	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 1,000.00	\$ 0.00	100.00
5810	DUES & MEMBERSHIPS	\$ 400.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 400.00	0.00
6001	OFFICE SUPPLIES	\$ 400.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 400.00	0.00
81510	OFFICE OF ECONOMIC DEVELOPMENT	\$ 46,319.00	\$ 31,900.07	\$ 4,240.70	\$ 12,345.10	\$ 2,073.83	95.52
3100	FUNC 81520 BERRYVILLE DEVELOPMENT AUTHORITY PROFESSIONAL SERVICES	\$ 10,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 10,000.00	0.00
3160	BOARD SERVICES	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,000.00	0.00
3600	ADVERTISING	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
5210	POSTAL SERVICES	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
5307	PUBLIC OFFICIAL LIABILITY INS.	\$ 200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 200.00	0.00
81520	BERRYVILLE DEVELOPMENT AUTHORITY	\$ 11,800.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 11,800.00	0.00

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FUNC 81530 SMALL BUSINESS DEVELOPMENT CENTER							
5699	CIVIC CONTRIBUTIONS	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 2,000.00	\$ 0.00	100.00
FUNC 81540 BLANDY EXPERIMENTAL FARM							
5699	CIVIC CONTRIBUTIONS	\$ 4,000.00	\$ 0.00	\$ 0.00	\$ 4,000.00	\$ 0.00	100.00
FUNC 81600 PLANNING COMMISSION							
1300	SALARIES - PART TIME	\$ 500.00	\$ 0.00	\$ 0.00	\$ 100.00	\$ 400.00	20.00
2100	FICA	\$ 38.00	\$ 0.00	\$ 0.00	\$ 7.65	\$ 30.35	20.13
3100	PROFESSIONAL SERVICES	\$ 10,000.00	\$ 0.00	\$ 130.00	\$ 1,022.00	\$ 8,978.00	10.22
3160	BOARD SERVICES	\$ 10,000.00	\$ 0.00	\$ 850.00	\$ 1,500.00	\$ 8,500.00	15.00
3600	ADVERTISING	\$ 1,600.00	\$ 0.00	\$ 238.00	\$ 238.00	\$ 1,362.00	14.88
5210	POSTAL SERVICES	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
5540	TRAVEL CONVENTION & EDUCATION	\$ 500.00	\$ 0.00	\$ 0.00	\$ 90.00	\$ 410.00	18.00
5810	DUES & MEMBERSHIPS	\$ 650.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 650.00	0.00
81600	PLANNING COMMISSION	\$ 23,388.00	\$ 0.00	\$ 1,218.00	\$ 2,957.65	\$ 20,430.35	12.65
FUNC 81700 BOARD OF SEPTIC APPEALS							
1300	SALARIES AND WAGES - PART TIME	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
2100	FICA	\$ 39.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 39.00	0.00
3100	PROFESSIONAL SERVICES	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
3160	BOARD SERVICES	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
3600	ADVERTISING	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,000.00	0.00
5210	POSTAL SERVICES	\$ 200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 200.00	0.00
81700	BOARD OF SEPTIC APPEALS	\$ 2,739.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,739.00	0.00
FUNC 81800 HISTORIC PRESERVATION COMMISSION							
3100	PROFESSIONAL SERVICES	\$ 10,000.00	\$ 0.00	\$ 0.00	\$ 8,585.50	\$ 1,414.50	85.86
3160	BOARD SERVICES	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,000.00	0.00
3600	ADVERTISING	\$ 250.00	\$ 0.00	\$ 0.00	\$ 126.00	\$ 124.00	50.40
5210	POSTAL SERVICES	\$ 200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 200.00	0.00
5540	TRAVEL CONVENTION & EDUCATION	\$ 350.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 350.00	0.00
5810	DUES & MEMBERSHIPS	\$ 200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 200.00	0.00
81800	HISTORIC PRESERVATION COMMISSION	\$ 12,000.00	\$ 0.00	\$ 0.00	\$ 8,711.50	\$ 3,288.50	72.60
FUNC 81910 NORTHERN SHENANDOAH VALLEY REGIONAL COMM							
5699	CIVIC CONTRIBUTIONS	\$ 14,217.00	\$ 0.00	\$ 0.00	\$ 5,712.42	\$ 8,504.58	40.18
FUNC 81920 REGIONAL AIRPORT AUTHORITY							
5699	CIVIC CONTRIBUTIONS	\$ 5,000.00	\$ 0.00	\$ 0.00	\$ 1,250.00	\$ 3,750.00	25.00
FUNC 82200 FRIENDS OF THE SHENANDOAH							
5699	CIVIC CONTRIBUTIONS	\$ 4,000.00	\$ 0.00	\$ 0.00	\$ 4,000.00	\$ 0.00	100.00
FUNC 82210 WATER QUALITY MANAGEMENT							
3000	PURCHASED SERVICES	\$ 37,544.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 37,544.00	0.00
FUNC 82400 LORD FAIRFAX SOIL AND WATER CONSERV							
5699	CIVIC CONTRIBUTIONS	\$ 9,500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 9,500.00	0.00
FUNC 82600 BIO-SOLIDS APPLICATION							
1300	PART-TIME SALARIES	\$ 12,228.00	\$ 0.00	\$ 937.50	\$ 2,337.50	\$ 9,890.50	19.12
2100	FICA	\$ 936.00	\$ 0.00	\$ 71.71	\$ 178.81	\$ 757.19	19.10
2700	WORKERS COMPENSATION INSURANCE	\$ 315.00	\$ 0.00	\$ 0.00	\$ 321.41	\$ 6.41	102.03
3100	PROFESSIONAL SERVICES	\$ 400.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 400.00	0.00

CLARKE COUNTY
 PD-PJT-FUNC-OBJ EXPENDITURES SUMMARY REPORT DEFINITION TYPE #0
 for Fiscal Year 2013 (2012-2013 Fiscal Year)
 Posted Only Figures
 Executed By: gilleya

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Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For SEPTEMBER	Expenditures Year-to-Date	Available Balance	Percent Used
5230	TELECOMMUNICATIONS	\$ 400.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 400.00	0.00
5510	TRAVEL MILEAGE	\$ 4,837.00	\$ 0.00	\$ 354.20	\$ 644.60	\$ 4,192.40	13.33
82600	BIO-SOLIDS APPLICATION	\$ 19,116.00	\$ 0.00	\$ 1,363.41	\$ 3,482.32	\$ 15,633.68	18.22
FUNC 83100 COOPERATIVE EXTENSION							
3320	MAINTENANCE SERVICE CONTRACTS	\$ 500.00	\$ 533.82	\$ 106.18	\$ 106.18	\$ 140.00	128.00
3841	VPI EXTENSION AGENT	\$ 31,277.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 31,277.00	0.00
5230	TELECOMMUNICATIONS	\$ 500.00	\$ 0.00	\$ 40.08	\$ 70.67	\$ 429.33	14.13
6014	OTHER OPERATING SUPPLIES	\$ 3,924.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 3,924.00	0.00
83100	COOPERATIVE EXTENSION	\$ 36,201.00	\$ 533.82	\$ 146.26	\$ 176.85	\$ 35,490.33	1.96
FUNC 83400 4-H CENTER							
5699	CIVIC CONTRIBUTIONS	\$ 3,000.00	\$ 0.00	\$ 0.00	\$ 3,000.00	\$ 0.00	100.00
FUNC 91600 CONTINGENCIES							
1000	PERSONNEL	\$ 15,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 15,000.00	0.00
3140	ENGINEERING & ARCHITECTURAL	\$ 15,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 15,000.00	0.00
3150	LEGAL	\$ 20,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 20,000.00	0.00
8000	MINOR CAPITAL	\$ 20,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 20,000.00	0.00
91600	CONTINGENCIES	\$ 70,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 70,000.00	0.00
000	NON-CATEGORICAL	\$ 8,152,102.00	\$ 3,507,111.26	\$ 573,389.53	\$ 2,015,559.07	\$ 2,629,431.67	67.75
PJT 111 E911							
FUNC 35610							
5230	TELECOMMUNICATIONS	\$ 37,284.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 37,284.00	0.00
6032	TRAINING MATERIALS	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,000.00	0.00
35610		\$ 39,284.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 39,284.00	0.00
111	E911	\$ 39,284.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 39,284.00	0.00
PJT 126 V-STOP GRANT							
FUNC 22100 COMMONWEALTH'S ATTORNEY							
1100	SALARIES/WAGES - REGULAR	\$ 24,779.00	\$ 16,404.72	\$ 974.85	\$ 4,402.41	\$ 3,971.87	83.97
1300	SALARIES/WAGES - PART TIME	\$ 8,362.00	\$ 6,412.32	\$ 1,544.73	\$ 2,938.41	\$ 988.73	111.82
2100	FICA	\$ 2,536.00	\$ 316.65	\$ 52.71	\$ 159.29	\$ 2,060.06	18.77
2210	VSRS	\$ 4,023.00	\$ 778.27	\$ 84.59	\$ 253.77	\$ 2,990.96	25.65
2300	HEALTH INSURANCE	\$ 1,240.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,240.00	0.00
2400	GROUP LIFE	\$ 394.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 394.00	0.00
22100	COMMONWEALTH'S ATTORNEY	\$ 41,334.00	\$ 23,911.96	\$ 2,656.88	\$ 7,753.88	\$ 9,668.16	76.61
126	V-STOP GRANT	\$ 41,334.00	\$ 23,911.96	\$ 2,656.88	\$ 7,753.88	\$ 9,668.16	76.61
PJT 127 FEDERAL GANG TASK FORCE GRANT							
FUNC 31200 SHERIFF							
1100	SALARIES/WAGES - REGULAR	\$ 46,902.00	\$ 33,921.00	\$ 3,769.00	\$ 11,307.00	\$ 1,674.00	96.43
2100	FICA	\$ 3,677.00	\$ 2,573.27	\$ 285.92	\$ 857.76	\$ 245.97	93.31
2210	VSRS	\$ 5,694.00	\$ 4,118.00	\$ 457.56	\$ 1,372.68	\$ 203.32	96.43
2300	HOSPITAL/MEDICAL PLANS	\$ 8,169.00	\$ 3,845.16	\$ 427.24	\$ 1,281.72	\$ 3,042.12	62.76
2400	LIFE INSURANCE	\$ 558.00	\$ 403.66	\$ 44.85	\$ 134.55	\$ 19.79	96.45
2700	WORKER'S COMPENSATION	\$ 0.00	\$ 0.00	\$ 0.00	\$ 731.90	\$ 731.90	100.00

CLARKE COUNTY
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Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For SEPTEMBER	Expenditures Year-to-Date	Available Balance	Percent Used
31200	SHERIFF	\$ 65,000.00	\$ 44,861.09	\$ 4,984.57	\$ 15,685.61	\$ 4,453.30	93.15
127	FEDERAL GANG TASK FORCE GRANT	\$ 65,000.00	\$ 44,861.09	\$ 4,984.57	\$ 15,685.61	\$ 4,453.30	93.15
PJT 402 DMV 402 GRANT							
FUNC 31200 SHERIFF							
1300	SALARIES/WAGES - PART TIME	\$ 4,410.00	\$ 0.00	\$ 0.00	\$ 1,748.13	\$ 2,661.87	39.64
2100	FICA	\$ 337.00	\$ 0.00	\$ 0.00	\$ 133.70	\$ 203.30	39.67
6010	POLICE SUPPLIES	\$ 6,928.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 6,928.00	0.00
31200	SHERIFF	\$ 11,675.00	\$ 0.00	\$ 0.00	\$ 1,881.83	\$ 9,793.17	16.12
402	DMV 402 GRANT	\$ 11,675.00	\$ 0.00	\$ 0.00	\$ 1,881.83	\$ 9,793.17	16.12
PJT 605 DOJ LOCAL LAW ENFORCEMENT BLOCK GRANT (LLEBG)							
FUNC 31200 SHERIFF							
1100	SALARIES/WAGES - REGULAR	\$ 0.00	\$ 0.00	\$ 0.00	\$ 297.29	\$ 297.29	100.00
2100	FICA	\$ 0.00	\$ 0.00	\$ 0.00	\$ 22.74	\$ 22.74	100.00
31200	SHERIFF	\$ 0.00	\$ 0.00	\$ 0.00	\$ 320.03	\$ 320.03	100.00
605	DOJ LOCAL LAW ENFORCEMENT BLOCK	\$ 0.00	\$ 0.00	\$ 0.00	\$ 320.03	\$ 320.03	100.00
PJT 810 ARRA BYRNE JUSTICE ASSISTANCE GRANT							
FUNC 31200 SHERIFF							
1200	OVERTIME	\$ 5,037.00	\$ 0.00	\$ 0.00	\$ 1,269.01	\$ 3,767.99	25.19
2100	FICA	\$ 387.00	\$ 0.00	\$ 0.00	\$ 97.10	\$ 289.90	25.09
31200	SHERIFF	\$ 5,424.00	\$ 0.00	\$ 0.00	\$ 1,366.11	\$ 4,057.89	25.19
810	ARRA BYRNE JUSTICE ASSISTANCE GR	\$ 5,424.00	\$ 0.00	\$ 0.00	\$ 1,366.11	\$ 4,057.89	25.19
100	GENERAL FUND	\$ 8,314,819.00	\$ 3,575,884.31	\$ 581,030.98	\$ 2,042,566.53	\$ 2,696,368.16	67.57

MEMORANDUM

TO: Clarke County Board of Supervisors and School Board

FR: Thomas J. Judge, Director of Joint Administrative Services

DT: October 1, 2012

RE: *Joint Administrative Services Board September Meeting*

Please find the draft minutes from the September JAS Board meeting attached. The Board will continue study of the Joint Technology Plan and Fraud Prevention at their October meeting.

September 24, 2012 Joint Administrative Services Board
 Regular Meeting 1:00 pm

At a regular meeting of the Joint Administrative Services Board held on Monday, September 24, 2012 at 12:00 pm in Meeting Room AB, Berryville Clarke County Joint Government Center, 101 Chalmers Court, 2nd Floor, Berryville, Virginia.

Members Present

Sharon Keeler; Chip Schutte; Michael Murphy; David Ash; David Weiss [Alternate]

Members Absent

J. Michael Hobert

Staff Present

Tom Judge, Lora B. Walburn

Others Present

None

1. Call To Order - Determination of Quorum

David Weiss, Board of Supervisors alternate to the Joint Administrative Services Board, attended the meeting in the absence of J. Michael Hobert.

After determining that a quorum was present, at 1:00 pm, Vice Chair Chip Schutte called the meeting to order.

David Ash, seconded by Mike Murphy, moved to adopt the agenda as presented. The motion carried by the following vote:

David Ash	-	Aye
J. Michael Hobert	-	Absent
Sharon Keeler	-	Aye
Michael Murphy	-	Aye
Charles "Chip" Schutte	-	Aye

2. Approval of Minutes

David Ash, seconded by Sharon Keeler, moved to approve the May 21, 2012 meeting minutes as presented. The motion carried as follows:

David Ash	-	Aye
J. Michael Hobert	-	Absent
Sharon Keeler	-	Aye
Michael Murphy	-	Aye
Charles "Chip" Schutte	-	Aye

3. Update

Tom Judge provided the following update:

- Director evaluation is in process and will be discussed at the October meeting.
- Dependent verification resulted in two plans dropping dependents that were either ineligible, or which the policy holder didn't intend to cover.
- The auditor presented internal control recommendations, the efficacy of which has been challenged by staff, and which will be discussed with the auditor in October.
- Emily Johnson of Boyce will replace Cathy Pope at the Accounts Payable position starting October 1.
- Redefinition of retiree health insurance group to confirm with Local Choice policy resulted in one coverage being dropped.

4. Joint Technology Plan.

The broad view plan developed by the JAS Director and Technology Directors was approved by the School Board and Board of Supervisors in June. An interim draft of a more detailed "Joint Technology Plan" is provided. The goal is to complete this plan by November, for presentation to the boards in December.

Although the plan includes primarily capital expenditures, it is intended to include shared projects which may be funded from the operating budgets: (ex. ongoing training, joint software subscriptions, etc.). The JAS Board should evaluate this draft for further refinement, and make recommendations where needed, especially with regards to timing and priority, because the strongest plan that can be presented to the Boards will be one that will be both technically and financially feasible.

Tom Judge provided an overview. Highlights of Board discussion include:

- Fiber optic network:
 - Currently negotiating lease extension with ComCast.

- Inclusion of Boyce Elementary is part of the negotiations.
- Gordon Russell is exploring the purchase of fiber optic lines.
- Where feasible, the County should consider ownership of fiber/data lines and underground installation.
- Energy Management Systems:
 - Mike Murphy provided:
 - Snyder would like to provide a presentation at the next Schools Facility meeting.
 - His is arranging a meeting with Joe from Snyder.
 - He has discussed with RRMM the lack of compatibility between programs.
 - Cost savings could be realized if maintenance added an HVAC person.
 - Tom Judge put forth that Maintenance was hoping to standardize the County systems.
 - David Ash provided:
 - The BCCGC is wired to accommodate an energy management system.
 - The Court buildings should be able to accommodate remote energy management.
- Telephone Systems Extensions:
 - Extension of the Avaya system should be complete by 2014 in all remaining County locations.
 - Mike Murphy commented that more phone lines would be necessary to meet 911 requirements.
- Building Security Systems:
 - Systems are very expensive.
 - Not all systems require the same level of sophistication.
 - It has not yet been determined how many of the security cameras used in the old high school will be used after conversion. Some of these cameras will be relocated at Johnson Williams Middle School.
- Video Conferencing: This feature might prove useful in future.
- Network Switches: Upgrades were included in the schedule.
- Enterprise Resource Planning and Document Management Systems:
 - Estimate is \$550,000 with a \$50,000 contingency for hardware needs. The estimate was sought to address concerns raised about the cost range used in the GFOA study.
 - A three-year phase in is recommended.
 - Software maintenance is estimated at \$62,000 per year.
 - The Board discussed establishing ERP implementation as a priority.

- David Weiss suggested that Mr. Judge be specific on what the costs will be to the County when presenting the ERP request to the respective bodies.
- Shared Data Storage: Select data is backed up to a facility in California.
- Information Security: Various factors must be considered. At this time, IT does not favor using the "cloud."
- Employee Training: An annual budget is recommended to provide existing and new hire training on system basics.
- Tom Judge stated that he hoped to present the Joint Technology Plan to the respective governing bodies in November for inclusion in the 2014 budget.
- Mike Murphy, noting ever changing and increasing storage needs, requested revising Shared Data Storage:
 - Removing the reference to five years. *"This additional capacity should be adequate for five years, after which it will be necessary to purchase a fourth unit."*
 - Adding reference to email archiving, storage, sorting and retrieval.
- David Ash requested the addition of software replacement to ensure that the costs of software upgrades, maintenance and component replacement is considered.

5. Fraud Prevention Program.

A request by the County Administrator and Superintendent for additional attention to fraud led to the following chain of events:

- a. Discussion with our auditor who stated that their work is focused entirely on whether financial transactions reflect financial statements, and although they could spot check for financial fraud for a cost, this may be too narrow a mechanism.
- b. Auditor provides refinements to internal controls in response to fraud inquiry.
- c. JAS joins Association of Certified Fraud Examiners to research best practices.
- d. "Report to the Nations on Occupational Fraud and Abuse" shared with JAS Board detailing prevalence of fraud by type and technique, and lists the most effective fraud prevention and detection techniques. Anonymous fraud tipline, and efforts to raise employee awareness regarding fraud; emerge as the most practical course of action.
- e. Information Technology Directors opine that both voice and web tiplines would be feasible, but the web would probably better guarantee anonymity.

The following course of action is therefore recommended: *"Be it resolved that internet-based fraud tipline(s) be devised on the websites of Clarke County Government and Schools to permit citizens and employees to anonymously report suspected instances of fraud, waste, and abuse, and be it further resolved that short, intermittent communications be distributed to assist citizens and employees in recognizing fraud, waste, and abuse should it occur, and be it further resolved that the Director of Joint Administrative Services, or designee, monitor the tipline(s) and work with the respective executives of affected organizations to investigate and resolve alleged or suspected instances of fraud, waste, and abuse."*

Tom Judge briefly reviewed his research and recommendation.

Following discussion, the Board directed Tom Judge to further research the matter.

6. Software Application Sharing.

The following software applications have been recently purchased, and can be considered for sharing: Code Red (Sheriff). AESOP (Schools). Veritime (Schools).

Tom Judge summarized this item.

Mike Murphy commented that the company owning both AESOP and Veritime was willing to work with the County. He added that he had discussed use of Veritime for Parks and Recreation part-time, hourly employees with Lisa Cooke, Parks and Recreation Director.

7. Economic Development Fiscal Agency.

The Board of Supervisors recently approved an agreement among the Commonwealth, IDA, Government, Town, and Berryville Graphics to provide government funding for improvements and expansion at Berryville Graphics contingent upon that company achieving specific improvement thresholds including targets for the acquisition of machinery and tools as well as new employment. Responsibility for monitoring Berryville Graphics achievement of these thresholds was assigned to Joint Administrative Services. Though earlier consideration by the JAS Board might have been preferred, the duration of the responsibility will be limited to three years; and though the time burden of fulfilling the responsibility is unknown at this time, it is believed to be modest and capable of fulfillment by staff given that the primary burden for supplying documentation rests with Berryville Graphics.

Tom Judge briefed the Board on the assignment of fiscal agent responsibility for economic development funds for Berryville Graphics to Joint Administrative Services.

8. Next Meeting

The next regularly scheduled meeting is set for Monday, October 29, 2012 at 1:00 p.m. in Meeting Room AB at the Berryville Clarke County Government Center.

Adjournment

At 2:57 pm, **Mike Murphy, seconded by David Ash, moved to adjourn the meeting. The motion carried by the following vote:**

David Ash	-	Aye
J. Michael Hobert	-	Absent

Sharon Keeler - Aye
Michael Murphy - Aye
Charles "Chip" Schutte - Aye

Minutes Recorded and Prepared by: Lora B. Walburn

Clarke County Board of Supervisors

Government Projects Update

Clarke County Board of Supervisors

Miscellaneous Items

Board of Supervisors
Summary of Required Actions Status Report

<i>Meeting/Letter Date</i>	<i>Item</i>	<i>Description</i>	<i>Responsibility</i>	<i>Status</i>	<i>Date Complete</i>
4/17/2012	1451	Provide Supervisor Byrd the number of homeschooled students in County and number counted in ADM.	Dr. Murphy		
5/15/2012	1469	Follow up on whether School option estimates include soft costs.	Jim Brinkmeier		
8/21/2012	1525	Work with Supervisor Byrd on freezer space at Senior Center.	David Ash		
9/18/2012	1530	Amend and process August minutes.	Lora B. Walburn	Complete	9/21/2012
9/18/2012	1531	Forward approved 2012 VACo Conference Voting Credentials for the Annual Business Meeting.	Lora B. Walburn	Complete	9/19/2012
9/18/2012	1532	TA -12-04 Merger of Parcels follow up with Bob Mitchell on surveys.	Brandon Stidham	Complete - 10/16 packet	10/1/2012
9/18/2012	1533	TA -12-04 Merger of Parcels hold set public hearing pending further review by Brandon Stidham.	David Ash	Complete	10/1/2012
9/18/2012	1534	Process Berryville Graphics Documents.	Lora B. Walburn	Complete	9/19/2012
9/18/2012	1535	Execute Berryville Graphics Documents.	J. Michael Hobert	Complete	9/19/2012
9/18/2012	1536	Update database to include Warren / Clarke County Microenterprise Assistance Program Management Team and appointees.	Lora B. Walburn	Complete	9/19/2012
9/18/2012	1537	Execute letters of appointment.	J. Michael Hobert	Complete	9/20/2012

Clarke County Board of Supervisors

Board Member Committee Status Reports

Clarke County Board of Supervisors

Closed Session

§2.2-3711(A29) - Discussion of the award of a public contract involving the expenditure of public funds, including interviews of bidders or offerors, and discussion of the terms or scope of such contract, where discussion in an open session would adversely affect the bargaining position or negotiating strategy of the public body; and

§2.2-3711(A1) Specific Employees or appointees of the Board

Clarke County Board of Supervisors

Adjournment

Clarke County Board of Supervisors

Monthly Reports:

1. Building Department
2. Commissioner of the Revenue
3. Virginia Regional Transport
4. Personnel:
 - Appointments Expiring Through December 2012
 - Clarke County Committee Listing

**COUNTY OF CLARKE
BUILDING PERMIT REPORT
FOR THE MONTH ENDING 9-30-2012**

Page: 1

NEW RESIDENTIAL

SINGLE FAMILY STRUCTURES

Owner/Contractor Location	Description	Est Cost
BRYARLY, LLC/SELF CONTRACTOR 275 BRYARLY LANE 22620	1 1/2 sty DWELLING + ELEC + ME	81,000
	SUBTOTAL:	1 81,000
	TOTAL:	1 81,000

RESIDENTIAL RENOVATIONS

Owner/Contractor Location	Description	Est Cost
EDWARDS, DANIEL W & ASHLEY/KUTAI ENTERPRISES 204 JACKSON DRIVE 22611	FINISH BASEMENT + ELECTRIC	126,000
FORD, GARY D & LINDA M/BRAITHWAITE, CHRIS 890 SALEM CHURCH ROAD 22620	2sty ADDITION + ELEC + PLBG	279,000
	TOTAL:	2 405,000

MISC BUILDING PERMITS

Owner/Contractor	Description	Est Cost
UTTERBACK, DENNIS/OASIS DECKS, LLC	REAR DECK (10'x18' + 4'x4' = 1	3,000
MURPHY, GLENN W & ROBYN C/C S JENNINGS CONSTRUCTION, I	REPLACE REAR DECK (349')	5,000
SULLIVAN, EDWARD L & IRENE/BRAITHWAITE, CHRIS	REAR DECK (12'x24'+12'x5'=348'	5,000
WOODLEY PARK, LC/SELF CONTRACTOR	TENT FOR CALCUTTA & BLUE RIDGE	0
RYAN, KEVIN & ROBERTA/ANTHONY & SYLVAN POOLS CORPO	IN-GRD POOL (16'x32';3'-8' DEP	20,000
HOWELLS, CHRISTOPHER P & AN/SELF CONTRACTOR	INSTALL PELLETT STOVE	0

**COUNTY OF CLARKE
 BUILDING PERMIT REPORT
 FOR THE MONTH ENDING 9-30-2012**

MISC BUILDING PERMITS

Owner/Contractor	Description	Est Cost
BARNSBACK, RICHARD E/SELF CONTRACTOR	REAR DECK (10'x12')	2,000
TAYLOR, BESSIE M GARRISON/SELF CONTRACTOR	REPAIR DAMAGED FOUNDATION WALL	0
MILLER, JOHN U JR/SELF CONTRACTOR	TENT FOR WATERMELON PARK FEST	0
LEWANDOWSKI, CHESTER J/CASTLEMAN CARPENTRY	SCREEN IN EXST DECK (19'x10')	5,000
WARRENTON KENNEL/OLD DOMINI/SELF CONTRACTOR	3 TENTS FOR HUNT COUNTRY CLUST	0
	TOTAL:	11 40,000

Total # of Building Permits Issued: 14
 Total Estimated Cost: 526,000
 Total Revenue Collected: 5,901.48

The following permits are not included in the total # of permits and estimated costs.

Electrical: 20
 Mechanical: 11
 Plumbing: 4

COUNTY OF CLARKE

RECAP BY PROJECT TYPE FOR THE MONTH ENDING: 9-30-2012

Page: 1

<u>Project Description</u>	<u>#</u>	<u>VALUE</u>
ADDITION/REMODEL SINGLE FAMILY	2	405,000
DECK/PORCH	5	20,000
ELECTRIC PERMITS	20	0
FOUNDATION PERMIT	1	0
MECHANICAL PERMITS	11	0
NEW RESIDENCE SINGLE FAMILY	1	81,000
PLUMBING PERMITS	4	0
SWIMMING POOL/SPA	1	20,000
TENTS OVER 900'	3	0
WOODSTOVE/PELLET STOVE	1	0
TOTALS:	49	526,000

RECAP BY DISTRICT FOR THE MONTH ENDING: 9-30-2012

<u>Name</u>	<u>#</u>	<u>VALUE</u>
GREENWAY DISTRICT	13	88,000
CHAPEL DISTRICT	14	299,000
BATTLETOWN DISTRICT	3	0
LONGMARSH DISTRICT	3	5,000
BERRYVILLE DISTRICT	14	131,000
BOYCE DISTRICT	2	3,000
TOTALS:	49	526,000

INSPECTIONS REPORT FOR THE MONTH ENDING: 9-30-2012

<u>Inspection Type</u>	<u>#</u>
Building:	62
Electrical:	54
Mechanical:	19
Plumbing:	20
Fire Protection:	2
TOTALS:	157

DAY	DATE	HOURS IN FIELD	HOURS IN OFFICE	TOTAL HOURS	BLDG INSP	ELEC INSP	GAS INSP	MECH INSP	PLBG INSP	MISC INSP	TOTAL INSP	START MILEAGE	END MILEAGE	TOTAL MILES DRIVEN	FUEL	COMMENTS
Saturday	9/1/2012			0							0			0		
Sunday	9/2/2012			0							0			0		
Monday	9/3/2012			0							0			0		
Tuesday	9/4/2012			0							0			0		
Wednesday	9/5/2012			0							0			0		
Thursday	9/6/2012			0							0			0		
Friday	9/7/2012			0							0			0		
Saturday	9/8/2012			0							0			0		
Sunday	9/9/2012			0							0			0		
Monday	9/10/2012			0							0			0		
Tuesday	9/11/2012			0							0			0		
Wednesday	9/12/2012	4	4.5	8.5	3	8	0	0	0	1	12	111023	111080	57		
Thursday	9/13/2012	5	3.5	8.5	3	6	1	0	0	2	12	111080	111156	76	12.436	
Friday	9/14/2012			0							0			0		
Saturday	9/15/2012			0							0			0		
Sunday	9/16/2012			0							0			0		
Monday	9/17/2012			0							0			0		
Tuesday	9/18/2012			0							0			0		
Wednesday	9/19/2012			0							0			0		
Thursday	9/20/2012			0							0			0		
Friday	9/21/2012			0							0			0		
Saturday	9/22/2012			0							0			0		
Sunday	9/23/2012			0							0			0		
Monday	9/24/2012	8	0.5	8.5	1	1	0	0	0	0	2			0		
Tuesday	9/25/2012	3.5	5	8.5	1	4	0	0	1	1	0	7	111532	111552	20	
Wednesday	9/26/2012			0							0			0		
Thursday	9/27/2012			0							0			0		
Friday	9/28/2012			0							0			0		
Saturday	9/29/2012			0							0			0		
Sunday	9/30/2012			0							0			0		
TOTALS		20.5	13.5	34	8	19	1	1	1	4	0	33		153	12.436	

BUILDING DEPARTMENT
 COUNTY OF CLARKE, VA
 NEW SINGLE FAMILY DWELLINGS
 2012

	Battletown	Berryville	Boyce	Chapel	Greenway	Longmarsh	TOTAL	COMMENTS
January	1	0	0	0	0	0	1	
February	0	0	0	1	0	0	1	
March	1	0	0	1	0	2	4	
April	0	0	0	0	0	0	0	
May	0	1	0	1	1	0	3	
June	1	1	0	0	0	0	2	
July	0	0	0	1	1	0	2	1 in GW is Bam w/ 2nd Fl. Remodeled into Apt.
August	0	0	0	0	0	0	0	
September	0	0	0	0	1	0	1	
October							0	
November							0	
December							0	
TOTAL	3	2	0	4	3	2	14	

DAY	DATE	HOURS IN FIELD	HOURS IN OFFICE	TOTAL HOURS	BLDG INSP	ELEC INSP	GAS INSP	MECH INSP	PLBG INSP	MISC INSP	TOTAL INSP	START MILEAGE	END MILEAGE	TOTAL MILES DRIVEN	FUEL	COMMENTS
Saturday	9/1/2012			0							0					
Sunday	9/2/2012			0							0					
Monday	9/3/2012			0							0					
Tuesday	9/4/2012	4	4	8	1						1	110889	110916	27		
Wednesday	9/5/2012	4	4	8	2	5					7	110889	110916	27		
Thursday	9/6/2012	4	4	8	8	4	3		1	2	10	110916	110985	69		
Friday	9/7/2012	4	4	8	8	3		1	2		6	110985	111023	38		
Saturday	9/8/2012			0							0					
Sunday	9/9/2012			0							0					
Monday	9/10/2012			0							0					
Tuesday	9/11/2012			0							0					
Wednesday	9/12/2012			0							0					
Thursday	9/13/2012			0							0					
Friday	9/14/2012			0							0					
Saturday	9/15/2012			0							0					
Sunday	9/16/2012			0							0					
Monday	9/17/2012	5	3	8	2	5	1	2	5		15	111156	111232	76		
Tuesday	9/18/2012	5	3	8	4	1	3	3	6		17	111232	111308	76		
Wednesday	9/19/2012	4	4	8	3	3	3	1	1		9	111308	111388	80		
Thursday	9/20/2012	4	4	8	6	7					13	111388	111464	76	16	
Friday	9/21/2012	4	4	8	6	2					8	111464	111532	68		
Saturday	9/22/2012			0							0					
Sunday	9/23/2012			0							0					
Monday	9/24/2012			0							0					
Tuesday	9/25/2012			0							0					
Wednesday	9/26/2012			0							0					
Thursday	9/27/2012	5	3	8	10	5	3	3	1		20	111552	111673	121	14.5	
Friday	9/28/2012	4	4	8	4	3			3		10	111673	111709	36		
Saturday	9/29/2012			0							0					
Sunday	9/30/2012			0							0					
TOTALS		47	41	88	88	45	34	8	9	18	2	116		667	30.5	

COUNTY OF CLARKE CIRCUIT COURT
 MONTH END DEEDS OF PARTITION AND CONVEYANCE
 LOCAL TAXATION DEPARTMENT
 COUNTY
 FOR SEPTEMBER, 2012

RECORDED	INSTRUMENT	GRANTOR	(X) GRANTEE/ADDRESS	(X) CONSIDERATION	TYPE	PERCENT
09/04/12	12-1828	MANGUM, CHARLES G RECORDED TIME: 02:30 DESCRIPTION 1: SHEN. RET - BATTLETOWN DIST DATE OF DEED : 06/30/12 BOOK: 551 PAGE: 937 MAP: 17A2-23-21-49 NUMBER PAGES : 0	N MANGUM, JILLIAN JORDAN 2106 HAMILTON RD LOUISA, VA. 23093	N .00	DBS	100%
09/04/12	12-1837	DODSON, KIMBELRY RECORDED TIME: 03:40 DESCRIPTION 1: TOWN OF BERRYVILLE, LOT 8 SEC C DATE OF DEED : 08/31/12 BOOK: 551 PAGE: 948 MAP: 14A2-C-14-8 NUMBER PAGES : 0	N DANKONSAGUL, SUPINYA 220 MOORE DRIVE BERRYVILLE, VA. 22611	N 103,000.00	DBS	100%
09/04/12	3916	JONES, MARIAN F DECEASED RECORDED TIME: 10:22 DESCRIPTION 1: LOT ON RT 7 LONGMARSH DIST DATE OF DEED : 09/04/12 BOOK: 91 PAGE: 465 MAP: 7-A-67 NUMBER PAGES : 0	N/A N/A	.00	PROBATE	00%
09/04/12	12-1820	KIRK, TIMOTHY A; UX RECORDED TIME: 11:05 DESCRIPTION 1: CHAPEL DISTRICT DATE OF DEED : 08/24/12 BOOK: 551 PAGE: 877 MAP: 31-A-14B & C NUMBER PAGES : 0	N SMITH, JOHNNY & TIA N355 RUNNING BEAR LANE BOYCE, VA. 22620	N 500,000.00	DBS	100%
09/04/12	12-1822	WEISMAN, JOHN RECORDED TIME: 11:07 DESCRIPTION 1: BATTLETOWN DISTRICT DATE OF DEED : 08/17/12 BOOK: 551 PAGE: 888 MAP: 34-A-2 NUMBER PAGES : 0	N BRENDL, ROBERT A 175 SKYHORSE LANE BLUEMONT, VA. 20135	N 320,000.00	DBS	100%
09/04/12	12-1824	BATER, KATHRYN C RECORDED TIME: 11:20 DESCRIPTION 1: CHAPEL DISTRICT, PARCEL 3, 10.50 ACRES DATE OF DEED : 09/04/12 BOOK: 551 PAGE: 904 MAP: 23-A-33 NUMBER PAGES : 0	N KATHRYN COLEY BAXTER REVOCABLE N 2573 SPRINGSBURY ROAD BERRYVILLE, VA. 22611	N .00	DBS	100%
09/04/12	12-1825	POSTON, CRAIG & LINDA RECORDED TIME: 12:05 DESCRIPTION 1: LONGMARSH DISTRICT, LOT 3, 2.0 ACRES DATE OF DEED : 08/31/12 BOOK: 551 PAGE: 906 MAP: 8-6-3 NUMBER PAGES : 0	N MARY HOPE WORLEY REVOCABLE TRU N 2232 ALLEN ROAD BERRYVILLE, VA. 22611	N 315,000.00	DBS	100%
09/05/12	12-1842	TURNER, RICHARD A; JR ET AL RECORDED TIME: 09:15 DESCRIPTION 1: CHAPEL DISTRICT, LOT 10A, 5.445 ACRES DATE OF DEED : 08/01/12 BOOK: 551 PAGE: 977 MAP: 22-1-10 NUMBER PAGES : 0	N TURNER, RICHARD A; JR ET AL N 403 MILL LANE BOYCE, VA. 22620	N .00	DG	100%

COUNTY OF CLARKE CIRCUIT COURT
 MONTH END DEEDS OF PARTITION AND CONVEYANCE
 LOCAL TAXATION DEPARTMENT
 COUNTY
 FOR SEPTEMBER, 2012

RECORDED	INSTRUMENT	GRANTOR	(X) GRANTEE/ADDRESS	(X) CONSIDERATION	TYPE	PERCENT
09/05/12	3917	MORGAN, MARK ALAN	N/A N/A	.00	REA	00%
		RECORDED TIME: 09:29				
		DESCRIPTION 1: REAL ESTATE AFDT - LOTS 18,19, WILLEY ADD.	TOWN, BERRYVILLE	D/B 407 PG 938		
		DATE OF DEED : 09/05/12 BOOK: 91 PAGE: 473	MAP: 14-A5-2-18,19	PIN:		
		NUMBER PAGES : 0				
09/06/12	12-1865	SHEEHAN, ALIDA WARD & THOMAS D	N SHEEHAN, THOMAS DOU GLAS & ALI N 1805 WRIGHTS MILL RD BERRYVILLE, VA. 22611	.00	DG	100%
		RECORDED TIME: 02:50				
		DESCRIPTION 1: LOT A - 5.002 ACRES	LONGMARSH DIST			
		DATE OF DEED : 08/30/12 BOOK: 552 PAGE: 57	MAP: 6-A-6	PIN:		
		NUMBER PAGES : 0				
09/06/12	12-1851	BREEDEN, DONALD E; ET AL	N HART, GREGORY & SHARON N 775 WADESVILLE ROAD BERRYVILLE, VA. 22611	100,000.00	DBS	100%
		RECORDED TIME: 09:05				
		DESCRIPTION 1: BATTLETOWN DISTRICT				
		DATE OF DEED : 09/05/12 BOOK: 552 PAGE: 17	MAP: 10-A-04	PIN:		
		NUMBER PAGES : 0				
09/06/12	12-1856	MORAN, NEAL & MARY	N STIMPSON, HARRY F; III N 48 HAWTHORNE LANE BERRYVILLE, VA. 22611	420,000.00	DBS	100%
		RECORDED TIME: 10:15				
		DESCRIPTION 1: BATTLETOWN DISTRICT, LOT 7, 5.223				
		DATE OF DEED : 09/05/12 BOOK: 552 PAGE: 44	MAP: 15-1-7	PIN:		
		NUMBER PAGES : 0				
09/07/12	12-1872	NICHOLAS, MARY ELLEN	N OPEQUON ENTERPRISES LLC N P O BOX 262 BERRYVILLE, VA. 22611	485,000.00	DBS	100%
		RECORDED TIME: 02:51				
		DESCRIPTION 1: 40.1306 ACRES	GREENWAY DIST			
		DATE OF DEED : 09/07/12 BOOK: 552 PAGE: 85	MAP: 20-A-16B	PIN:		
		NUMBER PAGES : 0				
09/07/12	12-1874	HOFFMAN, MICHAEL E & LINDA JAN	N HOFFMAN, MICHAEL E & LINDA JAN N N/A	.00	OPM	100%
		RECORDED TIME: 04:00				
		DESCRIPTION 1: LONGMARSH & CHAPEL DISTRICT				
		DATE OF DEED : 00/00/00 BOOK: 11 PAGE: 15	MAP: 12-A-37D,40C	PIN:		
		NUMBER PAGES : 0				
09/07/12	12-1875	HOFFMAN, MICHAEL E & LINDA JAN	N BROY, WARREN F & MARY W N 10 S BUCKMARSH ST BERRYVILLE, VA. 22611	270,000.00	DBS	100%
		RECORDED TIME: 04:01				
		DESCRIPTION 1: 50 ACRES - CHAPEL DIST	WR/S			
		DATE OF DEED : 09/07/12 BOOK: 552 PAGE: 94	MAP: 12-A-40C	PIN:		
		NUMBER PAGES : 0				
09/11/12	12-1888	BAKER, SANDRA M	N LOKER, REBECCA B N 3 BEL VOI DRIVE BERRYVILLE, VA. 22611	194,000.00	DBS	100%
		RECORDED TIME: 12:15				
		DESCRIPTION 1: TOWN OF BERRYVILLE, LOT 2, BLOCK G SEC 3				
		DATE OF DEED : 09/10/12 BOOK: 552 PAGE: 146	MAP: 14A3-1-G-2	PIN:		
		NUMBER PAGES : 0				

COUNTY OF CLARKE CIRCUIT COURT
 MONTH END DEEDS OF PARTITION AND CONVEYANCE
 LOCAL TAXATION DEPARTMENT
 COUNTY
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RECORDED	INSTRUMENT	GRANTOR	(X) GRANTEE/ADDRESS	(X) CONSIDERATION	TYPE	PERCENT
09/12/12	12-1896	BELCH, CATHERINE S	N SHAW, RYAN 24 BYRD AVE BERRYVILLE, VA. 22611	N 197,500.00	DBS	100%
		RECORDED TIME: 02:26				
		DESCRIPTION 1: LOT 5 ON BYRD AVE - TOWN, BERRYVILLE				
		DATE OF DEED : 09/08/12 BOOK: 552 PAGE: 222 MAP: 14A5-5-5			PIN:	
		NUMBER PAGES : 0				
09/12/12	12-1892	SMETANICK, ANN J ET VIR	N SMETANICK, PATRICK J 1356 PIERCE ROAD BERRYVILLE, VA. 22611	N .00	DQC	100%
		RECORDED TIME: 09:05				
		DESCRIPTION 1: LONGMARSH DISTRICT				
		DATE OF DEED : 08/27/12 BOOK: 552 PAGE: 208 MAP:			PIN:	
		NUMBER PAGES : 0				
09/12/12	3918	RUNYON, CARRIE R	N/A	.00	QUAL	00%
		RECORDED TIME: 11:22	N/A			
		DESCRIPTION 1: 1/2 INTEREST: 371.75 ACRES - CHAPEL VIEW ON RT 657 - CHAPEL DIST				
		DATE OF DEED : 09/12/12 BOOK: 91 PAGE: 475 MAP: 12-A-33			PIN:	
		NUMBER PAGES : 0				
09/13/12	12-1909	PROFESSIONAL FORECLOSURE CORPO	N U.S. BANK NATIONAL ASSOCIATIO N 3415 VISION DR COLUMBUS, OH. 43219	N 321,917.50	DLF	100%
		RECORDED TIME: 01:10				
		DESCRIPTION 1: 40 ACRES	LONGMARSH DIST			
		DATE OF DEED : 08/28/12 BOOK: 552 PAGE: 313 MAP: 4-A-10A			PIN:	
		NUMBER PAGES : 0				
09/13/12	12-1904	HUDSON, JEANNE Y	N WHITNEY, MATTHEW M & CAMERON A N 206 GREENWAY AVE N BOYCE, VA. 22620	N 170,000.00	DBS	100%
		RECORDED TIME: 11:15				
		DESCRIPTION 1: LOT 1 - TOWN OF BOYCE				
		DATE OF DEED : 09/12/12 BOOK: 552 PAGE: 282 MAP: 21A2-4-1			PIN:	
		NUMBER PAGES : 2				
09/13/12	12-1906	LEACH, SAMUEL V	N GARRISON, TRAVIS L 521 S CHURCH ST BERRYVILLE, VA. 22611	N 293,000.00	DBS	100%
		RECORDED TIME: 11:17				
		DESCRIPTION 1: LOT 21, SOVEREIGN GLEN	TOWN OF BERRYVILLE			
		DATE OF DEED : 09/11/12 BOOK: 552 PAGE: 295 MAP: 14A9-1-21			PIN:	
		NUMBER PAGES : 0				
09/13/12	12-1908	DGW41, LLC	N VSW46, LLC	N .00	PM	100%
		RECORDED TIME: 11:45	N/A			
		DESCRIPTION 1: CHAPEL DISTRICT				
		DATE OF DEED : 00/00/00 BOOK: 552 PAGE: 311 MAP: 24-A-3			PIN:	
		NUMBER PAGES : 0				
09/13/12	3919	ROCCATI, ARNOLD J	N/A	.00	PROBATE	00%
		RECORDED TIME: 14:49	N/A			
		DESCRIPTION 1: PROBATE MARYLAND WILL -LOT 52, BL.2A, SEC.1 SHEN.RET-BATTLETOWN DIST D/B 48 PG 354				
		DATE OF DEED : 09/13/12 BOOK: 91 PAGE: 481 MAP: 17-A2-18-52			PIN:	
		NUMBER PAGES : 0				

COUNTY OF CLARKE CIRCUIT COURT
 MONTH END DEEDS OF PARTITION AND CONVEYANCE
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 COUNTY
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RECORDED	INSTRUMENT	GRANTOR	(X) GRANTEE/ADDRESS	(X) CONSIDERATION	TYPE	PERCENT
09/14/12	12-1920	OAKLAND ORCHARD LIMITED PARTNE	N TRANCO FARMS INC 19004 HARMONY CHURCH RD LEESBURG, VA. 20175	N 262,603.66	DBS	100%
			RECORDED TIME: 12:30			
			DESCRIPTION 1: BATTLETOWN DISTRICT, 50.5389 ACRES			
			DATE OF DEED : 09/14/12 BOOK: 552 PAGE: 399 MAP: 9-A-60C	PIN:		
			NUMBER PAGES : 0			
09/17/12	12-1935	LAWSON, SARAH M	N PLASTER, SANDRA L P.O. BOX 98 BOYCE, VA 22620, .	N .00	DG	100%
			RECORDED TIME: 02:40			
			DESCRIPTION 1: GREENWAY DICTROCT LOT # 39			
			DATE OF DEED : 00/00/00 BOOK: 552 PAGE: 452 MAP: 37-A2-3-39	PIN:		
			NUMBER PAGES : 0			
09/17/12	12-1941	MAYER, SCOTT E & SUSAN R	N CRIDER, ADAM B; ET AL 858 BERRYS FERRY ROAD WHITE POST, VA. 22663	N 259,000.00	DBS	100%
			RECORDED TIME: 02:49			
			DESCRIPTION 1: GREENWAY DISTRICT, 0.998 ACRES			
			DATE OF DEED : 09/10/12 BOOK: 552 PAGE: 482 MAP: 28-A-32	PIN:		
			NUMBER PAGES : 0			
09/18/12	12-1946	MACKAY-SMITH, ALEXANDER; JR ET N	MACKAY-SMITH, ALEXANDER; JR ET N 262 MEADOWS LANE WHITE POST, VA. 22663	.00	DG	100%
			RECORDED TIME: 10:53			
			DESCRIPTION 1: GREENWAY DISTRICT, 2 PARCELS 1/2 INTEREST EAACH			
			DATE OF DEED : 01/27/12 BOOK: 552 PAGE: 525 MAP: 36-A-4C	PIN:		
			NUMBER PAGES : 0			
09/19/12	12-1955	MEIER, WILLIAM G.,III KEVIN R	N MURPHY, TRACI R 568 BOOM ROAD BERRYVILLE, VA. 22611	N 202,000.00	DBS	100%
			RECORDED TIME: 02:15			
			DESCRIPTION 1: TOWN OF BERRYVILLE, LOT 2, CONT. 0.88 ACRES			
			DATE OF DEED : 00/00/00 BOOK: 552 PAGE: 578 MAP: 14-A-94	PIN:		
			NUMBER PAGES : 0			
09/19/12	3920	BRAY, SARAH H P	N/A N/A D/B 551 PAGE 674	.00	REA	00%
			RECORDED TIME: 08:26			
			DESCRIPTION 1: 2.3263 ACRES - CHAPEL DISTRICT			
			DATE OF DEED : 09/19/12 BOOK: 91 PAGE: 491 MAP: 22-A-116	PIN:		
			NUMBER PAGES : 0			
09/19/12	12-1948	SPE CO HOLDINGS	N CIVIL WAR PRESERVATION TR 1156 15TH ST NW STE 900 WASHINGTON, DC, . 20005	N 1,000,000.00	DBS	100%
			RECORDED TIME: 09:20			
			DESCRIPTION 1: BATTLETOWN DISTRICT, 192.8893 ACRES MORE OR L ESS			
			DATE OF DEED : 00/00/00 BOOK: 552 PAGE: 552 MAP: 17-A1-A-1B	PIN:		
			NUMBER PAGES : 0			
09/20/12	12-1964	FUSSELL, KENNETT F, JR ET UX	Y FUSSELL FAMILY TRUST 5694 KIRKHAM CT SPRINGFIELD, VA. 22151	Y .00	DBS	100%
			RECORDED TIME: 01:30			
			DESCRIPTION 1: LOT 35 - CHAPEL DIST			
			DATE OF DEED : 09/18/12 BOOK: 552 PAGE: 619 MAP: 31-1-35	PIN:		
			NUMBER PAGES : 0			

COUNTY OF CLARKE CIRCUIT COURT
 MONTH END DEEDS OF PARTITION AND CONVEYANCE
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 COUNTY
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RECORDED	INSTRUMENT	GRANTOR	(X)	GRANTEE/ADDRESS	(X)	CONSIDERATION	TYPE	PERCENT
09/20/12	12-1966	KENNERLY, TIMOTHY ET AL RECORDED TIME: 01:32 DESCRIPTION 1: LOT 33, MEADOW VIEW DATE OF DEED : 09/01/12 BOOK: 552 PAGE: 623 MAP: 21-A5-33 NUMBER PAGES : 0	N	BROOKFIELD RELOCATION INC 16260 N 71ST ST SCOTTSDALE, AR. 85254 TOWN OF BOYCE	N	310,000.00	DBS	100%
09/20/12	12-1967	STEVENS, SEAN & EMILY M RECORDED TIME: 01:50 DESCRIPTION 1: LOT 3 DATE OF DEED : 09/13/12 BOOK: 552 PAGE: 626 MAP: 14A5-9-3 NUMBER PAGES : 0	N	LIBBY, DANA S & MARK K 7 JOSEPHINE ST BERRYVILLE, VA. 22611 TOWN OF BERRYVILLE	N	187,055.00	DBS	100%
09/20/12	12-1972	WISEMAN, THOMAS R, II TR RECORDED TIME: 03:44 DESCRIPTION 1: CHAPEL DIST DATE OF DEED : 00/00/00 BOOK: 11 PAGE: 16 MAP: 30-A-75B NUMBER PAGES : 0	N	WISEMAN REVOCABLE TRUST N/A	N	.00	OPM	100%
09/20/12	12-1973	WISEMAN, THOMAS R II ET AL RECORDED TIME: 03:45 DESCRIPTION 1: 2 ACRES & 30.7614 ACRES DATE OF DEED : 09/20/12 BOOK: 552 PAGE: 643 MAP: 30-A-74 NUMBER PAGES : 0	N	HILL, DONALD L & ANNE L HILLEG 97 TILTHAMMER MILL RD MILLWOOD, VA. 22646 CHAPEL DIST WR/S	N	1,175,000.00	DBS	100%
09/20/12	12-1980	JOHNSON, GILBERT E & JAMES C RECORDED TIME: 04:16 DESCRIPTION 1: LOT 4 - GREENWAY DIST DATE OF DEED : 07/18/12 BOOK: 552 PAGE: 686 MAP: 27A-1-4 NUMBER PAGES : 0	N	JOHNSON, CONSTANCE D ET ALS 2115 OAK AVE NEWPORT NEWS, VA. 23608	N	1,500.00	DBS	100%
09/20/12	12-1962	TRUMBOWER, FRANK SAMUEL JR RECORDED TIME: 11:30 DESCRIPTION 1: 34.389 ACRES DATE OF DEED : 09/20/12 BOOK: 552 PAGE: 607 MAP: 24-A-33 NUMBER PAGES : 0	N	ASHBY, JULIA T ET ALS 930 SENSEY RD BERRYVILLE, VA. 22611 LONGMARSH DIST	N	.00	DG	100%
09/21/12	12-1985	SHENANDOAH RETREAT LAND CORP RECORDED TIME: 02:15 DESCRIPTION 1: BATTLETOWN DISTRICT DATE OF DEED : 09/20/12 BOOK: 552 PAGE: 709 MAP: 17A1-A-1 NUMBER PAGES : 0	N	HAMILTON, DANIEL P & KRISTINE 24 LAUREL LANE BLUEMONT, VA. 20135	N	2,500.00	DBS	100%
09/21/12	3926	JONES, STACEY MICHELLE LAWSON RECORDED TIME: 14:41 DESCRIPTION 1: LOT 26, SHEN. FARMS, RIVER SECTION DATE OF DEED : 09/21/12 BOOK: 91 PAGE: 601 MAP: 37A1-3-26 NUMBER PAGES : 0	N/A	GREENWAY DISTRICT	N/A	.00	REA	00%

COUNTY OF CLARKE CIRCUIT COURT
 MONTH END DEEDS OF PARTITION AND CONVEYANCE
 LOCAL TAXATION DEPARTMENT
 COUNTY
 FOR SEPTEMBER, 2012

RECORDED	INSTRUMENT	GRANTOR	(X)	GRANTEE/ADDRESS	(X)	CONSIDERATION	TYPE	PERCENT
09/24/12	12-1994	WHITE, SAMUEL I P C RECORDED TIME: 01:00 DESCRIPTION 1: CHAPEL DISTRICT DATE OF DEED : 07/30/12 BOOK: 552 NUMBER PAGES : 0	N	SCHLENZ, TIMOTHY & KATHLEEN 5000 PLANO PARKWAY CARROLLTON, TX. 75010 PAGE: 798 MAP: 32A-1-40	Y	157,549.00	DBS	100%
09/24/12	12-1996	BOYCE, DAVID YOST RECORDED TIME: 02:00 DESCRIPTION 1: GREENWAY DISTRICT DATE OF DEED : 00/00/00 BOOK: 11 NUMBER PAGES : 0	N	BOYCE, DAVID YOST N/A PAGE: 17 MAP: 30-A-3,4	N	.00	OPM	100%
09/24/12	12-1997	MCGRATH, ROBERT; JR RECORDED TIME: 03:18 DESCRIPTION 1: CHAPEL DISTRICT, LOT 1 DATE OF DEED : 09/19/12 BOOK: 552 NUMBER PAGES : 0	N	MCGRATH, ROBERT JR & ROBYN R 530 ANNFIELD ROAD BERRYVILLE, VA. 22611 PAGE: 804 MAP: 22-A-18A	N	.00	DG	100%
09/24/12	3927	HOLDAWAY, HILDA M RECORDED TIME: 10:47 DESCRIPTION 1: LOT 16 - 8.261 ACRES DATE OF DEED : 09/24/12 BOOK: 91 NUMBER PAGES : 0	N/A	N/A BATTLETOWN DIST MAP: 24-1-16		.00	REA	00%
09/25/12	12-2016	RENDT, KAREN A RECORDED TIME: 02:55 DESCRIPTION 1: LONGMARSH DISTRICT, LOT 2 DATE OF DEED : 00/00/00 BOOK: 552 NUMBER PAGES : 0	N	WEET, DUANE W & JANICE M 1297 BOTTOM CREEK LANE BENT MOUNTAIN, VA. 24059 PAGE: 878 MAP: 1-A-6	N	161,700.00	DBS	100%
09/25/12	12-2002	PIERCE, MARY JANE RECORDED TIME: 11:00 DESCRIPTION 1: LOT 10, BLOCK A, TREADWELL SUBD DATE OF DEED : 09/17/12 BOOK: 552 NUMBER PAGES : 0	N	BAILEY, JOHN H SR & PAULA K BA 102 BATTLETOWN DR BERRYVILLE, VA. 22611 BATTLETOWN DIST MAP: 14A3-2A-10	N	289,900.00	DBS	100%
09/26/12	12-2017	LOUDOUN PROPANE LLC RECORDED TIME: 10:00 DESCRIPTION 1: BATTLETOWN DISTRICT, LOT 7, 2.7315 ACRES DATE OF DEED : 09/25/12 BOOK: 552 NUMBER PAGES : 0	N	HUNT COUNTRY PROPANE LLC 5 NORTH HAMILTON STREET MIDDLEBURG, VA. 20117 PAGE: 880 MAP: 14-7-7	N	.00	DBS	100%
09/26/12	3928	ECKART, JUNE (DE GONZALEZ DEL RECORDED TIME: 15:11 DESCRIPTION 1: LOT 22, BL 25, SHEN RETREAT DATE OF DEED : 09/26/12 BOOK: 91 NUMBER PAGES : 0	N/A	N/A D/B 64 PG 580 BATTLETOWN DISTRICT MAP: 17-A2-23-2J-22		.00	COPY	00%

COUNTY OF CLARKE CIRCUIT COURT
 MONTH END DEEDS OF PARTITION AND CONVEYANCE
 LOCAL TAXATION DEPARTMENT
 COUNTY
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RECORDED	INSTRUMENT	GRANTOR	(X) GRANTEE/ADDRESS	(X) CONSIDERATION	TYPE	PERCENT
09/26/12	3929	ECKART, BETTY DECEASED	N/A N/A	.00	COPY	00%
		RECORDED TIME: 15:14				
		DESCRIPTION 1: LOT 22 BL 25 SHEN RET	D/B 64 PG 580 BATTLETOWN DIST			
		DATE OF DEED : 09/26/12	BOOK: 91 PAGE: 613 MAP: 17-A2-23-2J-22		PIN:	
		NUMBER PAGES : 15				
09/27/12	12-2045	EDMONDS, KATHLEEN A	N EDMONDS, JAMES & SHARON 751 RUSSELL ROAD BERRYVILLE, VA. 22611	143,487.08	DBS	100%
		RECORDED TIME: 03:39				
		DESCRIPTION 1: LONGMARSH DISTRICT, LOT 2, 2.835 ACRES				
		DATE OF DEED : 09/27/12	BOOK: 553 PAGE: 22 MAP: 7-A-11A		PIN:	
		NUMBER PAGES : 0				
09/27/12	12-2031	WINE, ANITA L	N HOLLAR, LARRY; SUCCESSOR TRUST 1515 PYLETOWN ROAD BOYCE, VA. 22620	160,000.00	DBS	100%
		RECORDED TIME: 10:41				
		DESCRIPTION 1: GREENWAY DISTRICT, LOT B				
		DATE OF DEED : 09/26/12	BOOK: 552 PAGE: 914 MAP: 37A3-A-B		PIN:	
		NUMBER PAGES : 0				
09/27/12	12-2036	RICHARD, CHARLENE L	N REVERON, LOUIS & DAHLIA 320 DUNLAP DRIVE BERRYVILLE, VA. 22611	385,000.00	DBS	100%
		RECORDED TIME: 11:55				
		DESCRIPTION 1: TOWN OF BERRYVILLE, LOT 49, HERMITAGE SEC 2				
		DATE OF DEED : 09/25/12	BOOK: 552 PAGE: 964 MAP: 14A8-2-49		PIN:	
		NUMBER PAGES : 0				
09/28/12	12-2058	CHARTRAND, LOUISE SUC TR OF BO	N JACKSON, KIM S 5126 BEAUEGARD ST ALEX, VA. 22312	240,000.00	DBS	100%
		RECORDED TIME: 01:16				
		DESCRIPTION 1: PARCEL ON RT 723 - TOWN OF BOYCE				
		DATE OF DEED : 00/00/00	BOOK: 553 PAGE: 126 MAP: 21A23		PIN:	
		NUMBER PAGES : 0				
09/28/12	12-2060	JPMORGAN CHASE BANK NATIONAL A	N WAGNER, CODY E 500 LAUREL LN BLUEMONT, VA. 20135	218,500.00	DBS	100%
		RECORDED TIME: 01:18				
		DESCRIPTION 1: LOTS 48,49,50 & 51, BLOCK 1D, UNIT 1 SHEN. RET. BATTLETOWN DIST				
		DATE OF DEED : 09/25/12	BOOK: 553 PAGE: 133 MAP: 17A1-7-48		PIN:	
		NUMBER PAGES : 0				
09/28/12	12-2065	THORNE, JAMES M	Y THORNE, JAMES M TR OF JAMES ME Y CLARKE CO VA, .	.00	DBS	100%
		RECORDED TIME: 04:04				
		DESCRIPTION 1: LONGMARSH DISTRICT				
		DATE OF DEED : 00/00/00	BOOK: 553 PAGE: 158 MAP: 2-A-7B		PIN:	
		NUMBER PAGES : 0				
09/28/12	12-2050	ESTATE OF OUIDA M MILLER	N HILDEBRANDT, KEITH G; ET UX 3893 LORD FAIRFAX HWY BERRYVILLE, VA. 22611	130,000.00	DBS	100%
		RECORDED TIME: 09:56				
		DESCRIPTION 1: BATTLETOWN DISTRICT				
		DATE OF DEED : 09/11/12	BOOK: 553 PAGE: 62 MAP: 14-A-100		PIN:	
		NUMBER PAGES : 0				

COUNTY OF CLARKE CIRCUIT COURT
 MONTH END DEEDS OF PARTITION AND CONVEYANCE
 LOCAL TAXATION DEPARTMENT
 COUNTY
 FOR SEPTEMBER, 2012

RECORDED	INSTRUMENT	GRANTOR	(X) GRANTEE/ADDRESS	(X) CONSIDERATION	TYPE	PERCENT
09/28/12	12-2055	STODDART, WILLIAM B & EDITH J	N ROBERTS, VINCENT D 1484 WESTWOOD RD BERRYVILLE, VA. 22611	N .00	DG	100%
		RECORDED TIME: 10:46				
		DESCRIPTION 1: 0.8869 ACRE - LONGMARSH DISTRICT				
		DATE OF DEED : 09/21/12	BOOK: 553 PAGE: 103 MAP: 13-A-41		PIN:	
		NUMBER PAGES : 0				

***** COUNTY DEEDS OF CORRECTION *****

09/28/12	12-2063	THORNE, JAMES M	N THORNE, JAMES M & DOROTHY DUKE N/A	N .00	COR	100%
		RECORDED TIME: 03:55				
		DESCRIPTION 1: D/B 213 PAGE 268				
		DATE OF DEED : 00/00/00	BOOK: 553 PAGE: 151 MAP: 2-A-7B		PIN:	
		NUMBER PAGES : 0				
09/28/12	12-2064	THORNE, JAMES M	N THORNE, JAMES M N/A	N .00	COR	100%
		RECORDED TIME: 04:00				
		DESCRIPTION 1: D/B 213 PAGE 469				
		DATE OF DEED : 00/00/00	BOOK: 553 PAGE: 155 MAP: 2-A-7B		PIN:	
		NUMBER PAGES : 0				

TOTAL COUNTY DEEDS OF PARTITION AND CONVEYANCE:	52
TOTAL NUMBER OF COUNTY DEEDS OF CORRECTION :	2
TOTAL NUMBER OF COUNTY WILL/FIDUCIARY :	5

Clarke County

lwalburn@clarkecounty.gov

Clarke County September Report

From : Jill Matheson <jill@vatransit.org>

Fri, Oct 05, 2012 02:02 PM

Subject : Clarke County September Report**To :** dash@clarkecounty.gov, lwalburn@clarkecounty.gov**Cc :** Bruce Simms <bruce@vatransit.org>**MONTHLY PASSENGERS****September-12**

Location	Region	Route	TOTAL
CLRK	NW	Demand Response Clark County	100

*Jill Matheson**Operations Administrative Assistant**Virginia Regional Transit**Office : (540) 338-1610**Fax: (703) 777-9370*

Appointments by Expiration Through December 2012

			<i>Appt Date</i>	<i>Exp Date</i>	<i>Orig Appt Date:</i>
<i>October 2012</i>					
Clarke County Industrial Development Authority			4 Yr		
Armbrust	Wayne	Vice Chair	8/19/2008	10/30/2012	2/15/2004
Treasurer 2005 to 2011; Secretary 2006 to 2011					
Appointed by BOS; Oath of Office Required - Clerk of Circuit Court; 7 members, 1 BOS liaison (non-voting) and 6 others that are chosen on their expertise in the business field. Membership governed by IDA by-laws. 15.2-4904 No director shall be an officer or employee of the locality except in towns under 3,500					
Pierce	Rodney		8/19/2008	10/30/2012	10/22/1999
10/30/04; Reappointment 9/21/04					
Appointed by BOS; Oath of Office Required - Clerk of Circuit Court; 7 members, 1 BOS liaison (non-voting) and 6 others that are chosen on their expertise in the business field. Membership governed by IDA by-laws. 15.2-4904 No director shall be an officer or employee of the locality except in towns under 3,500					
<i>December 2012</i>					
Board of Septic & Well Appeals					
Caldwell	Anne	Planning Commission Vice Chair	1/1/2012	12/31/2012	
1 Staff Rep; § 143-11. Appeals & variances. A. Board of Septic & Well Appeals 2. (a) the member of the Board of Supervisors, who serves as the Board's liaison to the Planning Commission, with The Vice Chair of the Board designated as his/her alternate, (b) a Chair of Planning Commission with the Vice Chair designated as his/her alternate, and (c) a member of the public, who is a resident of the county with the Vice Chair of the Planning Commission designated as his/her alternate. All members shall be appointed by the Board of Supervisors at their first regular meeting of each year.					
Ohrstrom, II	George	Planning Commission Chair	1/1/2012	12/31/2012	
1 Staff Rep; § 143-11. Appeals & variances. A. Board of Septic & Well Appeals 2. (a) the member of the Board of Supervisors, who serves as the Board's liaison to the Planning Commission, with The Vice Chair of the Board designated as his/her alternate, (b) a Chair of Planning Commission with the Vice Chair designated as his/her alternate, and (c) a member of the public, who is a resident of the county with the Vice Chair of the Planning Commission designated as his/her alternate. All members shall be appointed by the Board of Supervisors at their first regular meeting of each year.					
Conservation Easement Authority			3 Yr		
Thomas	Walker	Fills unexpired term of Pat McKelvy	1/1/2011	12/31/2012	12/21/2010
Board of Directors 7 members, appointed by the BOS, to be comprised of 1 member from the BOS, 1 member from the PC and 5 Clarke County citizen members. At the first meeting of the BOS each calendar year, beginning the Board shall appoint 1 member from the membership of the BOS for a term of 1 year beginning Jan 1; 1 member from the Planning Commission for a 1 year term beginning May 1; and a member or members to fill expiring citizen member terms, for a term of three (3) years beginning Jan 1. Oath of Office Required.					
Engel	Peter		12/15/2009	12/31/2012	12/15/2009
Board of Directors 7 members, appointed by the BOS, to be comprised of 1 member from the BOS, 1 member from the PC and 5 Clarke County citizen members. At the first meeting of the BOS each calendar year, beginning the Board shall appoint 1 member from the membership of the BOS for a term of 1 year beginning Jan 1; 1 member from the Planning Commission for a 1 year term beginning May 1; and a member or members to fill expiring citizen member terms, for a term of three (3) years beginning Jan 1. Oath of Office Required.					
Northwestern Community Services Board					
Harris	Lucille		12/21/2010	12/31/2012	12/21/2010
Fills unexpired term of Kathleen Ruffo					
2 Clarke County Members; 2 Term Limit [AKA Chapter 10 Board]					

			<i>Appt Date</i>	<i>Exp Date</i>	<i>Orig Appt Date:</i>
Northwestern Regional Juvenile Detention Center Commission			4 Yr		
Wyatt	James		11/18/2008	12/20/2012	10/17/2000

1 Clarke County Member; 4-year term

Parks & Recreation Advisory Board			1 Yr		
Trenary	Randy	School Board Representative	1/5/2012	12/31/2012	1/5/2012

(9) voting members on the Advisory Board. Six (6) members shall be appointed by the BOS to represent the 5 voting districts and 1 at large. The Superintendent of Schools or their designee shall serve on the Advisory Board. The Town Councils for Berryville, Boyce shall each appoint a representative to serve on the Advisory Board. The BOS shall also designate 1 member of the BOS to serve as a non-voting liaison to the Advisory Board. The Advisory Board will accept applications from high-school aged Clarke County residents and each year appoint two (2) to serve as non-voting members.

4 Yr

Heflin	Dennis	White Post Rep	9/16/2008	12/31/2012	9/16/2008
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(9) voting members on the Advisory Board. Six (6) members shall be appointed by the BOS to represent the 5 voting districts and 1 at large. The Superintendent of Schools or their designee shall serve on the Advisory Board. The Town Councils for Berryville, Boyce shall each appoint a representative to serve on the Advisory Board. The BOS shall also designate 1 member of the BOS to serve as a non-voting liaison to the Advisory Board. The Advisory Board will accept applications from high-school aged Clarke County residents and each year appoint two (2) to serve as non-voting members.

Lichliter	Gary	Russell Rep	11/18/2008	12/31/2012	11/18/1997
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(9) voting members on the Advisory Board. Six (6) members shall be appointed by the BOS to represent the 5 voting districts and 1 at large. The Superintendent of Schools or their designee shall serve on the Advisory Board. The Town Councils for Berryville, Boyce shall each appoint a representative to serve on the Advisory Board. The BOS shall also designate 1 member of the BOS to serve as a non-voting liaison to the Advisory Board. The Advisory Board will accept applications from high-school aged Clarke County residents and each year appoint two (2) to serve as non-voting members.

Clarke County Committee Listing

			<i>Appt Date</i>	<i>Exp Date</i>
<i>Barns of Rose Hill Board of Directors</i>				3 Yr
Johnston	Bill		7/17/2012	12/31/2015
<i>Berryville Area Development Authority</i>				3 Yr
Boyles	Jerry	White Post	4/1/2012	3/31/2015
Ohrstrom, II	George	Russell	3/16/2010	3/31/2013
Smart	Kathy	White Post	3/20/2012	3/31/2014
<i>Berryville Area Development Authority Comprehensive Plan Committee</i>				Open-End
Hobert	J. Michael		1/7/2008	
McKay	Beverly		3/20/2012	
<i>Board of Septic & Well Appeals</i>				4 Yr
Blatz	Joseph	Citizen Member	4/17/2012	2/15/2016
Caldwell	Anne	Planning Commission Vice Chair	1/1/2012	12/31/2012
Ohrstrom, II	George	Planning Commission Chair	1/1/2012	12/31/2012
Staelin	John	BOS - Appointed Member	1/17/2012	12/31/2012
Teetor	Alison	Staff Rep		
Weiss	David	BOS - Alternate	1/17/2012	12/31/2012
<i>Board of Social Services</i>				4 Yr
Brown	Dwight	2010 Vice Chair	7/15/2009	7/15/2013
Byrd	Barbara J.	BOS - Appointed Member	1/17/2012	12/31/2012
Overbey	William		7/17/2012	7/15/2016
Pierce	Edwin Ralph		2/21/2012	12/15/2014
Willingham	J. Lyndon		5/18/2010	7/15/2014
<i>Board of Supervisors</i>				4 Yr
Byrd	Barbara J.	Russell	1/1/2012	12/31/2015
Hobert	J. Michael	Chair, Berryville District	1/1/2011	12/31/2015
McKay	Beverly	White Post District	1/1/2012	12/31/2015
Staelin	John	Millwood/Pine Grove	1/1/2012	12/31/2015
Weiss	David	Vice Chair - Buckmarsh/Blue Ridge	1/1/2012	12/31/2015
<i>Board of Supervisors Finance Committee</i>				1 Yr
Byrd	Barbara J.	BOS - Alternate	1/17/2012	12/31/2012
Hobert	J. Michael	BOS - Appointed Member	1/17/2012	12/31/2012
McKay	Beverly	BOS - Alternate	1/17/2012	12/31/2012
Staelin	John	BOS - Appointed Member	1/17/2012	12/31/2012
Weiss	David	BOS - Alternate	1/17/2012	12/31/2012
<i>Board of Supervisors Personnel Committee</i>				1 Yr

Tuesday, October 09, 2012

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			<i>Appt Date</i>	<i>Exp Date</i>
Byrd	Barbara J.	BOS - Appointed Member	1/17/2012	12/31/2012
Hobert	J. Michael	BOS - Appointed Member	1/17/2012	12/31/2012
McKay	Beverly	BOS - Alternate	1/17/2012	12/31/2012
Weiss	David	BOS - Alternate	1/17/2012	12/31/2012
<i>Board of Zoning Appeals</i>				5 Yr
Borel	Alain F.	White Post	1/20/2009	2/15/2014
Caldwell	Anne	Millwood	1/19/2010	2/15/2015
Kackley	Charles	Russell	2/12/2008	2/15/2013
Means	Howard	Millwood	12/14/2009	2/15/2016
Volk	Laurie	Russell	1/20/2009	2/15/2014
<i>Clarke County Historic Preservation Commission</i>				4 Yr
Baker	H.M.	Russell	5/19/2009	5/31/2013
Bieschke	John K.	White Post	4/21/2009	5/31/2013
Carter	Paige	White Post	5/15/2012	5/31/2016
Fields	Betsy	Berryville District	5/15/2012	5/31/2016
Gilpin	Thomas T.	White Post	5/18/2010	5/31/2014
Hiatt	Marty	Buckmarsh/Blue Ridge	6/19/2007	5/31/2015
Nelson	Clifford	Russell/Planning Commission Rep	2/21/2012	4/30/2013
<i>Clarke County Industrial Development Authority</i>				4 Yr
Armbrust	Wayne	Vice Chair	8/19/2008	10/30/2012
Cochran	Mark		10/18/2011	10/30/2013
Frederickson	Allan	Secretary / Treasurer White Post	12/15/2009	10/30/2013
Jones	Paul	Russell District	5/15/2012	10/30/2015
Juday	David	Chair	12/21/2010	10/30/2014
Pierce	Rodney		8/19/2008	10/30/2012
Staelin	John	BOS - Liaison	1/17/2012	12/31/2012
<i>Clarke County Library Advisory Council</i>				4 Yr
Al-Khalili	Adeela		4/19/2011	4/15/2015
Badanes	Joyce		4/20/2010	4/15/2014
Byrd	Barbara J.	BOS - Liaison	1/17/2012	12/31/2012
Curran	Christopher		5/16/2006	4/15/2013
Daisley	Shelley		7/17/2012	4/15/2016
Foster	Nancy		4/17/2012	4/15/2016
Kalbian	Maral		4/19/2011	4/15/2015
Meeks	Robert B.		4/19/2011	4/15/2015
Zinman	Maxine		4/19/2011	4/15/2015
<i>Clarke County Litter Committee</i>				1 Yr
Staelin	John	BOS - Liaison	1/17/2012	12/31/2012

Tuesday, October 09, 2012

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			<i>Appt Date</i>	<i>Exp Date</i>
Teetor	Alison	Staff Rep		
<i>Clarke County Planning Commission</i>				4 Yr
Bouffault	Robina Rich	White Post / Greenway	5/15/2012	4/30/2016
Brumback	Clay	White Post / Greenway	6/15/2010	4/30/2014
Caldwell	Anne	Millwood / Chapel; Vice Chair	4/21/2009	4/30/2013
Kreider	Scott	Buckmarsh / Battletown	5/15/2012	4/30/2016
McFillen	Thomas	Berryville / Berryville	5/1/2010	4/30/2014
Nelson	Clifford	Russell / Longmarsh	3/17/2009	4/30/2013
Ohrstrom, II	George	Russell / Longmarsh; Chair	4/19/2011	4/30/2015
Staelin	John	BOS - Appointed Member	1/17/2012	12/31/2012
Steinmetz, II	William	Berryville / Berryville	5/15/2012	4/30/2016
Thuss	Richard	Buckmarsh / Battletown	4/20/2010	4/30/2014
Turkel	Jon	Millwood / Chapel	9/15/2011	4/30/2015
<i>Clarke County Sanitary Authority</i>				4 Yr
Dunning, Jr.	A.R.	White Post District Member	12/15/2009	1/5/2014
Jones	Harry C.	Secretary/Treasurer	7/17/2012	6/30/2016
Legge	Michael	Staff Representative		
Mackay-Smith, Jr.	Alexander	Vice Chair	12/15/2009	1/5/2013
Myer	Joe	Town of Boyce	2/21/2012	1/5/2016
Staelin	John	BOS - Alternate	1/17/2012	12/31/2012
Williams	Ian R.	Chair	11/18/2008	1/5/2013
<i>Conservation Easement Authority</i>				3 Yr
Buckley	Randy	White Post	1/1/2011	12/31/2013
Engel	Peter		12/15/2009	12/31/2012
Mackay-Smith	Wingate E.	Chair	1/1/2011	12/31/2013
Ohrstrom, II	George	Planning Commission Rep	4/20/2010	4/30/2013
Teetor	Alison	Clerk - Staff Representative		
Thomas	Walker	Fills unexpired term of Pat McKelvy	1/1/2011	12/31/2012
Wallace	Laure		10/18/2011	12/31/2013
Weiss	David	BOS - Appointed Member	1/17/2012	12/31/2012
<i>Constitutional Officer</i>				
Butts	Helen	Clerk of the Circuit Court	1/1/2008	12/31/2015
Keeler	Sharon	Treasurer	1/1/2012	12/31/2015
Mackall	Suzanne	Commonwealth Attorney	1/1/2012	12/31/2015
Peake	Donna	Commissioner of the Revenue	1/1/2012	12/31/2015
Roper	Anthony	Sheriff	1/1/2012	12/31/2015
<i>County Administrator</i>				
Ash	David L.	County Administrator	3/19/1991	

			<i>Appt Date</i>	<i>Exp Date</i>
<i>Economic Development Advisory Committee</i>				4 Yr
Barb	Jim	Real Estate Rep, Business Owner	11/17/2009	12/31/2013
Conrad	Bryan H.	Agriculture, Fire & Rescue	1/1/2011	12/31/2014
Dunkle	Christy	Town of Berryville Rep	2/21/2012	12/31/2015
Hillerson	Jay	Business Owner	9/15/2009	12/31/2013
Milleson	John R.		8/16/2011	12/31/2014
Myer	Dr. Eric	Agriculture Rep, Business Owner	1/1/2011	12/31/2014
Pritchard	Elizabeth	Hospitality Industry	7/17/2012	8/31/2016
Staelin	John	BOS - Appointed Member	1/17/2012	12/31/2012
<i>Handley Regional Library Board</i>				4 Yr
Myer	Tamara	Town of Boyce	9/15/2009	11/30/2013
<i>Joint Administrative Services Board</i>				Open-End
Ash	David L.	County Administrator		
Hobert	J. Michael	BOS - Appointed Member	1/17/2012	12/31/2012
Judge	Tom	Staff Representative		
Keeler	Sharon	Treasurer		
Murphy	Michael	School Superintendent		
Schutte	Charles	School Board Representative	1/8/2012	12/31/2012
Weiss	David	BOS - Alternate	1/17/2012	12/31/2012
<i>Joint Building Committee of the Joint Government Center</i>				Open-End
Ash	David L.	County Administrator		
Dalton	Keith	Berryville Town Manager		
Kitselman	Allen	Berryville Town Council Representative		
Weiss	David	Board of Supervisors Representative	1/17/2012	12/31/2012
<i>Legislative Liaison and High Growth Coalition</i>				1 Yr
Hobert	J. Michael	BOS - Liaison	1/17/2012	12/31/2012
<i>Lord Fairfax Community College Board</i>				4 Yr
Daniel	William		7/1/2012	6/30/2016
<i>Lord Fairfax Emergency Medical Services Council</i>				3 Yr
Burns	Jason	Career Representative	7/17/2012	6/30/2015
Coffelt	Lee	Career Representative	9/27/2011	6/30/2014
Wagaman	Julie	Medical Professional	6/30/2010	6/30/2013
<i>Northern Shenandoah Valley Regional Commission</i>				1 Yr
McKay	Beverly	BOS - Appointed Member	1/17/2012	12/31/2012
Staelin	John	BOS - Alternate	1/17/2012	12/31/2012
Stidham	Brandon	Staff Representative	6/19/2012	1/31/2013
<i>Northwestern Community Services Board</i>				3 Yr

			<i>Appt Date</i>	<i>Exp Date</i>
Harris	Lucille		12/21/2010	12/31/2012
Stieg, Jr.	Robert		3/20/2012	12/31/2014
<i>Northwestern Regional Jail Authority</i>				1 Yr
Ash	David L.	BOS - Appointed Member	1/17/2012	12/31/2012
Byrd	Barbara J.	BOS - Liaison Alternate	1/17/2012	12/31/2012
Roper	Anthony	Sheriff	1/1/2012	12/31/2015
Wyatt	James		1/17/2012	12/31/2015
<i>Northwestern Regional Juvenile Detention Center Commission</i>				1 Yr
Byrd	Barbara J.	BOS - Liaison	1/17/2012	12/31/2012
Wyatt	James		11/18/2008	12/20/2012
<i>Old Dominion Alcohol Safety Action Policy Board & Division of Court Services</i>				3 Yr
Johnson	Jerry L.		1/18/2011	12/31/2013
<i>Old Dominion Community Criminal Justice Board</i>				3 Yr
Johnson	Jerry L.		1/18/2011	12/31/2013
<i>Our Health</i>				3 Yr
Shipe	Diane		3/15/2010	3/15/2013
<i>Parks & Recreation Advisory Board</i>				4 Yr
Heflin	Dennis	White Post Rep	9/16/2008	12/31/2012
Hobert	J. Michael	BOS - Liaison	1/17/2012	12/31/2012
Huff	Ronnie	Town of Berryville Rep	1/1/2012	12/31/2015
Jones	Paul	At-Large	1/1/2011	12/31/2014
Lichliter	Gary	Russell Rep	11/18/2008	12/31/2012
McCall	Michael A.	School Board Rep		12/31/2004
Rhodes	Emily	Buckmarsh	2/21/2012	12/31/2015
Sheetz	Daniel A.	Berryville	5/18/2010	12/31/2013
Trenary	Randy	School Board Representative	1/5/2012	12/31/2012
Wisecarver	Steve	Appointed by Town of Boyce	2/2/2010	12/31/2013
<i>People Inc. of Virginia</i>				3 Yr
Hillerson	Coleen	Clarke County Rep Board of Directors	8/17/2010	7/31/2013
<i>Regional Airport Authority</i>				1 Yr
Ash	David L.	BOS - Alternate	1/17/2012	12/31/2012
Crawford	John		7/17/2012	6/30/2016
Weiss	David	BOS - Liaison	1/17/2012	12/31/2012
<i>Shenandoah Area Agency on Aging, Inc.</i>				4 Yr
Edwards, Jr.	James N.		9/1/2012	9/30/2016
Hudson	John		8/17/2010	9/30/2014

Tuesday, October 09, 2012

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Shenandoah Valley Chief Local Elected Officials Consortium

Ash David L. BOS Designee for Chief Elected Official

4 Yr

The 150th Committee

Al-Khalili	Adeela	Clarke County African-American Cultural Center / Josephine Community Museum	1/18/2011	12/31/2015
Davis	Dorothy	Clarke County African-American Cultural Center / Josephine Community Museum	1/18/2011	12/31/2015
Heder	Terence	Shenandoah Valley Battlefields Foundation	1/18/2011	12/31/2015
Kalbian	Maral	Community Representative	1/18/2011	12/31/2015
Lee	Jennifer	Clarke County Historic Museum Representative	1/18/2011	12/31/2015
Means	Howard	CCHA Representative	1/18/2011	12/31/2015
Morris	Mary	Clarke County Historic Museum Representative	1/18/2011	12/31/2015
Murphy	Michael	CCPS Representative	1/18/2011	12/31/2015
Russell	Jesse	Staff Representative Economic Development	1/18/2011	12/31/2015
Sours, Jr.	John	Community Representative	1/18/2011	12/31/2015
Stieg, Jr.	Robert		1/18/2011	12/31/2015
Weiss	David	BOS - Appointed Member	2/15/2011	12/31/2015

Warren-Clarke County Microenterprise Assistance Program Management Team

2 Yr

Blakeslee	Steve	County Representative	9/18/2012
Dunkle	Christy	Town of Berryville Representative	9/18/2012
Greene	Laurel	Town of Boyce Representative	9/18/2012
Hobbs	Robert	County Representative	9/18/2012
Hoffman	Michael	County Representative	9/18/2012
McIntosh	Charles	County Representative	9/18/2012
Myer	Dr. Eric	Designated Alternate	9/18/2012
Stidham	Brandon	County Representative	9/18/2012