



Clarke County Board of Supervisors Regular Meeting Agenda

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

Item

September 27, 2011

Packet
Page

Afternoon Session 1:00 PM

- | | |
|---|------|
| 1) Call To Order | 4 |
| 2) Adoption Of Agenda | 5 |
| 3) PH 11-11 Consider adoption of the Regional Water Supply Plan and Ordinance Implementing the Drought Response and Contingency Plan to comply with the State Water Control Board regulation 9 VAC 25-780, Local and Regional Water Supply Planning. This regional water supply plan facilitates comprehensive assessment of existing water sources and uses, estimation of projected water demand in the Northern Shenandoah Valley to 2040, and a determination of water surpluses and or deficits to meet the projected water demands; and Consider amendment of ARTICLE X. Water Conservation / Drought Response to reference the Regional Drought Response and Contingency Plan rather than the local Drought Plan CC-11-04. | 6 |
| 4) Chesapeake Bay TMDL Local Responsibility Update by Alison Teetor | 143 |
| 5) Clarke County School Board Update | 144 |
| 6) Approval of Minutes | |
| – August 16, 2011 Regular Meeting | 145 |
| – Verification of July 14, 2011 Closed Session Supervisor Dunning | 165 |
| 7) Consent Agenda | 167 |
| A. VACo 2011 Annual Meeting Voting Credentials | 168 |
| 8) Citizen's Comment Period | 171 |
| 9) VDOT | |
| – Regular Update | 172 |
| 10) Board of Supervisors Personnel | 174 |
| 1. Expiration of Term for appointments expiring through November 2011. Recommended Action: Approve Committee recommendations: Reappoint Lee Coffelt to a 3-year term on the Lord Fairfax Emergency Medical Services Council and adjust the expiration date of the term to 6/30/2014 so as to make the term coincide with the expiration dates of other members. | 177 |
| 2. Appointee Information Feedback Update. Information Only – no Board action required. | 185 |
| 3. Closed Session. Action: The Personnel Committee recommended the matters discussed in Closed Session under 2.2-3711-A4 Privacy of individuals in personal matters be brought to the attention of the full Board in a Closed Session at their regular Board meeting. See Agenda Item 16. | 176, |

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

Page 1 of 3

9/22/2011 11:33 AM



Clarke County Board of Supervisors Regular Meeting Agenda

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

Item	September 27, 2011	Packet Page
11) Board of Supervisors Work Session		197
1. Closed Session. Action: Information only - no action required.		197
2. 2012 Legislative Priorities and Positions. Action: Further Board discussion at the regular meeting and discussion of possible dates for the 2012 Legislative Luncheon.		203
3. Berryville Clarke County Government Center HVAC Repair Status Update. Information only – no action requested at this time.		198
4. Active Living Center [aka Senior Center] Status Update. Information only – no action requested at this time.		199
5. Shenandoah Area Agency on Aging Status Update. Information only – no action requested at this time.		199
6. TA-11-02 Amendment of the County Zoning Ordinance. Recommended Action: Set Public Hearing for Tuesday, October 18, 2011 at 6:30 pm or as soon thereafter as the matter may be heard as proposed.		211
7. TA-11-03 Amendment of the County Zoning Ordinance. Recommended Action: Set Public Hearing for Tuesday, October 18, 2011 at 6:30 pm or as soon thereafter as the matter may be heard as proposed.		214
8. TA-11-05 Amendment of the County Zoning Ordinance. Recommended Action: Set Public Hearing for Tuesday, October 18, 2011 at 6:30 pm or as soon thereafter as the matter may be heard as revised.		221
9. TA-11-06 Amendment of the County Zoning Ordinance. Recommended Action: Set Public Hearing for Tuesday, October 18, 2011 at 6:30 pm or as soon thereafter as the matter may be heard as proposed.		226
10. TA-11-07 Amendment of the County Zoning Ordinance. Recommended Action: Set Public Hearing for Tuesday, October 18, 2011 at 6:30 pm or as soon thereafter as the matter may be heard as proposed.		230
11. Board of Supervisors Finance		233
1. Supplemental Appropriations. The following action is recommended: "Be it resolved that FY 12 budgeted expenditures and appropriations for the V-Stop Grant in the General Fund be increased \$2,250, and revenue from the Federal Government recognized in/he same amount, to adjust for a change in the approved grant." Recommended Action: Approve Finance Committee recommendation to accept.		233
2. Acceptance of August 2011 Bills and Claims. Recommended Action: The Finance Committee recommends acceptance.		233

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

Page 2 of 3

9/22/2011 11:33 AM



Clarke County Board of Supervisors Regular Meeting Agenda

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

Item	September 27, 2011	Packet Page
3. Standing Reports: Reconciliation of Appropriations (FY2011). General Fund Balance (FY2011). General Fund Expenditure Summary (August FY2012 to be distributed under separate cover) Information Only – no Board action required.		234
12. Government Projects Update		236
13. Miscellaneous		237
14. Summary Of Required Action		238
15. Board Member Committee Status Reports		239
16. Closed Session – 2.2-3711-A4 Privacy of individuals in personal matters.		240
17. Adjournment		241

No Evening Session

Reports in September Packet:

1. Building Department	242
2. Commissioner of the Revenue	250
3. Cooperative Extension – 4-H	256
4. Virginia Transit Report	260

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

Page 3 of 3

9/22/2011 11:33 AM

Clarke County Board of Supervisors

Call To Order

Clarke County Board of Supervisors

Adoption of Agenda

Chapter 180 Water and Wastewater Article X. Drought Response

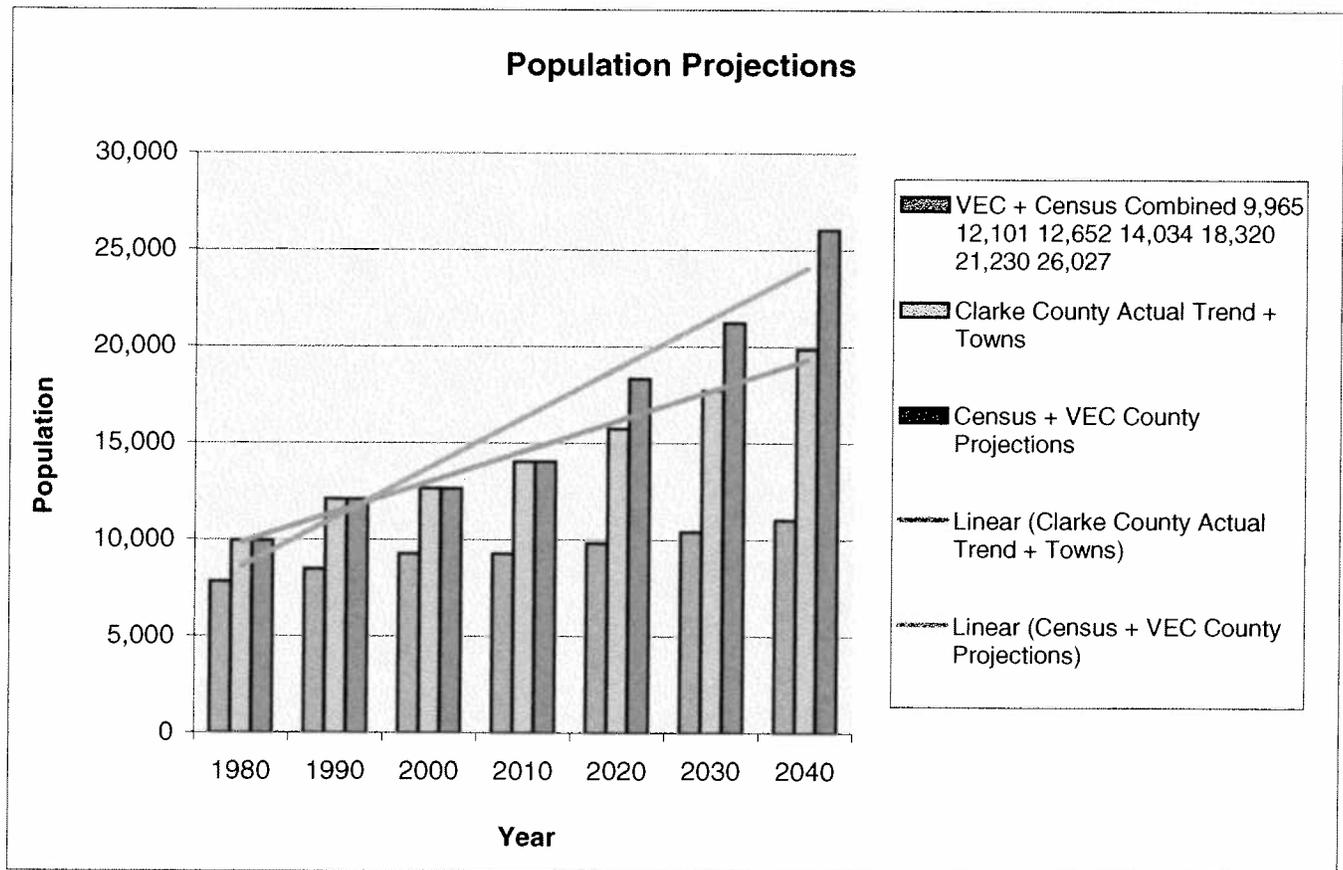
Set Public Hearing: August 16, 2011 PH 11-11
Publication Dates: Aug 30, Sept 6 Media: Winc Star; Website
Public Hearing: Sept 27, 2011 Code Update: _____
Approved/Denied on a motion by: _____

ARTICLE X. Water Conservation / Drought Response

- 180-34.53. Purpose The purpose of this Article is to provide for the voluntary and mandatory restriction on the nonessential use of ground water during declared water shortages or water emergencies.
- 180-34.54. Scope This Article shall apply to all Clarke County residents and businesses which are served by well water. This Article shall not apply to those residents and businesses which are supplied by a public water supply system by the Town of Berryville or the Clarke County Sanitary Authority.
- 180-34.55. Drought Response Plan The Board of Supervisors (Board) shall adopt by resolution the **Regional Drought Response and Contingency Plan as stated in the Regional Water Supply Plan** ~~Drought Response Plan~~.
- 180-34.56. Drought Indicators The indicators used to indicate drought severity shall be precipitation, streamflow, and groundwater levels. When at least two indicators exceed the threshold for drought stage determination, as set forth in **Regional Drought Response and Contingency Plan as stated in the Regional Water Supply Plan, Appendix I of the Clarke County Drought Response Plan**, the Board may declare a specific drought stage.
- 180-34.57. Drought Stages The drought stages shall be Drought Watch, Drought Warning, and Drought Emergency, as determined by the Board pursuant to the **Regional Drought Response and Contingency Plan as stated in the Regional Water Supply Plan** ~~Drought Response Plan~~.
- 180-34.58. Declaration Upon the Board finding that a drought stage exists, the Board may issue a declaration of a drought stage. The County Administrator, upon the declaration of a drought stage by the Commonwealth of Virginia, may issue a declaration of a drought stage to be in effect until the next regular Board meeting.

- 180-34.59. Drought Stage Response Upon declaration by the Board or the County Administrator of a Drought Watch or Drought Warning, voluntary conservation measures will be requested of residents and businesses as set forth in the **Regional Drought Response and Contingency Plan as stated in the Regional Water Supply Plan** ~~Drought Response Plan~~. Upon declaration of a Drought Emergency, mandatory restrictions shall apply as set forth in the **Regional Drought Response and Contingency Plan as stated in the Regional Water Supply Plan** ~~Drought Response Plan~~.
- 180-34.60. Waiver of Restrictions Upon prior written request by an individual, business, or other water user, the Board of Supervisors, or its designee, may permit less than full compliance with any drought restrictions if good cause can be shown, including evidence that the applicant is affected in a substantial manner not common to other businesses or persons generally. No waiver shall be granted by the Board or its designee unless the Board or its designee determines that the public health, safety, and welfare will not be adversely affected by the waiver. All waivers granted by the Board or its designee shall be reported at the Board's next regular or special meeting.
- 180-34.61. Penalties. Any person who shall violate any of the provisions of this Article shall, upon conviction thereof, be fined not less than one hundred dollars (\$100.00), nor more than five hundred dollars (\$500.00). Each act or each day's continuation of the violation shall be considered a separate offense.

YEAR	Clarke County Rural (Non-Town)		Clarke County Actual Trend + Towns		VEC + Census Combined
	Population	% Change	Population	% Change	Population
1980	7,812	26.92	9,965	21.40	9,965
1990	8,484	8.60	12,101	4.50	12,101
2000	9,263	9.18	12,652	10.90	12,652
2010	9,260	-0.03	14,034	12.27	14,034
2020	9,816	6.00	15,760	12.27	18,320
2030	10,405	6.00	17,699	12.27	21,230
2040	11,029	6.00	19,876	12.27	26,027



Northern Shenandoah Regional Water Supply Plan

8/24/2011

The Regional Water Supply Plan was prepared by the Northern Shenandoah Valley Regional Commission and Technical Advisory Committee members from the twenty jurisdictions participating in this Plan to meet the mandate set forth in 9 VAC 25 780. The contents of this Plan should be considered preliminary until each jurisdiction has had the opportunity to review, approve, and adopt their portion of this Regional Water Supply Plan. This Plan is available for public comment prior to, and during the hearings scheduled by each participating jurisdiction. The Final Regional Water Supply Plan adopted by each participating locality will be submitted by November 2, 2011 to the Virginia Department of Environmental Quality and the State Water Control Board, with a written copy of all public comments and responses to those comments.

Table of Contents

Executive Summary: Regional Water Supply Plan
Statement of Need Section-----1

1.0 Introduction-----8

2.0 Existing Water Supply-----9

 2.1 Existing Water Sources-----9

 2.1.1 Clarke County-----9

 2.1.2 Town of Berryville-----10

 2.1.3 Town of Boyce-----10

 2.1.4 Frederick County-----10

 2.1.5 Town of Middletown-----10

 2.1.6 Town of Stephens City-----11

 2.1.7 Page County-----11

 2.1.8 Town of Luray-----11

 2.1.9 Town of Shenandoah-----11

 2.1.10 Town of Stanley-----12

 2.1.11 Shenandoah County-----12

 2.1.12 Town of Edinburg-----12

 2.1.13 Town of Mt. Jackson-----12

 2.1.14 Town of New Market-----13

 2.1.15 Town of Strasburg-----13

 2.1.16 Town of Toms Brook-----13

 2.1.17 Town of Woodstock-----13

 2.1.18 Warren County-----13

 2.1.19 Town of Front Royal-----14

 2.1.20 City of Winchester-----14

2.2. Amount of Water Available to be
Purchased from Outside each Jurisdiction-----14

2.3 Estimate of Agricultural Users of More
Than 300,000 Gallons per Month-----15

 2.3.1 Clarke County-----15

 2.3.2 Frederick County-----15

 2.3.3 Page County-----15

 2.3.4 Shenandoah County-----15

 2.3.5 Warren County-----16

2.4 Residences and Businesses that are Self-Supplied

and Individual Wells Withdrawing Less than 300,000
Gallons per Month-----17

2.5 Wellhead Protection Ordinance / Source water Protection Programs-----18

3.0 Existing Water Use Information-----19

 3.1 Community Water Systems Use-----20

 3.2. Clarke County-----20

 3.3 Town of Berryville-----21

 3.4 Town of Boyce-----21

 3.5 Frederick County-----21

 3.6 Town of Middletown-----22

 3.7 Town of Stephens City-----22

 3.8 Page County-----22

 3.9 Town of Luray-----22

 3.10 Town of Shenandoah-----23

3.11 Town of Stanley-----23

3.12 Shenandoah County-----23

3.13 Town of Edinburg-----24

3.14 Town of Mount Jackson-----24

3.15 Town of New Market-----24

3.16 Town of Strasburg-----24

3.17 Town of Toms Brook-----24

3.18 Town of Woodstock-----24

3.19 Warren County-----25

3.20 Town of Front Royal-----25

3.21 City of Winchester-----25

3.22 Estimate of Water Used by Self-Supplied

Nonagricultural Users of More than 300,000 Gallons-----25

3.23 Estimate of Water Used by Self-Supplied Agricultural Users of More than 300,000

Gallons per Month of Surface and Groundwater Outside the Service Areas of the

Community Water System-----26

3.24 Estimate of Water Used by Self-Supplied Agricultural Users of More than 300,000

Gallons per Month of Surface and Groundwater Inside the Service Areas of the

Community Water System-----26

3.25 Estimate of Water Used by Self-Supplied Agricultural Users of More than 300,000

Gallons per Month of Surface and Groundwater Outside the Service Areas of
the Community Water System-----26

3.26 Estimate of Water Used by Self-Supplied Users of Less than 300,000 Gallons per

Month of Surface and Groundwater Inside the Service Areas of the Community
Water System-----26

4.0 Existing Resource Information-----29

4.1 General Environmental Setting-----29

4.1.1 Detailed Resource Characteristics-----31

4.2 State or Federal Listed Threatened
or Endangered Species or Habitats of Concern-----32

4.3 Anadromous Fish, Trout, and Other Significant Fisheries-----32

4.4 State Scenic River segments and Significant Recreational Rivers-----33

4.5 Wetland-----35

4.6 Riparian Buffers and Conservation Easements-----35

4.7 Land Use and Land Cover-----36

4.8 Impaired Streams-----39

4.9 Point Source Discharges-----50

4.10 Potential Threats to Water Quantity and Quality-----50

5.0 Projected Water Demand-----53

5.1 Population Data-----53

5.2 Projected Water Demand-----55

6.0 Water Demand Management-----89

 6.1 Water Use Efficiency-----90

 6.2 Water Conservation-----90

 6.3 Water Loss Reduction-----91

 6.4 Summary-----91

 6.5 Practices to Address Water Loss-----91

7.0 Drought Response and Contingency Plans-----93

 Addenda to Chapter 7: Water supply systems-----110

8.0 Statement of Need-----111

9.0 Alternative Analysis-----115

 Appendices-----118

Executive Summary:

Northern Shenandoah Regional Water Supply Plan:

This summary provides an overview of the following sections of the Plan:

- History and Purpose of the Plan
- Current Water Sources and Use
- Estimated Future Water Demand
- Drought Ordinance and Response Plan
- Statement of Water Need by 2040

History and Purpose:

The purpose of the regional water supply plan is to comply with the State Water Control Board regulation 9 VAC 25-780, Local and Regional Water Supply Planning. This regional water supply plan is designed to facilitate comprehensive assessment of existing water sources and uses, estimation of projected water demand in the Northern Shenandoah Valley to 2040, and a determination of water surpluses and or deficits to meet the projected water demands. The data contained in the attendant spreadsheets (found on NSVRC website) and in this Plan serve the following functions: meet the mandated requirements of a locality or region; provide documentation and estimates of all reportable water sources and uses within a jurisdiction for a statewide database; raise the awareness of the ability of a locality’s existing water uses to meet the projected demand by 2040; aid information for future discussions across jurisdictions for

potential future interconnected water sharing; and form one part of the Virginia Water Resources Plan to ensure an adequate supply for all users balanced with ecosystem needs.

To prepare the data for this Plan, a technical advisory committee (TAC) was assembled comprised of the twenty jurisdictions located within the Northern Shenandoah Valley planning region. Participating jurisdictions assigned members to the TAC representing the City of Winchester; five counties of Clarke, Frederick, Page, Shenandoah, and Warren; and the fourteen towns of Berryville, Boyce, Edinburg, Front Royal, Luray, Middletown, Mount Jackson, New Market, Shenandoah (town), Stanley, Stephens City, Strasburg, Toms Brook, and Woodstock. The twenty jurisdictions participating in the regional Plan signed a resolution before November 2008 for the Northern Shenandoah Valley Regional Commission to prepare the water supply plan on their behalf and submit it to the Virginia Department of Environmental Quality (DEQ) on or before November 2, 2011, per the regulation. The Northern Shenandoah Valley Regional Commission prepared this regional water supply plan with the involvement of all TAC members.

Current Water Source / Use:

Existing public and private community water supply systems were detailed for each locality. In addition homes and businesses served by groundwater wells were noted. These wells vary in quantity throughout the year.

In addition, agricultural water use was documented from users that report over 300,000 gallons per month. Agricultural water use by livestock was estimated based on the 2007 Census of Agriculture data for each county in the planning region. Estimates for livestock were calculated based on number and type of animal with a water demand based on animal type. The data from the 2007 Census of Agriculture also provided County lands in crops by acreage. This data was presented; however, is not included in water demand because the quantity of water to irrigate crops is climate dependent. In general, most agriculture in the counties of the region use surface water stream intakes for irrigation with gas-run pumps to withdraw the water. No water usage estimate was calculated for the croplands and vineyards because the use of water on crops varies with annual precipitation. Nonagricultural self-supplied users were also documented in this Plan.

Estimated Water Demand:

Residential water demand was based on future population projections for 2010, 2020, 2030, and 2040. The public community water systems were compared to the future estimated population and attendant water need. The private water supply systems were estimated to remain the same throughout the timeline to 2040 (the number serviced by a trailer park or subdivision would remain static). Future estimates of users on community water systems for commercial, industrial, water sales, and unaccounted for losses were calculated based on 2008 data, locality comprehensive plans, and patterns in an area. Self-Supplied nonagricultural and agricultural users were also included in the future water use. Most of these were considered to remain the same in 2008 as they will be in 2040 (some may close, others open with the net number of self-supplied users remaining the same). These often included golf clubs, campgrounds, and other facilities. The number of people not serviced by public or private community

water systems were those estimated to be on groundwater individual wells. Estimates of the future water users not serviced with residential community water supply were determined by the projected population not within a water distribution system in the future years.

Drought Response and Contingency Plan

State regulations stipulate a minimum of three drought stages be included in the Water Supply Drought Response Sections. The Northern Shenandoah Valley Regional Water Supply Plan's Drought Response Section includes these three graduated stages of a drought:

Drought Stage	Description	Action
Watch	Drought potential if conditions persist	Increase water conservation awareness; voluntary actions by citizens
Warning	Onset of drought is imminent	Water conservation awareness; precautionary measures voluntary but encouraged by localities
Emergency	Significant drought or low water event	Mandatory responses for water conservation by localities and public

Jurisdictions will have varied declarations of a drought in part due to water sources, water demands, upstream water withdrawals, groundwater's delayed response to reflect low precipitation, equipment failure, and local variations in meteorology and soil moisture.

Local ordinances adopted by the localities within this planning region will be appended to the Water Supply Plan. The ordinances document jurisdictional commitment to water conservation implementation and enforcement of the Drought Response Section.

Local Triggers:

Each locality has selected local triggers to monitor and use to declare a drought or low water condition. Typically triggers include a stream level measured at a gage or a groundwater level measured at a specified level in a well, if available. A locality may assume a trigger is activated when either their local trigger has reached a predetermined level and / or a trigger from a neighboring jurisdiction within the same sub watershed has been reached. For localities with trigger levels set at percentile flows not posted on the NSVRC.virginia.gov website, the water purveyor will calculate flows to assess if conditions warrant a drought stage declaration.

While some drought response actions are applicable to all jurisdictions in the planning region (see list below), other drought response actions are individually determined by each locality based upon the

environmental setting and their position within the watershed, water source, and political circumstances. Local water managers and staff will be apprised of Drought Stage declarations through the use of automated crew messaging / emergency notification.

Note: In the event of a prolonged, multi-seasonal drought emergency, the locality reserves the right to institute a program of water rationing.

The NSVRC will act as a clearinghouse and provide public notification of any drought stage declaration within the region. The public notices will serve to build and raise awareness of the drought status and educate the public of early water conservation steps individuals and localities can implement. Drought stage downgrading will be conducted by the local water purveyor, jurisdictional CAO, or designee as determined by each locality. Decisions to downgrade a stage will be based on the local trigger, DEQ, and other designated triggers as precipitation increases and soil moisture content and water levels rise in streams and wells.

Statement of Water Need:

The projected future water demands through 2040 were assessed and are presented below alphabetically by County with their respective Towns, followed by the City of Winchester.

Clarke County, Towns of Berryville and Boyce:

Clarke County Sanitation Authority serves water to some County residents outside the Towns in Millwood and White Post. The water demand for these areas is expected to be met by existing supplies through 2040. However, the peak water projected use will be 86% of the Virginia Department of Health (VDH) permitted capacity. VDH recommends that when a municipal water supply reaches 80% of its permitted capacity, the municipality should look for alternative water sources or measures to expand existing infrastructure to increase its source. Therefore, Clarke County should seek to expand existing water supply between 2030 and 2040. See a summary of water projections below.

Year	Estimated Daily Average Demand	Estimated Peak Demand (MGD) (1.2)	Gallons/Person/Day	VDH Permitted Capacity MGD
2008	0.073	0.088	132	0.18
2010	0.078	0.094		
2020	0.091	0.109		
2030	0.106	0.127		
2040	0.13	0.156		

Town of Berryville:

Berryville will meet future projected water needs through 2040. However, peak water usage in 2040 exceeds the current VDH permitted capacity of water. Therefore, a new permit would be necessary for increased water withdrawal. In addition, implementation of water conservation

techniques will decrease water use by 20% thereby, resulting in future peak days demands to be met by existing sources.

Town of Boyce:

The existing supplies and permits for water for the Town of Boyce will meet future water demands to 2040 based on water uses projected below. It should be noted that a decrease in per capita usage of 132 gpd/user would also decrease water demand. A peak factor of 1.2 was used to predict water use on peak days.

Frederick County, Towns of Middletown and Stephens City:

In Frederick County there are two towns, both of which purchase water from another locality or entity. The Town of Middletown purchases water from the City of Winchester. The Frederick County Sanitation Authority provides water wholesale to the Town of Stephens City. In addition, Frederick County Sanitation Authority provides water to County residents located in the vicinity near the City of Winchester.

Estimates of future water demand for those serviced by the Frederick County Sanitation Authority include residential water demand, commercial demand, sales to Stephens City, and unaccounted for losses. Several assumptions were made including the demand by commercial light industrial users and will remain the same from 2008 through 2040. The quantity of water to be sold to Stephens City will remain the same from 2008 through 2040, and the unaccounted for system losses will remain the same from 2010 through 2040, assuming appliance efficiency and distribution upgrades occur. The projected number of residents to be serviced by the Frederick County Sanitation Authority was assumed to remain proportionate to the overall County population from 2008 and 2010. If the Sanitation Authority service area increases based on the projections below and the assumptions of water loss, sales, and commercial demand remain static, the demands projected through 2040 are as follows.

The permitted design capacity for the quarries supplying Frederick County Sanitation Authority is 4.928 million gallons per day (MGD). The Bartonsville well site has a capacity of 0.5 MGD totaling 5.42 MGD capacity. The Frederick County Sanitation Authority also purchases up to 2 MGD from the City of Winchester. Therefore, the sum total of existing water available to Frederick County Sanitation Authority is 7.92 MGD. Based on an available current supply of 7.92 MGD, a deficit of water in Frederick County is anticipated to occur between 2020 and 2030. If the Frederick County Sanitation Authority service area continues to serve the same percent of the County population as it increases over time, there will be a proportional increase in residents served by the Sanitation Authority. However, it should be noted that the Virginia Department of Health recommends that once a locality's water demand exceeds 80% of the source capacity, additional water should be secured. The water demand projected for 2020 is 7.83 MGD which exceeds 80% of the 7.92 source capacity. The Sanitation Authority continuously is looking to expand its capacity to meet the growing needs of their community. In order to meet its planning needs, Frederick County Sanitary Authority is continually looking at expanding its sources and other purveyors.

Town of Middletown:

The Town of Middletown is anticipated to use water at the rates projected below. Given those rates, the Town will need to look for sources of water by 2030 to meet the demand that will exceed the existing water purchase contract with the City of Winchester. The existing water contract is capped for Middletown at 0.238 MGD. It should be noted, these preliminary projections of water are based on a per capita water daily demand that exceeds state averages (152 gallons per day). Calculations using state averages of 125 gpd per person would lower the demand. Measures of conservation and other reduction implementation strategies could also significantly reduce the water demand and thereby not necessitate additional water supplies for the future planning period.

Town of Stephens City:

The Town of Stephens City has water supplied by the Frederick County Sanitation Authority. Based on projections, the Town of Stephen City water use is expected to be met by the existing water system and supplies through 2040.

Page County, and Towns of Luray, Shenandoah, and Stanley

Based on the ubiquitous nature of groundwater underlying Page County, future demands are anticipated to be met with groundwater wells.

Town of Luray:

All future users for water in the Town of Luray are anticipated to be met by the existing water supplies and permitted capacity to the year 2040. The peak demand for 2040 potentially exceeds the permitted capacity by 2030; however, daily consumptive uses could implement conservation to extend the supply of the sources to satisfy future uses.

Town of Shenandoah:

Even with a higher than average per capita usage, the Town of Shenandoah is anticipated to have all future water demands met by their exiting supplies. See the summary below of future use projections and have a surplus of 0.3 MGD.

Town of Stanley:

Future water demands are anticipated to be met by existing water supplies for the Town of Stanley through 2040 with a surplus of 0.05 MGD for peak days by 2040.

Shenandoah County, Towns of Edinburg, Mt. Jackson, New Market, Strasburg, Toms Brook, and Woodstock:

Based on future water use in Shenandoah County the existing water supplies from Stoney Creek Sanitary District and groundwater wells are anticipated to meet future water use. It is assumed that future development outside water supply service areas will require well development to support housing in rural areas.

Town of Edinburg:

Future Water uses are anticipated to be met by the existing water supplies in the Town of Edinburg through the planning period to 2040. However, the Town will reach 80 % of their permitted capacity by 2020 for average daily use and 80% of their peak day use before 2020.

Town of Mount Jackson:

The Town of Mount Jackson will have all water demands met by existing supplies. The per capita water usage rate was fairly low for Mount Jackson. The peaking rate was also low for the Town, at 1.2. The Town will have a surplus of 0.26 MGD in 2040 for average daily use, and a surplus of 0.172 MGD for peak days by 2040.

Town of New Market:

The Town of New Market will have all future water demands up through 2040 satisfied by existing Town water sources. By 2040, there will be a surplus of 1.238 MGD on peak days and a surplus of 1.779 MGD on average daily usage days.

Town of Strasburg:

The Town of Strasburg will have water demands met through Town supplies throughout the planning period of 2040. In 2010, the Town of Strasburg was permitted to increase their stream intake to 3 MGD. Based on population projections and commercial and water users assumptions set forth in this Plan, by 2040 the Town will have a surplus of 1.45 MGD for average daily use and a surplus of 0.67 MGD for peak days. By 2040 the Town water consumption on peak days will reach 77% of its permitted capacity. The Virginia Department of Health (VDH) recommends a municipality identify methods to increase water capacity once it reaches 80% of its permitted capacity.

Town of Toms Brook:

The Sanitary District has a permitted capacity of 0.241 MGD. Calculated future water use for the Town of Toms Brook will be met throughout the planning horizon of 2040 with a surplus of water from the existing source, Toms Brook-Maurertown District.

Town of Woodstock:

The Town of Woodstock will be able to satisfy all water demands through 2040 from the Town intake on the Shenandoah River. Based on demand calculations, there will be a water surplus of 0.137 MGD by 2040 on peak days and a surplus of 0.191 MGD on average daily use days.

Warren County and the Town of Front Royal:

The projected future water demands in Warren County are anticipated to be met through 2040. In general, additional rural development will require groundwater well construction to meet future needs in areas outside community water service systems.

Town of Front Royal:

Projected water use in the Town of Front Royal was calculated from 2008 water average daily water use of 2.048 MGD and peak day usage in 2008 was 3.35 MGD. Based on projected uses, the Town of Front Royal will meet residential water use and peak uses through 2040 with a permitted capacity of 4 MGD. It should be noted that disaggregated water use for other sectors such as business and system losses is not included in this estimated demand.

Winchester:

The City of Winchester has two water sources (river intake and a spring) with a combined maximum capacity of 15 MGD. The future growth scenarios increase the demand to 9.11 MGD. This demand can be met by the existing sources, with an estimated 5.9 MGD surplus in water supply.

NORTHERN SHENANDOAH VALLEY REGIONAL WATER SUPPLY PLAN

1.0 INTRODUCTION

The Northern Shenandoah Valley regional water supply planning group is comprised of twenty local governments that formed a technical advisory committee (TAC). Participating jurisdictions assigned members to the TAC representing the City of Winchester, five counties of Clarke, Frederick, Page, Shenandoah, and Warren; and the fourteen towns of Berryville, Boyce, Edinburg, Front Royal, Luray, Middletown, Mount Jackson, New Market, Shenandoah (town), Stanley, Stephens City, Strasburg, Toms Brook, and Woodstock. In addition, members of the Clarke County Sanitation Authority, Frederick County Sanitation Authority, Stoney Creek District and Toms Brook- Maurertown District were on the TAC. The twenty jurisdictions participating in the regional Plan signed a resolution before November 2008 for the Northern Shenandoah Valley Regional Commission to prepare the water supply plan on their behalf and submit it to the Virginia Department of Environmental Quality (DEQ) on or before November 2, 2011, per the regulation. The Northern Shenandoah Valley Regional Commission prepared this regional water supply plan with the involvement of all TAC members.

The purpose of the regional water supply plan is to comply with the State Water Control Board regulation 9 VAC 25-780, Local and Regional Water Supply Planning. This plan is designed to facilitate comprehensive assessment of existing water sources and uses, estimation of projected water demand in the Northern Shenandoah Valley to 2040, and a determination of water surpluses and or deficits to meet the projected water demands. In addition, this Plan surveys the water conservation steps taken in each jurisdiction, documents drought response actions, and helped develop consideration of alternative water supplies. The goal is to achieve the following:

- ◆ Provide adequate, reliable, and safe water to citizens balancing the need for environmental protection and future growth.
- ◆ Establish a comprehensive and continuous planning process for the wise use of our water resources.
- ◆ Plan for water needs for 30-50 years
- ◆ Involve public in decision process
- ◆ Identify alternative water sources
- ◆ Encourage regional water planning

Three years were used to characterize water use and sources: 2002, 2003, and 2008. The TAC determined that the wettest and driest years within the recent decade as well as the most recent year should all be included in this Plan.

The planning region relies on both groundwater from wells and springs and surface water from intakes on rivers.

2.0 EXISTING WATER SUPPLY

2.1 Existing Water Sources

Under the 1974 Safe Drinking Water Act, the Environmental Protection Agency (EPA) is the Federal agency with responsibility for protecting public water systems. EPA's definition of public water systems is one that provides water for human consumption through pipes or other constructed conveyances to at least 15 service connections or serves an average of at least 25 people for at least 60 days a year. EPA has defined three types of public water systems:

- Community Water System (CWS): A public water system that supplies water to the same population year-round.
- Non-Transient Non-Community Water System (NTNCWS): A public water system that regularly supplies water to at least 25 of the same people at least six months per year, but not year-round. Some examples are schools, factories, office buildings, and hospitals which have their own water systems.
- Transient Non-Community Water System (TNCWS): A public water system that provides water in a place such as a gas station or campground where people do not remain for long periods of time.

In Virginia, the Virginia Department of Health has primary responsibility for compliance with the Safe Drinking Water Act requirements. Below is a description of community water systems for the twenty localities within the Northern Shenandoah Valley planning region.

Additional source data is provided in the source / use spreadsheets as an appendix to this Plan.

2.1.1 Clarke County

Existing water sources in Clarke County include a public community water system owned and operated by the Clarke County Sanitation Authority and several private community water systems. The Sanitation Authority provides water for residents of the areas of Millwood and White Post, in addition to the Town of Boyce. Three-fourths of the people in Clarke County depend on groundwater as their source of drinking water. In the early 1990's groundwater wells within the White Post area were polluted by benzene. These wells have since been remediated and no longer poses a threat to water quality. In addition, Clarke County has implemented groundwater well protection ordinances that endorse sound land use practices to protect groundwater quality.

Public Community Water Systems. The Clarke County Sanitation Authority has a public community water system with water with an intake on Prospect Hill Spring and a Virginia Department of Health (VDH) permitted capacity of 180,000 gallons per day (gpd). Prospect Hill Spring is under the influence of surface water. The Clarke County Sanitation Authority provides and sells water to citizens located within the Town of Boyce. The Authority maintains three finished water storage tanks with a combined capacity of

275,000 gallons. In addition, there are several private community water systems in the County that use groundwater as a source. Two towns within Clarke County are Berryville and Boyce. The water supply for them is discussed below. There are homes and businesses within Clarke County that are served by individual groundwater wells. A map of the community water systems in Clarke County is included on Map 2.1

Private Community Water Systems. Private community water systems include Grafton school, serving 123 persons with a groundwater well; the Retreat with six groundwater wells and a maximum permitted capacity of 59,200 gpd; and River Park with a well and a maximum capacity permitted at 13,600 gpd.

Map 2.1



2.1.2 Town of Berryville

The Town of Berryville has a public community water system with an intake on the main stem of the Shenandoah River with a VDH permitted capacity of 864,000 gpd. There are no private community water systems within the town.

2.1.3 Town of Boyce

The Town of Boyce has water provided for by the Clarke County Sanitation Authority. Boyce does not own the distribution system nor bill customers.

2.1.4 Frederick County

Existing water sources in Frederick County include a public community water system owned and operated by the Frederick County Sanitation Authority, as well as privately owned community water systems. Frederick County has two towns: Middletown and Stephens City. In addition to public and private community water systems, there are homes and businesses within Frederick County that are served by groundwater wells. These wells vary in quantity throughout the year. A map showing the public community water systems in Frederick County is presented on Map 2.1.

Public Community Water Systems. Frederick County Sanitation Authority has three groundwater wells (Anderson, Whetzel, and Bartonsville) and two quarries used for supply. These are all separate entities with separate capacities. Water quantity for the wells is as follows: the Anderson well maximum daily withdrawal design capacity is 554,400 gpd; the Whetzel well maximum daily withdrawal design capacity is 1,008,000 gpd; and the Bartonsville well has a maximum maximum daily withdrawal design capacity of 509,760 gpd. The VDH permitted design capacity for the Frederick County Sanitation Authority is 4.93 MGD plus 0.5 MGD from the Bartonsville well. The Authority also has the option to purchase up to 2 MGD from the City of Winchester. The total water permitted for distribution from the Sanitation Authority is 7.43 MGD. The Authority provides water to the Town of Stephens City.

Private Community Water Systems. Private community water systems in Frederick County on groundwater wells include the four systems of Hilltop Trailer Park (VDH permitted at 14 connections with 5,600 gpd); Shawnee Land with four wells serving 155 connections (with a combined VDH permitted capacity of 172,800 gpd); Lake Holiday Estates with seven groundwater wells and a combined VDH permitted capacity of 326,000 gpd; and Tavenner Trailer Court with four groundwater wells with an average VDH permitted average capacity of 244,800 gpd serving 81 connections.

2.1.5 Town of Middletown

Middletown purchases water from the City of Winchester, but the town owns and operates the water distribution system. There are no private community water systems in Middletown.

2.1.6 Town of Stephens City

The Town of Stephens City owns a community water system that purchases source water from the Frederick County Sanitation Authority. There are no private community water systems in Stephens City limits.

2.1.7 Page County

Existing water sources in Page County include public community water systems using groundwater wells and springs, as well as privately owned community water systems. Page County has three towns which own and operate public community water systems: Luray, Shenandoah Town, and Stanley. There are many homes and businesses within Page County that are served by groundwater wells. These wells vary in quantity throughout the year. A map showing the public community water systems in Page County is presented on Map 2.1.

Public Community Water Systems. Some of the Page County residents are served by the public water systems of the Towns of Luray, Shenandoah, and Stanley.

Private Community Water Systems. Private community water systems in Page County using groundwater wells include following communities. Egypt Bend Estates with two wells has a combined maximum VDH permitted capacity of 38,100 gpd; Luray Homes with two wells has a combined VDH permitted capacity of 40 connections (12,000 gpd); Old Farms Subdivision with two wells has a combined VDH permit for 50 connections, although the storage facilities are limited to 3,200 gpd; Page Valley Estates on two groundwater wells as a combined VDH permitted capacity of 20,106 gpd; and Shenandoah Utility Services on one groundwater well has a VDH permitted capacity of 28,000 gpd.

2.1.8 Town of Luray

The Town of Luray operates a public community water system which provides water from Hite Spring and groundwater Well # 6. In addition, they have one spring (Hudson) that is currently closed and Yager (not developed). The Town of Luray has a combined VDH permitted capacity of 1.224 MGD. There are no private community water systems in Luray.

In 2010 the Town of Luray serves a population of 4,895. In addition, in 2010 the Town provided Page County residents located outside Town limits with water to 130 connections. The 2010 population for total water service is estimated at 5,220 persons, which includes the estimated population of the 130 County connections.

2.1.9 Town of Shenandoah

The Town of Shenandoah operates a public community water system with three groundwater wells that serve the town with a combined VDH permitted design capacity of 0.601 MGD, limited by yield for Wells 2 and 3 and pump capacity for Well No. 5. There are no private community water systems within the Town of Shenandoah.

2.1.10 Town of Stanley

The Town of Stanley operates a public community water system with six groundwater wells and a combined VDH permitted capacity for the first four of 805,650 gpd. There are no private community water systems in Stanley. Part of the Stanley water distribution serves 774 Page County connections located outside the Town limits. This provides an estimated 0.0017 MGD within the Page County area. Stanley is in the process of a wellhead protection program including fencing and an ordinance.

2.1.11 Shenandoah County

Existing water sources in Shenandoah County include public community water systems owned and operated by Sanitary Districts, as well as privately owned community water systems. Shenandoah County has five towns: Edinburg, Mount Jackson, New Market, Strasburg, Toms Brook, and Woodstock. In addition to public and private CWS, there are homes and businesses within Shenandoah County that

are served by groundwater wells. These wells vary in quantity throughout the year. A map showing the public community water systems in Shenandoah County is presented on Map 2.1.

Public Community Water Systems. Shenandoah County has two Sanitary Districts; Stoney Creek Sanitary District serving the Bayse-Bryce Mountain Resort area and Toms Brook-Maurertown District serving the Town of Toms Brook. The Stoney Creek Sanitary District is comprised of seven groundwater wells with a combined permitted design capacity of 392,800 gpd.

Private Community Water Systems. Nine private community water systems on groundwater wells exist in Shenandoah County and include Battleground Trailer Park, with a VDH permitted capacity limited by storage to 11,200 gpd; Edinburg Extended with two groundwater wells and a VDH combined permitted capacity of 34,000 gpd (max capacity 42,000 gpd); George's Chicken has six wells with a VDH combined permitted capacity of 14.98 MGD (plus George's Chicken corporation purchases surface water from Woodstock Town); Hollar Subdivision has three wells with a VDH combined permitted capacity of 26,000 gpd (maximum VDH combined design capacity of 259,200 gpd); Lambert's Mobile Villa with two groundwater wells and a VDH permitted capacity of 14,800 (maximum combined withdrawal capacity is 119,068); Massanutten View has three wells with an average daily use of 24,000 gpd (maximum VDH combined withdrawal design capacity is 158,400 gpd); Mountain Waterworks has one well permitted by VDH to serve 17 connections (max 6,800 gpd); Ryan's Subdivision has one well permitted by VDH to serve 17 connections (6,800 gpd max withdrawal design capacity); and Valley View Subdivision has two wells VDH permitted to serve 19 connections with an average daily capacity of 5,225 gpd (93,600 gpd maximum design combined VDH permitted capacity).

2.1.12 Town of Edinburg

The Town of Edinburg operates a public community water system which has two groundwater wells with a maximum design capacity of 432,000 gpd, though the current VDH permit is 240,000 gpd. Edinburg's water supply is limited by its filtration capacity. There are no private community water systems in Edinburg. Edinburg Town has a wellhead protection ordinance.

2.1.13 Town of Mount Jackson

The Town of Mount Jackson operates a public community water system with five groundwater wells serving the Town with a combined VDH permitted capacity of 699,200 gpd. In addition, the Town has recently had two additional wells permitted by VDH that are capped and waiting to be brought into the system. There are no private community water systems serving the Town. Mount Jackson has conducted an inventory of potential sources of point source pollution within their wellhead areas.

2.1.14 Town of New Market

New Market Town has public community water system with six groundwater wells with a maximum withdrawal design capacity of 2,923,200 gpd (2.92 MGD). There are no private community water systems within New Market. New Market has a wellhead protection overlay area.

2.1.15 Town of Strasburg

The Town of Strasburg has a public community water system based on an intake of surface water on the North Fork of the Shenandoah River. Strasburg holds a Virginia Water Protection (VWP) Permit for the intake. The Town was permitted by DEQ to withdraw 1 MGD but their permit was increased to 3 MGD in 2010. There are no private community water systems in Strasburg.

2.1.16 Town of Toms Brook

The Toms Brook Sanitary District serves the Town of Toms Brook with a public community water system sourced by two wells with a combined VDH permitted capacity of 170,000 gpd. There are no private community water systems within Toms Brook.

2.1.17 Town of Woodstock

The Town of Woodstock has a public community water system based on an intake of surface water on the North Fork of the Shenandoah River. The VDH permitted withdrawal capacity is 2.02 MGD. There are no private community water systems in Woodstock.

2.1.18 Warren County

Existing water sources in Warren County include privately owned community water systems. Warren County has one town: Front Royal. The town has a public CWS. In addition to public and private CWS, there are homes and businesses within Warren County that are served by groundwater wells. These wells vary in quantity throughout the year. A map showing the public community water systems in the Town of Front Royal is presented on Map 2.1.

Public CWS. Warren County has no public community water systems.

Private CWS. Warren County has six private community water systems on groundwater wells. These include: Dungadin Subdivision with three wells and a VDH combined permitted capacity of 22,000 gpd (maximum withdrawal design capacity is limited to 11,520 gpd); Freezeland Manor Subdivision with a two wells with a combined VDH permitted 33,600 gpd capacity (storage limited to 20,867 gallons); High Knob with six wells and a VDH combined capacity VDH permitted at 155,520 gpd; Jackson Meadow with two wells and a VDH combined permitted 17,680 gpd capacity; three groundwater wells at Shenandoah River Estates with VDH permitted capacity combined of 22,000 gpd; and Shenandoah Shores with five wells and a VDH permitted capacity of 159,600 gpd.

2.1.19 Town of Front Royal

The public community water system serving the Town of Front Royal and some of the surrounding Warren County is sourced by surface water intakes. Three river intakes (on Sloan Creek, Happy Creek, and the South Fork of the Shenandoah River) have a VDH combined permitted capacity of 4 MGD. No private community water systems are located within Front Royal. The Town of Front Royal holds a Virginia Water Protection (VWP) Permit for the intake (withdrawal capacity limited to 4 MGD).

2.1.20 Winchester City

Existing water sources in the City of Winchester include public community water systems owned and operated by the City of Winchester, with no privately owned community water systems. In addition to public CWS, there are businesses within City of Winchester that are served by groundwater wells. These wells vary in quantity throughout the year. A map showing the public community water systems in City of Winchester is presented on Map 2.1.

Public Community Water Systems. Winchester City has an intake on the North Fork of the Shenandoah River with a VDH permitted design capacity limited by the sedimentation basin of 10 MGD (the pumping capacity is 14 MGD). In addition, Winchester may withdraw up to 1 MGD from Fay Spring as set by legal contract. Fay Spring requires treatment and is not currently in use.

2.2 Amount of Water Available to be Purchased from Outside each Jurisdiction from any Source with the Capacity to Withdraw more than 300,000 Gallons per Month of Surface and Groundwater

No water is purchased from water supply systems outside the geographic boundaries of the planning region. However, there are many purchases between water supply systems within the planning region. The Clarke County Sanitation Authority (CCSA) currently provides water to the Town of Boyce. There is no known contract between the Town of Boyce and CCSA, and Boyce owns no water distribution infrastructure. The Frederick County Sanitation Authority (FCSA) currently purchases water from the City of Winchester. It has a contract allowing them to continue purchasing water with no end date with a cap of 2 MGD. The FCSA currently provides water to the Town of Stephens City. There is no known end date for the contract between the Town of Stephens City and the FCSA. The City of Winchester sells water to the Town of Middletown with a cap of 238,000 gpd. The City of Winchester and the Town of Middletown are entering discussions in June 2011 regarding the limit of water to be purchased. There is no end date for the water purchase agreement between FCSA and Winchester. The Stoney Creek Sanitation District in Shenandoah County provides water to the Orkney Springs / Bayse village. The Toms Brook-Maurertown Sanitation District in Shenandoah County serves Toms Brook with water. Toms Brook does not own nor operate any water infrastructure. No sanitation district's contracts have expiration dates.

2.3 Estimate of Agricultural Users

The water usage records from Virginia DEQ for users of more than 300,000 gallons per month were reviewed but detailed livestock or crop data was not available for agricultural users of groundwater or surface water. The U.S. Department of Agriculture 2002 and 2007 Census of Agriculture data for each county in the planning region was assessed to provide estimates of crop land in acres and cattle head size. Estimates of agriculture in the counties were based on the 2007 Census of Agriculture data. In general, most agriculture in the counties of the region uses surface water stream intakes for irrigation with gas-run pumps to withdraw the water. The agricultural livestock and crop (type and quantity) for each county are presented in the table below. Estimates for livestock were calculated based on number and type of animal. There are no known Self-Supplied users of more than 300,000 gallons per month of water for agriculture within the Towns or City. Those identified were within the outlying County rural

areas. Below is a listing of agricultural users of water reporting to DEQ and those identified from the Census of Agriculture database. While Census of Agriculture data presented includes both head of livestock and cropland; only water usage for livestock is estimated from the data. Total crop irrigation is not estimated for the counties because the irrigation of crops varies based on climatological conditions. Crop acreage is noted but not used in the water usage estimate.

2.3.1 Clarke County

2008 reported users of water for agriculture in Clarke County included Dorsey and Moore (0.0794 MGD), White Post Farm (unreported quantity), and Ivy Hill Farm (0.0353 MGD). The total agricultural water use reported in Clarke County was 0.1147 MGD in 2008. According to the Census of Agriculture data, the farms in Clarke County cover 67,919 acres with an estimated monthly use of 5,365,800 gallons or 0.179 MGD of water for livestock. Total cropland in Clarke County was 32,530 acres in the 2007 Census of Agriculture data.

2.3.2 Frederick County

2008 reported users of water for agriculture in Frederick County included Timber Ridge Fruit Farm (no water use reported in 2008), MacDonald Farm (0.003 MGD), and Springwood Farms (0.04 MGD). The total reported agricultural water use in Frederick County is 0.043 MGD in 2008. According to the 2007 Census of Agriculture, Frederick County has 98,278 acres in farmland and approximately 37,900 of those acres are in crops with an estimated monthly water use for livestock of 5,459,040 gallons or 0.182 MGD.

2.3.3 Page County

A few self-Supplied agricultural users of water in Page County used over 300,000 gallons per month in 2008. These included Noah Turner Landscaping (0.031 MGD) and Happy Valley Greenhouse (using a reported 0.001 MGD), with a total reported farm use of 0.032 MGD. In addition, according to the 2007 Census of Agriculture, Page County farmland covers 64,387 acres. Approximately 27,702 farm acres in crops grown in Page County. Based on the number of farms and types of livestock, it was estimated that 8,264,880 gallons per month are used for livestock or 0.2755 MGD.

2.3.4 Shenandoah County

No Self-Supplied agricultural users of water in Shenandoah County using over 300,000 gallons per month in 2008 were reported. According to the 2007 Census of Agriculture, farms in Shenandoah County cover 141,286 acres and 60,247 acres are crops land. Based on the number and type of livestock, an estimated 14,630,760 gallons per month are used on the farm lands collectively, or 0.488 MGD.

2.3.5 Warren County

The Front Royal Fish Cultural Station was the only large Self-Supplied agricultural water user reported in 2008 to use over 300,000 gallons per month. According to the 2007 Census of Agriculture, Warren County has 47,635 acres in farmland and 13,354 acres in crops.

A summary of the 2007 Agricultural Census data is presented below.

AGRICULTURAL SUMMARY in NORTHERN SHENANDOAH VALLEY					
Agricultural Census Data	Clarke County	Frederick County	Page County	Shenandoah County	Warren County
Farms (acres) 2007	67,919	98,278	64,387	141,286	47,635
Farms (acres) 2002	74,279	112,675	64,045	133,032	48,940
Land in irrigated farms (ac) 2007	6,630	8,107	1,698	8,918	502
Farm harvested cropland (ac) 2007	4,241	2,791	916	3,046	96
Other nonpasture cropland (ac) 2007	42	2	(D)	65	-
Pastureland farms irrigated (ac) 2007	1,783	(D)	647	2,270	197
Irrigated Land (ac) 2007	515	299	295	756	58
Total Cropland (acres) 2007	32,530	37,900	27,702	60,247	13,354
Total Cropland (acres) 2002	47,926	59,312	33,178	70,324	23,536
Irrigated harvested cropland (ac) 2007	515	282	(D)	725	43
Irrigated pastureland / other (ac) 2007	-	17	(D)	31	15
Land enrolled in conservation / Reserve (acres) 2007	(D)	707	119	398	27
2002	858	1,187	466	804	167
Top Livestock Inventory (numbers)					
Cattle and Calves 2007 (number)	14,905	15,164	22,958	59,600	13,500
Horses and Ponies (number)	2,891	1,089			
Hog and Pigs (number)		(D)			
Goats (all)		717			
Poultry - Layers (number)	1,533	1,265	248,956		
Broilers Chicken			7,015,010		
Turkeys			902,211		
Pullets			139,000		
Sheep and Lambs (number)	791		600	3,800	
Top Crop (acres)					
Forage-Land used for all Hay, Haylage, Grass Silage, and Greenchop (Ac) 07	16,909	21,776	16,360		
Corn for Grain (ac) 2007	3,115	2,199	2,752		
Corn for Silage (ac) 2007	1,750	1,126	2,728		
Soybeans for beans (ac) 2007	2,030	831	776		
Apples (ac) 2007	590	5,600			
Barley for Grain (ac)			1,050		

Based on the 2007 Census of Agriculture data, the number of farms and types of livestock were reviewed and an estimated monthly use of water was calculated. The table below presents estimated livestock

monthly water use for the region. The water use estimates were calculated on head of livestock type and daily water consumptive factors, per the Census of Agriculture. As stated previously, estimated water use for crops was not calculated because crop irrigation is dependent upon the seasonal water conditions.

Livestock Estimated Water Use				
County	# of Farms	Avg. Size of Farms (Acres)	# of Livestock	Estimated Monthly Usage (Gallons)
Clarke	496	136	14905	5365800
Frederick	676	145	15164	5459040
Page	530	121	22958	8264880
Shenandoah	1043	135	40641	14630760
Warren	387	123	8688	3127680
Regional Total Monthly water Use				36848160

2.4 Residences that are Self-Supplied and Individual Wells Withdrawing Less than 300,000 Gallons per Month

Estimation of the residences that are Self-Supplied and served by individual groundwater wells withdrawing less than 300,000 gpm (gallons per month), is calculated by subtracting the population served by public and private community water systems from the locality population. Populations served by the public community water systems were provided by each jurisdiction based on 2008 data. Populations served by the private community water systems were estimated from the number of connections multiplied by estimated community household for that locality. The County population served by individual wells has Town populations and private water systems subtracted. Businesses that are self supplied are on the last tab of the source /use spreadsheet, appended to this Plan.

Locality	2008 Total Population	Minus Town Population	Population Served by Public CWS	Estimated Population served by Private community water systems (est 125 gpd)	Estimated Remaining Population Served by Individual Wells	Estimated Water Use on Wells (75 gpd)
Clarke County	13,758	9,261		705	8,556	641,700
Town of Berryville	3,941	0	3,941			
Town of Boyce	556	0	556			
Frederick County	74,786	71,851		5993	65,858	4,939,350
Town of Middletown	1,199	0	1,199			
Town of Stephens City	1,736	0	1,736			
Page County	23,869	15,321		811	13,810	1,035,750
Town of Luray	4,895	0	5,220			
Town of Shenandoah	2,104	0	2,104			
Town of Stanley	1,491	0	2,500			
Est Page County Served by Stanley CWS			700			

Shenandoah County	40,609	21,656		1,357	20,299	1,522,425
Town of Edinburg	1,001	0	1,001			
Town of Mount Jackson	2,290	0	2,290			
Town of New Market	2,477	0	2,477			
Town of Strasburg+	6,242	0	7,096			
Town of Toms Brook	251	0	251			
Town of Woodstock	5,838	0	5,838			
Warren County	36,377	22,107		3,097	19,010	1,425,750
Town of Front Royal	14,270	0	14,270	0		
City of Winchester	25,679	0		0		

+ Strasburg population is for 2009

2.5 Wellhead Protection Ordinance / Sourcewater Protection Programs

The County of Clarke has a wellhead protection program in place. Frederick County has an ordinance to protect the quarries storing the groundwater from being accessed by the general public. In addition, the Frederick County Sanitation Authority has a fence surrounding the quarries to limit accessibility. In Page County, the Town of Stanley is developing an ordinance to protect wellhead areas. The Town of Luray purchases land surrounding their water sources. In Shenandoah County, the Towns of New Market, Edinburg, and Mount Jackson have wellhead protection programs in place. Mount Jackson Town has conducted a detailed groundwater study.

3.0 EXISTING WATER USE INFORMATION

The populations for each jurisdiction in the Northern Shenandoah Valley region were available by U.S. Census for 2000 and 2010 and are presented on the table below. In addition, the estimated populations for the years reported in this water supply plan include 2002, 2003 and 2008. Estimates for the Town populations during 2002, 2003, and 2008 were calculated by a straight line derivation from 2000 and 2010 Census data.

Population			Estimated Population*		
Locality	Census 2000	Census 2010	Est 02	Est 03	Est 08
Clarke County	12,652	14,034	12,928	13,067	13,758
Berryville Town	2,963	4,185	3,207	3,329	3,941
Boyce Town	426	589	442	459	556
Frederick County	59,209	78,305	63,028	64,938	74,486
Middletown Town	1,015	1,265	1,015	1,045	1,199
Stephens City Town	1,146	1,829	1,469	1,514	1,736
Page County	23,177	24,042	23,350	23,437	23,869
Luray Town	4,871	4,895	4,891	4,902	4,953
Shenandoah Town	1,878	2,373	1,935	1,963	2,104
Stanley Town	1,326	1,689	1,367	1,388	1,491
Shenandoah County	35,075	41,993	36,459	37,150	40,609
Edinburg Town	813	1,041	856	880	1,001
Mount Jackson Town	1,664	1,994	2,056	2,095	2,290
New Market Town	1,637	2,146	2,198	2,245	2,477
Strasburg Town	4,017	6,398	5,404	5,686	6,242
Toms Brook Town	255	258	247	247	251
Woodstock Town	3,952	5,097	5,058	5,188	5,838
Warren County	31,584	37,575	32,782	33,381	36,377
Front Royal Town	13,589	14,440	13,759	13,844	14,270
Winchester City	23,585	26,203	24,109	24,370	25,679

Note* Estimated Population calculated from $(\text{Census 2010} - \text{Census 2000})/10 = \text{annual increase}$

The residential population of each jurisdiction is provided by community water systems or Self-Supplied wells.

The average per capita use of water can vary from 80 gallons/day to 200 gallons/day in the United State (Virginia Polytechnic State University, Water Resource Center, 2009). The Commonwealth of Virginia Waterworks Regulations is based on a use of 100-gallons/day/capita. For planning purposes, consideration should be given to water losses from the treatment plant to delivery point, which is estimated at about 30%. Also, a margin of safety will compensate for uncertainty in population projection. Therefore, for this Water Supply Plan for the Northern Shenandoah Valley, an estimate of water demand per capita of 125 gallons a day was used to compensate for uncertainty in per capita water use and population increase for residents served on municipal water systems (not including industrial, agricultural and other uses).

3.1 Community Water Systems Use

See the combined spreadsheet for Sections 70 and 80 appended to this Plan and posted on the NSVRC website, for a detail of public and private water use. In addition, the spreadsheet contains the estimated annual community water system use disaggregated into categories of water use for residential, commercial, heavy industrial, military, production process water, unaccounted-for water losses, sales and other. Current water use information is summarized for each jurisdiction within the planning region, presented alphabetically by County (and their Towns), followed by the City of Winchester.

3.2 Clarke County

Public Community Water Systems. In 2008, Clarke County Sanitation Authority's Average Daily Use was 0.066 MGD, with a Maximum Daily Use of 0.157 MGD that predominantly served residents within the Town of Boyce and residents of the areas of Millwood and White Post. The Clarke County Sanitation Authority in 2011 has 276 water accounts in the Town of Boyce. Of these 276, 20 are commercial customers and 256 are residential customers. The Sanitation Authority has 59 water accounts in White Post, of which six are commercial customers and 53 are residential. There are also 107 water accounts in Millwood. Of these 107, 10 are commercial customers and 97 are residential customers. In total for the Sanitation Authority, there are 442 total water accounts, of which 36 are commercial and 406 residential. Of the 442 water accounts, 276 serve the Town of Boyce.

Private Community Water Systems. Grafton School, serves 123 persons with a groundwater well (123 persons times 125 gpd a person is 15,375 gpd). The Retreat is served by groundwater wells and a maximum permitted capacity of 59,200 gpd. River Park groundwater well has a maximum capacity permitted at 13,600 gpd. The combined private community water system for Clarke County has a source capacity of 0.0882 MGD.

In 2002 the surface water Average Daily Use was 0.02476 MGD and the Maximum Daily Use was 0.0618 MGD for the Retreat (no reported withdrawal for Grafton School or River Park). In 2002, the Average Daily Withdrawal for all private Community water users was 0.025 MGD and the Maximum Daily Withdrawal was 0.06 MGD. In 2008, the Average Daily Withdrawal for all private community water users was 0.02 MGD and the Maximum Daily Withdrawal was 0.06 MGD.

3.3 Town of Berryville

In 2002 the Average Daily Use was 0.365 MGD and the Maximum daily use in 2002 was 0.749 MGD. In 2003, the Average Daily Use was 0.365 MGD and in 2008, the Average Daily Use was 0.381 MGD.

3.4 Town of Boyce

Water for the Town of Boyce is provided by the Clarke County Sanitation Authority and usage amounts are presented in Section 3.2 above.

3.5 Frederick County

Public Community Water Systems. The Frederick County Sanitation Authority has three groundwater wells (Anderson, Whetzel, and Bartonsville) and two quarries. Water quantity for the wells is as follows: Anderson well permitted maximum capacity is 547,000 gpd; the Whetzel well permitted max capacity is 936,000 gpd; and the Bartonsville well has a maximum permitted capacity of 509,760 gpd. The Authority provides water to the Town of Stephens City. The Frederick County Sanitation Authority has a source capacity of 4.928 MGD plus 0.5 MGD (Bartonsville well) or 5.43 MGD source total. The Authority also purchases up to 2 MGD from the City of Winchester with a total water supply available of 7.43 MGD. Currently the Frederick County Sanitation Authority has 13,502 connections, not including bulk water sold to the Town of Stephens City.

According to DEQ VWUDs data, reported water use for Frederick County Sanitation was as follows: in 2002 the average daily use was 2.43 MGD; in 2003 average daily use was 2.43 MGD; and in 2008 the average daily use was 2.67 MGD.

Private Community Water Systems. Private community water systems in Frederick County on groundwater wells include the four systems of Hilltop Trailer Park (permitted 14 connections at 5,600 gpd); Shawnee Land with four wells serving 155 connections (with a combined permitted capacity of 172,800 gpd); Lake Holiday Estates with seven groundwater wells and a combined permitted capacity of 326,000 gpd; and Tavenner Trailer Court with four groundwater wells with a combined average capacity of 244,800 gpd serving 81 connections. The combined private (nonmunicipal) community water supply systems use reported to DEQ on the VWUDs was 0.473 MGD in 2003 and 0.593 MGD in 2008.

3.6 Town of Middletown

In 2008 the average daily use was 0.182 MGD which was purchased from the City of Winchester.

3.7 Town of Stephens City

The Town of Stephens City purchases water from the Frederick County Sanitation Authority. There are no private community water systems in Stephens City limits. The Average Daily use in 2002 was 0.0927 MGD.

3.8 Page County

Public Community Water Systems. Some of the Page County residents are served by the Town groundwater wells from the Towns of Luray and Stanley.

Private Community Water Systems. In 2002, the Average Daily Withdrawal for private Community water users was 0.02 MGD and the maximum daily withdrawal was 0.06 MGD.

3.9 Town of Luray

The Town of Luray provides water from one spring (Hite) and one groundwater well (Well #6). In addition, they have two wells currently closed (Hudson and Yager Spring). The Town of Luray has a combined permitted capacity of 1.224 MGD. There are no private community water systems in Luray. There is a well #6 which is currently offline but has a daily capacity of 0.496 MGD and a maximum daily capacity of 0.662 MGD. Luray served a daily water use of 837,559 gallons per day in 2008, with an average peak daily use of 944,435 gallons per day. In 2010 the Town of Luray serves a population of 4,895. In addition, in 2010 the Town provided County residents with out-of-town water to 130 connections. The Town estimated this to be 130 connections times 2.5 residents per household connection, plus the 2010 population for a total water service provided to 5,220 persons.

3.10 Town of Shenandoah

The Town of Shenandoah has three groundwater wells that serve the town with a combined permitted design capacity limited by yield for Wells 2 and 3 and pump capacity for Well No. 5; therefore, the source capacity permitted is 0.601 MGD. There are no private community water systems within the Town of Shenandoah. In 2002 the average Daily Use was 0.2626 MGD with a Maximum Withdrawal of 0.539 MGD. In 2008 the average Daily Use was 0.32 MGD with a Maximum Withdrawal of 0.51 MGD.

3.11 Town of Stanley

The Town of Stanley has six groundwater wells with a combined permitted capacity for the first four of 805,650 gpd. There are no private community water systems in Stanley. Part of the Stanley water distribution serves residents outside town limits in the County through 774 connections. Stanley is in the

process of a wellhead protection program including fencing and an ordinance. In 2002 the Average Daily Use was 0.3977 MGD, with no maximum daily withdrawal numbers reported. In 2008 the Average Daily Use was 0.42 MGD, with no maximum daily withdrawal numbers reported.

3.12 Shenandoah County

Public Community Water Systems. Shenandoah County has two Sanitary Districts serving the Bayse-Bryce Mountain Resort area and the Town of Toms Brook. The Stoney Creek Sanitary District is comprised of seven groundwater wells with a combined permitted design capacity of 392,800 gpd. In 2002 the Stoney Creek water use was 0.159 MGD, maximum daily use was 0.263 MGD. In 2008 the Average Daily Use was 0.228 MGD, with a maximum daily withdrawal of 0.332 MGD reported.

Private Community Water Systems. Nine private community water systems on groundwater wells exist in Shenandoah County and include Battleground Trailer Park, with a daily capacity limited by storage to 11,200 gpd; Edinburg Extended with two groundwater wells with a combined permitted capacity of 34,000 gpd (max capacity 42,000 gpd); George's Chicken has six wells with a combined permitted capacity of 14.98 MGD (plus purchases water from Woodstock Town); Hollar Subdivision has three wells with a combined permitted capacity of 26,000 gpd (maximum combined design capacity of 259,200 gpd); Lambert's Mobile Villa with two groundwater wells and a permitted capacity of 14,800 (maximum combined capacity design is 119,068); Massanutten View has three wells with an average daily use of 24,000 gpd (maximum combined design capacity is 158,400 gpd); Mountain Waterworks has one well permitted to serve 17 connections (max 6,800 gpd); Ryan's Subdivision has one well serving 17 connections (6,800 gpd max); and Valley View Subdivision has two wells serving 19 connections with an average daily capacity of 5,225 gpd (93.6 gpd maximum design combined capacity). The Battleground Trailer Park water use was 0.0084 MGD or 0.01 MGD.

3.13 Town of Edinburg

The Town of Edinburg has two groundwater wells with a maximum design capacity of 432,000 gpd, though the current VDH permit is 240,000 gpd. Edinburg's water supply is limited by its filtration capacity. There are no private community water systems in Edinburg. Edinburg Town has a wellhead protection ordinance. In 2002 the average daily use was 0.15 MGD and the Maximum Daily Use was 0.249 MGD. In 2008 the Average Daily Use was 0.16 MGD, with a maximum daily withdrawal of 0.42 MGD reported.

3.14 Town of Mount Jackson

The Town of Mount Jackson has five groundwater wells serving the Town with a combined permitted capacity of 699,200. In addition, the Town has recently had two additional wells permitted by VDH that are capped and waiting to be brought into the system. For 2002 the Average Daily Use was 0.293 and

the Maximum Daily Use was 1.01 MGD. In 2008 the Average Daily Use was 0.26 MGD, with a maximum daily withdrawal of 0.92 MGD reported.

3.15 Town of New Market

New Market Town has six groundwater wells with a maximum designed capacity of 2,923,200 gpd (2.92 MGD). There are no private community water systems within New Market. 0.38 MGD was the Average Daily Use in 2002 with a Maximum Daily Use of 1.12 MGD. In 2008 the Average Daily Use was 0.68 MGD, with a maximum daily withdrawal of 1.65 MGD reported.

3.16 Town of Strasburg

The Town of Strasburg has a public community water system based on an intake of surface water on the North Fork of the Shenandoah River. The town was permitted to withdraw 1MGD but their permit was increased to 3 MGD in 2010. In 2002 the Average Daily Use was 0.744 and the Maximum Daily Use was 0.958 MGD. In 2008 the Average Daily Use was 1.68 MGD, with a maximum daily withdrawal of 1.94 MGD reported.

3.17 Town of Toms Brook

Toms Brook Town has two wells with a Sanitary District with a combined maximum design capacity of 241,600 gpd. In 2002 the Average Daily withdrawal was 0.095 MGD and the Maximum Daily withdrawal was 0.176 MGD. In 2008 the Average Daily withdrawal was 0.13 MGD, with a maximum daily withdrawal of 0.2 MGD reported.

3.18 Town of Woodstock

The Town of Woodstock has a public community water system based on an intake of surface water on the North Fork of the Shenandoah River. The town holds a VDH permit to withdraw 2.02 MGD. The Town of Woodstock reported their water use as follows: daily water withdrawal for 2002 was 0.617 MGD; daily withdrawal for 2003 was 0.688 MGD; and daily withdrawal for 2008 was 0.796 MGD.

3.19 Warren County

Public CWS. Warren County has no public community water systems.

Private CWS. Warren County has five private community water systems on groundwater wells. The Combined private community water system design permitted capacity is 0.4104 MGD. High Knob private CWS had an unreported average daily use in 2002, 2003, and 2008. The pump capacity was noted to be 0.047 MGD. Total private use in 2008 for all remaining private community water systems was 1.62 MGD.

3.20 Town of Front Royal

The public community water system serving the Town of Front Royal and some of the surrounding Warren County is based on surface water river intakes. Three river intakes (on Sloan Creek, Happy Creek, and the South Fork of the Shenandoah River) have a combined permitted capacity of 4 MGD. In 2008 the Average Daily Use was 2.048 MGD, with a maximum daily withdrawal of 3.35 MGD reported.

3.21 Winchester City

Public Community Water Systems. Winchester City has an intake on the North Fork of the Shenandoah River with a design capacity limited by the sedimentation basin of 10 MGD (the pumping capacity is 14MGD and). In addition, Winchester has a permit to withdraw up to 1 MGD from Fay Spring. Fay Spring requires treatment and is not currently in use. The City of Winchester sells water to the Town of Middletown and Frederick County averaging a total of 2.11 MGD; other uses include Commercial and industrial light use 2.201 MGD, and unaccounted for losses in the City is 1.853 MGD. The VDH permitted source capacity for the public community water system is 11 MGD based on 10 MGD intake on the Shenandoah River and 1 MGD for Faye Springs. In 2002, the Average Daily Withdrawal was 8.108 MGD. In 2008 the Average Daily Withdrawal was 7.71 MGD (of that total, 0.1821 MGD was sold to Middletown and 1.93 MGD was sold to the Frederick County Sanitation Authority). The daily maximum withdrawal in 2008 was 10.44 MGD.

3.22 Estimate of Water Used by Self-Supplied Nonagricultural Users of More than 300,000 Gallons per Month of Surface and Groundwater Outside the Service Areas of the Community Water System

Surface Water Users

In Clarke County there is Federal Emergency Management Agency (FEMA) with an average daily use in 2008 of 0.715 MGD. FEMA uses water from an intake on the Shenandoah River. In Frederick County there were three Self-Supplied nonagricultural users of water including the Winchester Golf Club (Golf pond water of 0.09 MGD in 2008); the other two, Carpers Valley Golf Course and Gore Plant, had no water usage in 2008. Page County has one Self-Supplied nonagricultural water user the Luray Caverns Country Club, using an average daily 0.041 MGD in 2008 of stream water from the South Fork of the Shenandoah River. In Shenandoah County there are three Self-Supplied nonagricultural water users: Bryce Resort (with surface water intake on Stoney Creek of 0.22 MGD for creating snow and golf course); Shenvalee Lodge Inc. with a Smith Creek intake of 0.045 MGD in 2008; and the Strasburg Plant (O-N Minerals Company) with groundwater in Shenandoah Quarry with an average daily use of 0.0009 MGD. The Riverton Plant has an intake on the Shenandoah River in Warren County, but did not report any water use in 2008. In the City of Winchester the WINCHESTER PLANT (Federal Mogul Friction Product) is a Self-Supplied nonagricultural user but had no water use reported in 2008. The total 2008 average daily use for these surface water Self-Supplied nonagricultural users is 1.114 MGD.

Groundwater Users

Berryville Graphics is the one nonagricultural Self-Supplied groundwater user in Clarke County using 0.003 MGD in 2008. In Frederick County the groundwater Self-Supplied nonagricultural users include Valley Protein (0.14 MGD) and Gore Plant (0.02 MGD) in 2008. In Shenandoah County the nonagricultural Self-Supplied users of groundwater in 2008 include George's Chicken (0.332 MGD); Shrine Mont (0.26); Valley Milk Products; Strasburg Plant; Bowman's Apple; and Howell Metal. The 2008 total combined average daily use of Self-Supplied nonagricultural users of groundwater in Shenandoah County was 1.94 MGD. In Warren County the 2008 groundwater use includes the Bowling Green Club (0.05 MGD) and Shenandoah Valley Golf Club (0.0332 MGD). In the City of Winchester the Federal Mogul Plant used 0.39 MGD in 2008.

3.23 Estimate of Water Used by Self-Supplied Nonagricultural Users of More than 300,000 Gallons per Month of Surface and Groundwater Inside the Service Areas of the Community Water System

None reported.

3.24 Estimate of Water Used by Self-Supplied Agricultural Users of More than 300,000 Gallons per Month of Surface and Groundwater Outside the Service Areas of the Community Water System

The breakdowns are calculated by County from the Census of Agriculture data. Livestock water usage is presented in source descriptions, Chapter 2. Estimates of livestock water use are as follows for various animals: for cattle (beef) and calves 12 gpd; milk cows 35 gpd; pigs 5 gpd; sheep and goats 2 gpd; poultry layers and broilers 0.06; and horses consume 12 gpd. The irrigation estimates were calculated for crops although the following crop water usage rates were considered likely for normal wet years: soybean 25 inches/acre; vegetables 15 inches/acre, and unknown 20 inches/acre.

3.25 Estimate of Water Used by Self-Supplied Agricultural Users of More than 300,000 Gallons per Month of Surface and Groundwater Inside the Service Areas of the Community Water System

None reported.

3.26 Estimate of Water Used by Self-Supplied Users of Less than 300,000 Gallons per Month of Surface and Groundwater Outside the Service Areas of the Community Water System

Estimation of the residences and businesses that are Self-Supplied and served by individual groundwater wells withdrawing less than 300,000 gpm (gallons per month), is calculated by subtracting the public and private community water system's population from the locality population. Populations served by the public community water systems were provided by each jurisdiction based on 2008 data. Populations served by the private community water systems were estimated from the number of connections multiplied by estimated community household for that locality. The County population served by individual wells has Town populations and private water systems subtracted. The average per capita water use factor for individual wells was 75 gpd.

4.0 EXISTING RESOURCE INFORMATION

This section of the Northern Shenandoah Valley Regional Water Supply Plan is prepared in accordance with Title 9: Environment, of the State Water Control Board's final regulation for Water Supply Planning 9 VAC 25-780-10 through 9 VAC 25-780-190, under Statutory Authority: Sections 62.1-44.15 and 62.1-44.38:1 of the Code of Virginia. A combination of groundwater, springs, and surface water supply potable water to the planning area.

4.1 General Environmental Setting

Geology and Hydrology:

The Shenandoah Valley is a 160 mile-long valley located in the northwestern portion of Virginia. The Shenandoah Valley is part of the Great Valley within the 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. The Shenandoah Valley 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 Shenandoah River, which runs through the valley, flows north and is a tributary to the Potomac River that drains into the Chesapeake Bay, and ultimately Atlantic Ocean. A soft limestone layer forms much of the base of the Shenandoah Valley. The Shenandoah River carved out the Shenandoah Valley, dissolving the limestone and carrying the sediments north to the Potomac.

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 U.S.

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 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 northeasterly and southeasterly in direction throughout the Valley. 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 P. Jerry Stenger, UVA Climatologist, the following data was collected during 1971 to 2000 in Berryville, Woodstock, Luray, and Frederick County weather stations. The average annual precipitation in our area 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 Table 4.1. While most of the Commonwealth receives an annual precipitation of 40 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](http://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.

TABLE 4.1: Seasonal Regional Average Climatic Norms Regional Average Climatic Normals (1971–2000) by Season

	Winter	Spring	Summer	Fall	Annual
--	--------	--------	--------	------	--------

Total Precipitation (Inches)	7.80	10.03	10.74	10.01	38.58
Average Daily Maximum 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

4.2: Local Climate Facts for each weather station from 1971 to 2000

Station Climatic Normals (1971–2000) By Month			
Total Precipitation (Inches)			
Station Name	County	Elev. (Ft.)	Annual
BERRYVILLE	Clarke	600	38.27
LURAY 5 E	Page	1400	41.61
WINCHESTER 7 SE	Frederick	680	39.10
WINCHESTER WINC	Frederick	720	36.40
WOODSTOCK 2 NE	Shenandoah	680	37.52
			38.58
Average Daily Maximum Temperature (°F)			
Station Name	County	Elev. (Ft.)	Annual
BERRYVILLE	Clarke	600	64.5
LURAY 5 E	Page	1400	68.7
WINCHESTER 7 SE	Frederick	680	63.2
WINCHESTER WINC	Frederick	720	65.2
WOODSTOCK 2 NE	Shenandoah	680	65.8
			65.48
Average Daily Minimum Temperature (°F)			
Station Name	County	Elev. (Ft.)	Annual
BERRYVILLE	Clarke	600	42.2
LURAY 5 E	Page	1400	41.0
WINCHESTER 7 SE	Frederick	680	43.6
WINCHESTER WINC	Frederick	720	40.8
WOODSTOCK 2 NE	Shenandoah	680	40.7
			41.66

4.1.1 Detailed Resource Characteristics

A description of existing environmental conditions is included that may possibly affect in-stream and groundwater uses as well those conditions that may potentially impact the quality and or quantity of supply sources currently serving the planning area.

4.2 State or Federal Listed Threatened or Endangered Species or Habitats of Concern

Two state agencies are responsible for listing the threatened and endangered species: the Virginia Department of Conservation and Recreation (DCR) maintains the plants and insects in the region and Virginia Department of Game and Inland Fisheries (VDGIF) maintains the animals listed. The U.S. Department of Agriculture and U.S. Fish & Wildlife Service identify federally protected species which are also on the state lists. The entire list of aquatic species or those associated with riverine ecosystems found to inhabit identified from VDGIF to occur within the region is appended to this Plan.

The Tiers are defined as:

Tier	Degree of Conservation Need	Description
1	Critical Conservation Need	Faces an extremely high risk of extinction or extirpation. Populations of these species are at critically low levels, facing immediate threat(s), or occur within an extremely limited range. Intense and immediate management action is needed.
2	Very High Conservation Need	Has a high risk of extinction or extirpation. Populations of these species are at very low levels, facing real threat(s), or occur within a very limited distribution. Immediate management is needed for stabilization and recovery.
3	High Conservation Need	Extinction or extirpation is possible. Populations of these species are in decline or have declined to low levels or are in a restricted range. Management action is needed to stabilize or increase populations.
4	Moderate Conservation Need	The species may be rare in parts of its range, particularly on the periphery. Populations of these species have demonstrated a significant declining trend or one is suspected which, if continued, is likely to qualify this species for a higher tier in the foreseeable future. Long-term planning is necessary to stabilize or increase populations.

According to the code of Virginia "Special concern" means any species, on a list maintained by the VDGIF director, which is restricted in distribution, uncommon, ecologically specialized or threatened by other imminent factors.

4.3 Anadromous Fish, Trout, and Other Significant Fisheries

There are no anadromous fish present within the planning region; however, the migratory catadromous American eel is present. Game fish occur abundantly throughout the South Fork, North Fork, and mainstem of the Shenandoah River and many of their tributaries. The following game fish are actively sought through sport fishing during the seasons spring through fall: Rock bass, Smallmouth bass,

Largemouth bass, Green sunfish, Bluegill sunfish, Redbreast sunfish, and Pumpkinseed. In addition, trout are native and others are stocked in the mainstem, North Fork, and South Fork of the Shenandoah River. Rainbow trout occurs in the mainstem, North Fork, and South Forks of the Shenandoah River. The South Fork and North also have Brook trout and Brown trout. The Fisheries Division of VDGIF has identified all of the reaches in this region as wild (Class I-IV) or stockable (Class V and VI) trout streams or as tributaries to wild trout streams. Local canoe and camping shops advertise periodic trout fishing events. Annual fly fishing tournaments hosted in Page, Shenandoah and Warren Counties on tributaries to the Shenandoah draw local and visiting sportsman.

The predominant fishes within the South Fork, North Fork, and mainstem of the Shenandoah River identified by the Virginia Polytechnic and State University are listed below:

<http://www.cnr.vt.edu/PLT/potomacshenandoah/aquaticinsects/fishoftheshenandoahriver.htm>

- **Mainstem of the Shenandoah River:**

- | | |
|---------------------|--------------------|
| American eel | Common shiner |
| Banded killifish | Rosyface shiner |
| Margined madtom | Comely shiner |
| Channel catfish | Spottail shiner |
| Yellow bullhead | Swallowtail shiner |
| Brown bullhead | Northern hogsucker |
| Rainbow trout | Shorthead redhorse |
| Common carp | Mottled sculpin |
| Central stoneroller | Fantail darter |
| Cutlips minnow | Tessellated darter |
| Bluntnose minnow | Rock bass |
| Pearl dace | Smallmouth bass |
| Longnose dace | Largemouth bass |
| Blacknose dace | Green sunfish |
| Bluehead chub | Bluegill sunfish |
| Creek chub | Redbreast sunfish |
| River chub | Pumpkinseed |
| Fallfish | |
| Spotfin shiner | |

- **South Fork of the Shenandoah River:** All species present in the mainstem of the Shenandoah River (listed above) plus Brook trout, Brown trout, Satinfish shiner, and White sucker.
- **North Fork of the Shenandoah River:** All species present in the mainstem of the Shenandoah River (listed above) plus Brook trout, Brown trout, Satinfish shiner, White sucker, Fathead minnow, and Greenside darter.

4.4 State Scenic River segments and Significant Recreational Rivers

Throughout the Shenandoah watershed, opportunities are ubiquitous for canoeing, kayaking, and whitewater rafting through rentals, guided tours, and general recreation.

The Virginia DCR administers the Wild and Scenic River Program. In June 2009 the DCR issued a list of 24 scenic river designations in Virginia. One reach of the Shenandoah River in the planning area is legislatively designated as a Virginia Scenic River. The Shenandoah River 21.6 mile section from the Warren/Clarke County line to the state border between West Virginia and Virginia State is designated as scenic under legislation 21.6 §10.1-417. This section of the river was originally designated in 1979, and extended in 1992. The DCR has identified two river segments in our planning region as “Desirable components: evaluated and found worthy of designation” as a Scenic River in Virginia (http://www.dcr.virginia.gov/recreational_planning/documents/srmap.pdf). These two segments include the North Fork in Shenandoah County from Burnshire Bridge (Route 758) to the town of Strasburg and in Page/Warren Counties the segment of the South Fork of the Shenandoah River from Goodes Mill to Overall. Five segments of the Shenandoah River located in the planning region were determined by DCR to contain “Potential Components: Identified as being worthy of future study” for consideration as a Scenic River. These potentially suitable scenic segments include: North Fork of the Shenandoah River from New Market to Burnshire Bridge; Cedar Creek headwaters to its confluence with the North Fork; North Fork Shenandoah River from its confluence with Cedar Creek to the town of Front Royal; South Fork of the Shenandoah River from Port Republic (upstream of the planning region) to Goodes Mill; and South Fork Shenandoah from Overall to the town of Front Royal.

In order for a river be declared a National Wild and Scenic River, it takes an act of Congress. There are no river segments in the planning area designated as National Wild and Scenic.

4.5 Historic and Archaeological Resources

In general, the Shenandoah Valley was home to numerous native Americans pre-European settlement. The lowlands were a migratory route inhabited by Native Americans for thousands of years, hunting and gathering along the river area. It is probable that numerous tribal sites could be uncovered given additional research and investigations. Below is a list of significant resources for each County, per Comprehensive Plans.

Clarke County (from the **2007 Clarke County Comprehensive Plan Historic Resources Plan**)

<http://www.clarkecounty.gov/planning/comprehensive-plan.html>

“More than 30% of the County has been placed on the Virginia Landmarks Register and the National Register of Historic Places, including the historic districts of: Greenway (30 square miles), Long Marsh (16 square miles), Cool Spring Civil War Battlefield (6 square miles), Berryville (150 acres), Boyce (102 acres), White Post (30 acres), and 28 individually listed structures. In addition, Greenway Court (the 1750 home of Lord Fairfax) and Saratoga (the 1780 home of Daniel Morgan) have been designated National Historic Landmarks, the highest level of national recognition for an historic property. The County is also part of the John Singleton Mosby Heritage Area, the first heritage area designated in Virginia. This Area approximates “Mosby’s Confederacy,” to encompass parts of six counties, of which Clarke is the only county included in its entirety.”

At this time, there are two areas designated as County Historic Districts, one area in the village of White Post, encompassing 28 parcels, and 7 parcels in the village of Millwood, primarily focused on its commercial core.

Currently, two properties in the County are listed as National Historic Landmarks, in part because of their association with significant historic figures, Lord Fairfax and Daniel Morgan.

Property Name DHR File #

1. Greenway Court 21 - 28
2. Saratoga 21 - 70

Twenty-six individual properties and seven districts are listed on the State and National Registers.

Property Name DHR File #

1. Annfield 21 - 02
2. Bethel Memorial Church 21 - 35
3. Blandy Experimental Farm 21 - 550
4. Burwell-Morgan Mill 21 - 23
5. Carter Hall 21 - 12
6. Fairfield 21 - 29
7. Farnley 21 - 30
8. Glendale Farm 21 - 34
9. Guilford 21 - 39
10. Huntingdon 21 - 188
11. Josephine City School 21 - 177
12. Long Branch 21 - 95
13. Lucky Hit 21 - 45
14. Meadea 21 - 618
15. Norwood 21 - 57
16. Old Chapel 21 - 58
17. Old Clarke County Courthouse 21 - 21
18. The River House 21 - 64
19. Scaleby 21 - 86
20. Smithfield 21 - 349
21. Soldier's Rest 21 - 73
22. The Tuleyries 21 - 82
23. Wickliffe Church 21 - 89
24. Chapel Hill 21 - 14
25. Millwood Colored School 21 - 192-8
26. Clermont 21 - 19

Districts

1. Berryville Historic District 168 - 12
150 acres - 314 contributing resources
2. Cool Spring Battlefield Historic District 21 - 976
4,064 acres (6 sq. miles) - 54 contributing resources
3. Greenway Historic District 21 - 963
19,107 acres (30 sq. miles) - 606 contributing resources
4. Long Marsh Run Rural Historic District 21 - 967
10,293 acres (16 sq. miles) - 366 contributing resources
5. White Post Historic District 21 - 66
30 acres - 28 contributing resources

6. Boyce Historic District 172 - 0001

102 acres – 100 contributing resources

7. Millwood Commercial District 21 - 5059

4 acres - 10 contributing resources

A contributing resource includes a building, structure, site, or object.

Frederick County

(Excerpts from the 2007 Comprehensive Plan

<http://www.co.frederick.va.us/planning/COMPPLAN/pdfs/2007/2007%20Comprehensive%20Policy%20Plan%20-%20History.pdf>)

The following sites are listed on the Virginia Landmarks Register and the National Register of Historic Places:

Belle Grove and Cedar Creek Battlefield

Monte Vista

Springdale House and Mill Complex

Willow Shade

Sunrise

Rose Hill

Hopewell Friends Meeting House

County Poor House

Willa Cather's Birthplace

Newton/Stephensburg District

St. Thomas Episcopal Church in Middletown

Additionally, there are about 50 sites in the County reviewed by the Virginia Department of Historic Resources and determined likely eligible for inclusion on the State and National Historic Register. Numerous battlefields, fortifications, and entrenchments exist throughout the County; however, the following were determined to be located in close proximity to water distribution systems:

1862 First Kernstown Battlefield

1863 Third Winchester Battlefield

1864 Cedar Creek Battlefield

1864 Second Kernstown Battlefield

Page County (per Comprehensive Plan 2009,

<http://www.pagecounty.virginia.gov/files/Character%20Volume%204.21.09%20-%20Reduced%20v2.pdf>)

More than a dozen Indian grave mounds have been discovered in Page County - three times the number in surrounding counties.

Sixteen structures located in Page County are listed on the Virginia

Landmarks Register. Fifteen structures and places are on the National Register of Historic Places. The county should identify and preserve for future generations those structures and sites that reflect its history of settlement and development.

The Virginia Department of Historic Resources (VDHR) completed an architectural and historic resources survey in 1998 and documented a total of 266 significant sites. VDHR Evaluation Team considered the eligibility of 57 individual properties for recognition as Virginia Landmarks and listing on the National Register of Historic Places. In addition to these individual properties, the VDHR Evaluation

Team considered 2 districts, the communities of Hamburg (Hamburg Quadrangle) and Mundellsville (Luray Quadrangle), and found them to have potential as National Register Historic Districts. Likewise, certain collections of properties in villages and rural areas may comprise historic districts. Survey work in the communities of Ida, Leaksville, Marksville, Newport and Rileyville suggested the possibility of historic districts in those communities as well. A relatively large area between Luray and Stanley, roughly bounded by the Norfolk Southern Line and the Blue Ridge, may qualify as a rural historic district for the building diversity, architectural character, and high degree of historic integrity.

The fifteen structures and districts listed on the National Register of Historic Places are listed below.
 Aventine Hall (1852). The house was moved to its present site on South Court Street in Luray from its original location on the grounds of the Mimslyn in West Luray.

Catherine Furnace (1836). It is located in the George Washington National Forest.

Fort Egypt (1755). Located west of Luray near the west bank of the South Fork of the Shenandoah River.

Fort Phillip Long (1750). The Fort is located northwest of Springfield near the east bank of the South Fork of the Shenandoah River.

Heiston-Strickler House (late 18th century). This historic building is located approximately two miles northwest of Luray overlooking the Shenandoah River bottomlands.

The Isaac Spitler Home Place (1826). This historic farmstead located on Mill Creek near Leakesville.

John Beaver House

Kanawha (early 1920s). This historic home, also known as Tuckahoe, is located on Jamison Road in Luray.

Massanutten Height

Page County Court House (1833)

Stevens Cottage (1890). This historic building is located in the Town of Shenandoah on Maryland Avenue.

The White House (second half of the 18th century).

The Welfley-Shuler House (1875). This historic building is located in Shenandoah at 449 Shipwreck Road, off of Route 601.

The Milford Civil War Battlefield. This site is located off of Route 340 in Overall near the Page County-Warren County Line.

Three historic districts include:

Page Valley Rural Historic District extending from the Shenandoah National Park to the Shenandoah River from Route 211 north of Luray into Warren County.

Rileyville Historic District

Compton Historic District

Shenandoah County (per Comprehensive Plan

<http://www.shenandoahcountyva.us/reportscode/comprehensiveplan/>)

Table 1-A, below, is a listing of those sites and districts in the County that are included in the Virginia Landmarks Register and/or the National Register of Historic Places.

TABLE 1-A: VIRGINIA LANDMARKS REGISTER / NATIONAL REGISTER OF HISTORIC PLACES

Updated Through NPS June15, 2001 Announcement

PROPERTY USGS Quad Map VLR NRHP FILE #

Beydler, Abraham House Toms Brook 06-13-01 02-07-02 85-096

Campbell Farm Middletown 04-17-90 08-15-90 85-127

Edinburg Historic District Edinburg 12-03-97 07-22-98 215-001
 Edinburg Mill Edinburg 06-19-79 09-07-79 85-110
 Elizabeth Furnace Strasburg 03-17-99 85-940
 Fort Bowman or Harmony Hall Middletown 11-05-68 11-25-69 85-04
 Hockman, Dr. Christian, House Edinburg 01-17-84 02-23-84 85-76
 Hupp House Strasburg 12-04-96 02-21-97 85-7
 Lantz Hall, Massanutten Military Academy Woodstock 10-21-92 12-30-92 330-05
 Meems Bottom Covered Bridge New Market 04-15-75 06-10-75 85-103
 Miley Site (44SH2) Toms Brook 04-16-74 ----- 85-101
 Mount Jackson Historic District New Market 04-21-93 06-17-93 265-04
 Munch, Daniel House Rileyville 12-05-01 03-13-02 85-363
 New Market Battlefield Park New Market 06-02-70 09-15-70 85-27
 New Market Historic District New Market 05-16-72 09-22-72 269-05
 Orkney Springs Hotel Orkney Springs 03-18-75 04-22-76 85-39
 Quicksburg Site (44SH3) New Market 04-16-74 ----- 85-102
 Shenandoah County Courthouse Toms Brook 06-19-73 06-19-73 330-02
 Shenandoah County Farm Toms Brook 08-18-93 10-29-93 85-86
 Snapp House Toms Brook 11-21-78 05-07-79 85-29
 Strasburg Historic District Strasburg 05-15-84 08-16-84 306-16
 Strasburg Stone and Earthenware
 Manufacturing Company Strasburg 04-17-79 06-19-79 306-09
 Van Buren Furnace Woodstock 03-17-99 85-051
 Woodstock Historic District Woodstock 06-27-95 10-25-95 330-15
 Zirkle Mill New Market 12-14-82 02-10-83 85-122

The Historic Landmarks Survey Report that was published in 1993 provided documentation on 326 sites at the “reconnaissance level” and 38 sites at the “intensive level” for a total of 364 sites that were located outside of the corporate limits of the six towns and also outside the boundaries of the George Washington National Forest. Fourteen of the sites were rural communities, villages or crossroads; they include Calvary, Columbia Furnace, Conicville, Forestville, Hudson Crossroads, Lebanon Church, Moores Store, Mount Clifton, Mount Olive, Oranda, Quicksburg, Saumsville, Wheatfield and Williamsville.

The second phase of the Shenandoah County Historic Resources Survey was undertaken in 1994 and 1995, and was also funded jointly by the County, the Department of Historic Resources and the Shenandoah County Historical Society. The 1995 report includes documentation of 359 individual sites at the “reconnaissance level” and 32 at the “intensive level” and also included documentation on 10 communities that were evaluated for their potential as rural historic districts. Recommendations for further research and for ten properties to be considered for listing in the Virginia Landmarks Register and the National Register of Historic Places are also included.

In summary, over 750 historic sites have been identified by the historic landmarks surveys that have been accomplished in the County, ranging from individual homes, farms, taverns, bridges and other

structures to complete historic districts. The towns of Edinburg, Mount Jackson, New Market, Strasburg and Woodstock now have historic districts that are listed on the State and National Registers of Historic Places. In addition, there are several battlefield sites in Shenandoah County which the Comprehensive Plan notes, should be preserved and enhanced.

Warren County (per Comprehensive Plan

http://www.warrencountyva.net/index.php?option=com_rokdownloads&view=folder&Itemid=456)

Warren County is unique with its prehistoric site: The Thunderbird archeological complex consisting of 1,800 acres of prehistoric sites cover the entire range of human prehistory in eastern North America, roughly a 12,000 year period from approximately 10,000 B.C. to 1600 A.D. The Thunderbird site and the Fifty site, are stratified (layers of artifacts indicating human occupancy over 12,000 years) and are two of the most significant and important sites in North America. Thunderbird is the only stratified base camp of the paleoindian period known in the Western Hemisphere and contains evidence of the earliest known buildings in the New World.

The Thunderbird camp is located in Warren on the floodplain near the confluence of Flint Run and the Shenandoah River's South Fork. Across the river from the camp was a quarry reduction station and less than a mile upstream from the base camp was a hunting camp, now known as the Fifty site. The first recorded European settlement in the County was also on the Thunderbird site.

Warren County is well known for historic resources and battlefields, and Mosby's Raiders hanging. The Battle of Front Royal, on May 23, 1862, was one of the battles of General Stonewall Jackson's famous Valley Campaign. Other significant battles have taken place in Warren County or in a portion of the County. In 1864, Sheridan's victory at Cedar Creek was significant in the in the Shenandoah Valley. In 1864, two in Milford in Warren and Page Counties at Overall were historically significant. Lime works in Riverton was an important forge.

Winchester City (per Comprehensive Plan <http://www.winchesterva.gov/planning/compplan.php>)

Winchester City has an historic overlay district, delineated in the Comprehensive Plan. In addition, the battlefields and other historically significant sites within the City were identified above in sections covering Clarke and Frederick Counties.

4.6 Geologic Formations

The area of the Shenandoah Valley was once under the ocean over 450 million years ago. The bones of the fish and shells, rich in calcium, settled to the bottom of the ocean. Over time, these calcium-rich deposits formed rocks under the pressure of the water above creating dolomite and limestone sedimentary layers. Eventually the ocean receded and the mountains were thrust up, approximately 300 million years ago. The mountains eroded from water and weather and the streams drained into what is known as the Shenandoah River, carving the valley. The resultant soils and rock formations on the Valley floor and along mountain sides contain much of the limestone and dolomite. As water from runoff and precipitation contacts the limestone and dolomite, a chemical reaction occurs and the rock dissolves, creating a karst landscape. Karst is a landform feature created from the dissolved rocks that can take the form of caves, caverns, sinkholes, seeps, springs, and ponures. These karst features are ubiquitous

throughout the planning area. Karst landscapes have a direct and rapid interconnection with the surface. Land use activities in karst areas have immediate impacts on water quality.

Another unique feature of the Valley is the fertile, well draining soils. The area is ranked high in the state for agriculture. The fertile Valley soils make Shenandoah Valley the “breadbasket” of Virginia.

It is important to note that a section of Clarke County has a sole source aquifer designation. The EPA defines a sole or principal source aquifer as one which supplies at least 50 percent of the drinking water consumed in the area overlying the aquifer. EPA guidelines also stipulate that these areas can have no alternative drinking water source(s) which could physically, legally, and economically supply all those who depend upon the aquifer for drinking water. For convenience, all designated sole or principal source aquifers are usually referred to simply as "sole source aquifers."

4.7 Wetlands

Palustrine forested, scrub-shrub, and emergent wetlands constitute the wetland types within the planning area. The U.S. Fish & Wildlife Service’s National Wetland Inventory (NWI) Map layer was reviewed as layer -using a geographical information system. The overall wetland estimates from the NWI maps are presented below. In general, the National Wetland Inventory estimated wetlands are considered to be an underestimate of wetland acreages. In order to accurately assess wetland acreage, an ecological field investigation and aerial photographic interpretation should be conducted.

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

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

Wetlands are vital for sustaining populations of fish and wildlife in the United States. They provide habitat for approximately one-third of federally-listed plants and animals, and nesting, migratory and wintering areas for more than 50 percent of the Nation's migratory bird species. Wetlands play an important role in water quality improvement by nutrient removal. Wetland plants filter and trap sediments, thereby improving water quality. Wetlands also have an important role in improving water

quantity, such as flood control. Groundwater fed streams in the area are replenished and a wall of floodwater can be soaked up by wetland ecosystems if present along riverbeds.

4.8 Riparian Buffers and Conservation Easements

The Virginia Department of Forestry has some riparian buffers located within the planning area (*see <http://www.dof.virginia.gov/regCentral/she-wq-rfb.shtml>*). In addition, the Natural Resources Conservation Service (NRCS) Soil and Water Conservation District (SWCD), has worked with localities to plant vegetated buffers through the Conservation Reserve Program (CRP), the Environmental Quality Incentives Program, and the state's cost-share program to increase riparian corridors.

A conservation easement is a legal agreement between a landowner and a government agency or non-profit conservation organization that places permanent limits on the future development of the property in order to protect the land. While often donated by landowners, the County then has the opportunity through state grant funding, to purchase one or more conservation easements from local landowners. Landowners who establish a conservation easement permanently protect their land while retaining ownership and enjoyment of the property. Landowners do not have to grant public access to conserved properties, and most conserved properties are actively used for farming or as forestland. The establishment of conservation easements through the DCR, state conservation board / agency, or a local land trust such as the Virginia Department of Forestry, Virginia Outdoor Foundation, Virginia Land Conservation Foundation Valley Conservation Council, Potomac Conservancy, or Chesapeake Bay Foundation assist in acquiring easements for localities and private landowners. Land owners can elect to place an easement on riparian areas without any incentive except for a federal income tax deduction and local tax incentives. The land trust agency holds the easement.

Land protected either as a buffer or in an easement preserves habitats of ecosystems, provides connectivity for migrations, affords open space, provides livestock management and improves water quality. Estimates of preserved land, by acres, for each county within the planning area are presented below.

- Clarke County - 3068 acres
- Frederick County - over 5,469 acres
- Page County - 1,230 acres
- Shenandoah County - 1,625 acres
- Warren County - over 5,034 acres

4.9 Land Use and Land Cover

The Shenandoah River drains 1,957,690 acres of land. The watershed can be broken down into several land-uses. Forest and agricultural lands make-up roughly 1,800,000 acres of watershed. The maximum elevation within the watershed is 3,350 feet mean sea level. The minimum elevation is 300 feet mean

sea level and occurs at the confluence with the Potomac River. The Shenandoah River basin is composed of three sub basins (8-digit United States Geologic Survey (USGS) Hydrologic Unit Codes (HUC)). The three sub basins are the South Fork of the Shenandoah River (HUC 02070005), North Fork of the Shenandoah River (HUC 02070006), and the Shenandoah River (HUC 02070007).

The data for this section is presented in the table below, based on Comprehensive Plans. It should be noted that the land use classifications are specific to each jurisdiction, and not necessarily transferrable.

Locality	Sq. miles	Acres
Frederick County	414.6	265,360.70
Winchester City	9.3	5,974.00
Clarke County	176.6	113,034.50
Warren County	213.7	136,766.70
Shenandoah County	512.2	327,811.10
Page County	311.1	199,120.00
Total NSV Region:	1,637.60	1,048,067.20
Fed/State land	250	160,000
Clarke County Land Use:		
LAND_USE	SqMiles	Sum_ACRES
Developed	12.95	8288
Crop	36.6	23424
Edge	10.1	6464
Managed Natural	3.66	2342.4
Pasture	51	32640
Wooded	61.6	39424
Frederick County Land Use:		
LAND_USE	SqMiles	Sum_ACRES
Business	7.11	4553.37
Highway Commercial	0.17	105.63
Historic	2.88	1840.59
Industrial	10.60	6783.46
Institutional	0.47	301.67
Mixed-Use	1.16	745.29
Mobile Home Community	0.15	92.87
Mixed-Use Age Restricted	0.04	23.28
Mixed-Use Commercial Office	0.24	150.45

Mixed-Use Industrial Office	0.24	152.13
Neighborhood Village	0.18	114.78
Natural Resources & Recreation	2.00	1282.74
Open Space	0.03	16.12
Planned Unit Development	2.97	1899.99
Recreation	0.56	356.58
Residential	14.48	9267.65
Urban Center	0.76	485.78
Residential	14.5553	9315.41
Urban Center	0.75827	485.29
Agricultural	371.955	238051
Winchester Land Use:	Sq Miles	Sum_ACRES
High Residential	0.584	373.76
Medium Residential	1.4	896
Low Residential	1.5	960
Heavy Industrial	0.12	76.8
Light Industrial	1.1	704
Major Commercial	1.14	729.6
Major Institutional	0.49	313.6
Park/Open	0.62	396.8
Public	0.33	211.2
Residential/Office	0.15	96
Special Mix-Use	0.114	72.96
Page County Land Use:		
LAND_USE	SqMiles	Sum_ACRES
Primary Community	3.21669	2,058.68
Secondary Community	8.72842	5,586.19
Towns	8.47256	5,422.44
Agricultural	144.186	92,279
Environmental Protection	111.863	71,592
Shenandoah Land Use:		
LAND_USE	SqMiles	Sum_ACRES
Residential	97.56	62,440
Commercial (mixed uses)	8.96	5,740
Industrial	1.9	1,220
Agricultural (cropland, etc.)	150.97	96,623

Open Space (wooded, barren, state and national parks, etc.)	269.82	172,687
Major Institutional	1.91	1,223
Warren County Land Use:		
LAND_USE	SqMiles	Sum_ACRES
Residential	18.49	11,836
Commercial (mixed uses) & Industrial	3.6	2,306
Agricultural (cropland, etc.)	140.22	89,744
Open Space (wooded, barren, state and national parks, etc.)	34.41	22,024

4.10 Impaired Streams

Two legacy contaminants are in the Shenandoah River: mercury and Polychlorinated biphenols (PCBs). This background section summaries the history of how mercury and PCBs were introduced into the river. A listing of all TMDL stream segments follows.

History:

PCB Contamination:

PCBs are one of two legacy contaminants threatening the quality of the Shenandoah River. PCBs consist of 209 chemical compounds (congeners) that were sold under various trade names. PCBs accumulate in the fatty tissue and are considered highly toxic probable carcinogens. PCBs were outlawed in the 1970s in the U.S.

Avtex Fibers rayon plant (manufacturing site on 440-acres in Front Royal), was a source of leaking PCBs into the Shenandoah River. After manufacturing rayon, polyester, and polypropylene fibers for commercial, defense, and space industries for more than 45 years, Avtex Fibers (and previous owners) closed in 1989. In June 1986, Avtex was designated a Superfund site on U.S. EPA’s National Priorities List. Per EPA’s fact sheet:

The contamination discovered at the Avtex Fibers site was of such magnitude and complexity that the area has been the subject of a number of removal, enforcement, and long-term cleanup actions. Tons of rayon manufacturing wastes and by-products, zinc hydroxide sludge, and fly ash and boiler room solids were disposed of on site in 23 impoundments and fill areas encompassing 220 acres. Waste disposal practices at the plant contaminated the groundwater under the site and in residential wells across the river from the site. The principle contaminants found in the groundwater were carbon disulfide, ammonia, arsenic, antimony, phenol and high pH. Arsenic, lead, and PCBs have been found in soils. PCBs associated with the plant were detected in the Shenandoah River. When the plant closed in 1989, the community was left to contend with severely contaminated land and water.

Currently, the former Avtex site has undergone extensive remediation; however, the legacy of PCBs remains as a contaminant in the river. Avtex site was one of ten sites selected by EPA as a pilot Superfund Redevelopment Initiative with the goal of returning the site to productive use.

In 1989, Virginia issued a “do not eat” advisory for all species of fish in the mainstem Shenandoah River and portions of the North and South Forks of the Shenandoah. Because of this fish consumption advisory, the Shenandoah River was listed on both Virginia’s and West Virginia’s 1998 Section 303(d) lists of TMDL streams. The river is listed for other impairments as well. Two segments of the Shenandoah River measuring approximately 42 stream miles in length were listed on Virginia’s Section 303(d) list. The first segment, the North Fork of the Shenandoah River running from Passage Creek to its influence with the South Fork of the Shenandoah River, measures 5.33 miles in length. The second segment, composed of the South Fork of the Shenandoah River and the mainstem of the Shenandoah River, measures 36.45 miles in length. A third segment of the Shenandoah River was listed on West Virginia’s 1998 Section 303 (d) list.

Mercury Contamination:

In addition to PCBs, the second legacy contaminant threatening water quality is mercury. From 1929 to 1950, a DuPont textile plant, located in the headwaters of the South Fork in Waynesboro, discharged mercury waste into the South River. Mercury subsequently contaminated the South Fork of the Shenandoah River, the mainstem of the Shenandoah River, and the floodplains along the three rivers. A 2009 USGS study of mercury contamination revealed that 96 percent of the mercury loads to the South River come from soil contaminated by this textile plant, are continuing to contaminate several Shenandoah Valley rivers at a rate of “about 416 pounds of mercury / year” into the South River (USGS, Eggleston, 2009).

TMDL Stream Segments:

The following list provides a summary of each TMDL stream segment within the planning region and the cause(s) of impairment, river miles, and location.

South Fork Shenandoah River

Location: South Fork Shenandoah River from its confluence with North and South Rivers downstream to its confluence with Hawksbill Creek. (Start Mile: 100.97 End Mile: 41.98 Total Impaired Size: 58.99 Miles)

City / County in Planning Area: Page Co.

Impairment = Escherichia coli

Impairment = Benthics on South Fork Shenandoah River from its confluence with North and South Rivers downstream to its confluence with Hawksbill Creek. (Start Mile: 100.97 End Mile: 41.98 Total Impaired Size: 58.99 Miles)

Naked Creek (In process of getting delisted due to natural causes of impairment, mountainside sloughing)

Location: Naked Creek including the East Branch from the headwaters downstream to its confluence with the South Fork Shenandoah River. (Start Mile: 12.44 End Mile: 0.00 Total Impaired Size: 12.44 Miles)

City / County in Planning Area: Page Co.

Impairment = Benthic-Macroinvertebrate Bioassessments

Cub Run

Location: Cub Run originating on the east side of the Massanutten Mountain from the headwaters downstream to its confluence with the South Fork Shenandoah River. (Start Mile: 9.62 End Mile: 0.00 Total Impaired Size: 9.62 Miles)

City / County in Planning Area: Page Co

Impairment = Escherichia coli

Line Run

Location: Line Run from the headwaters downstream to its confluence with Honey Run. (Start Mile: 3.9 End Mile: 0.00 Total Impaired Size: 3.9 Miles)

City / County in Planning Area: Page Co.

Impairment = Escherichia coli

Honey Run

Location: Honey Run from the headwaters downstream to its confluence with the South Fork Shenandoah River. (Start Mile: 4.53 End Mile: 0.00 Total Impaired Size: 4.53 Miles)

City / County in Planning Area: Page Co.

Impairment = Escherichia coli

Mill Creek

Location: Mill Creek from the headwaters downstream to its confluence with the South Fork Shenandoah River. (Start Mile: 6.74 End Mile: 0.00 Total Impaired Size: 6.74 Miles)

City / County in Planning Area: Page Co.

Impairment = Escherichia coli

Big Run

Location: Big Run from the headwaters downstream to its confluence with the South Fork Shenandoah River. (Start Mile: 5.4 End Mile: 0.00 Total Impaired Size: 5.4 Miles)

City / County in Planning Area: Page Co.

Impairment = Escherichia coli

Lake Arrowhead (No TMDL – due to natural conditions of lake stratification)

Location: Lake Arrowhead (Total Impaired Size: 36.07 Acres)

City / County in Planning Area: Page Co.

Impairment = Oxygen, Dissolved

Pass Run

Location: Pass Run from the headwaters downstream to its confluence with Hawksbill Creek. (Start Mile: 9.07 End Mile: 0.00 Total Impaired Size: 9.07 Miles)

City / County in Planning Area: Page Co.

Impairment = Escherichia coli

Hawksbill Creek

Location: Hawksbill Creek from the headwaters downstream to its confluence with the South Fork Shenandoah River. (Start Mile: 19.23 End Mile: 0.00 Total Impaired Size: 19.23 Miles)

City / County in Planning Area: Page Co.

Impairment = Escherichia coli

12 miles – temperature impairment

East Hawksbill Creek

Location: East Hawksbill Creek from the headwaters downstream to its confluence with Hawksbill Creek. (Start Mile: 9.13 End Mile: 0.00 Total Impaired Size: 9.13 Miles)

City / County in Planning Area: Page Co.

Impairment = Escherichia coli, Benthic-Macroinvertebrate Bioassessments

Rocky Branch

Location: Rocky Branch from the headwaters downstream to its confluence with Pass Run. (Start Mile: 4.18 End Mile: 0.00 Total Impaired Size: 4.18 Miles)

City / County in Planning Area: Page Co.

Impairment = pH

Jeremys Run

Location: Jeremys Run from the headwaters downstream to its confluence with the South Fork Shenandoah River. (Start Mile: 10.94 End Mile: 0.00 Total Impaired Size: 10.94 Miles)

City / County in Planning Area: Page Co.

Impairment = pH

South River/South Fork Shenandoah River/North Fork Shenandoah River/Shenandoah River

Location: South River from the INVISTA discharge downstream (inclusive of the entire South Fork Shenandoah River and North Fork Shenandoah River from its confluence with Passage Creek downstream to its confluence with the South Fork Shenandoah River) to the Shenandoah River's confluence with Craig Run. (Start Mile: 163.27 End Mile: 8.16 Total Impaired Size: 155.11Miles)

City / County in Planning Area: Page Co., Warren County

Impairment = Mercury

South Fork Shenandoah River

Location: South Fork Shenandoah River from its confluence with North and South Rivers downstream to its confluence with Hawksbill Creek. (Start Mile: 100.97 End Mile: 41.98 Total Impaired Size: 58.99 Miles)

City / County in Planning Area: Page Co.

Impairment = Escherichia coli

Location: South Fork Shenandoah River from its confluence with North and South Rivers downstream to its confluence with Hawksbill Creek. (Start Mile: 100.97 End Mile: 41.98 Total Impaired Size: 58.99 Miles)

For Impairment = Benthic-Macroinvertebrate Bioassessments

Cedar Creek

Location: Cedar Creek from its confluence with Fall Run downstream to its confluence with Stickley Run. (Start Mile: 17.87 End Mile: 3.68 Total Impaired Size: 14.19 Miles)

City / County in Planning Area: Frederick Co., Shenandoah Co.

Impairment = Escherichia coli

Crooked Run

Location: Crooked Run excluding the tributary feeding the east arm of Lake Frederick from the headwaters downstream to its confluence with the Shenandoah River. (Start Mile: 8.87 End Mile: 0.00 Total Impaired Size: 8.87 Miles)

City / County in Planning Area: Frederick Co., Warren Co.

Impairment = Escherichia coli, Dissolved Oxygen

Stephens Run

Location: Stephens Run from an unnamed tributary .95 miles upstream of Crooked Run downstream to its confluence with Crooked Run. (Start Mile: .95 End Mile: 0.00 Total Impaired Size: .95 Miles)

City / County in Planning Area: Frederick Co.

Impairment = Oxygen, Dissolved

Little Isaacs Creek

Location: Little Isaacs Creek from the Timber Ridge School STP downstream (including an unnamed tributary originating near Reynolds Store) to its confluence with Isaacs Creek. (Start Mile: 9.53 End Mile: 0.00 Total Impaired Size: 9.93 Miles)

City / County in Planning Area: Frederick Co.

Impairment = Escherichia coli

Hogue Creek

Location: Hogue Creek from the headwaters downstream to its confluence with Back Creek. (Start Mile: 16.76 End Mile: 0.00 Total Impaired Size: 16.76 Miles)

City / County in Planning Area: Frederick Co.

Impairments = Escherichia coli, Temperature

Babbs Run

Location: Babbs Run from the headwaters downstream to its confluence with Back Creek. (Start Mile: 11.46 End Mile: 0.00 Total Impaired Size: 11.46 Miles)

City / County in Planning Area: Frederick Co.

Impairment = Fecal Coliform

Opequon Creek

Location: Opequon Creek and its tributaries from the headwaters downstream to its confluence with Abrams Creek. (Start Mile: 57.47 End Mile: 32.66 Total Impaired Size: 24.81 Miles)

City / County in Planning Area: Frederick Co.

Impairment = Escherichia coli

Abrams Creek

Location: Abrams Creek from the headwaters downstream to its confluence with Opequon Creek. (Start Mile: 10.8 End Mile: 0.00 Total Impaired Size: 10.8 Miles)

City / County in Planning Area: Frederick Co.

Impairment = Escherichia coli, Benthic-Macroinvertebrate Bioassessments

Opequon Creek

Location: Opequon Creek from its confluence with Abrams Creek downstream to the VA/WV state line. (Start Mile: 32.66 End Mile: 23.56 Total Impaired Size: 9.1Miles)

City / County in Planning Area: Frederick Co.

Impairment = Escherichia coli, Benthic-Macroinvertebrate Bioassessments

Lick Run

Location: Lick Run (also known as Hiatt Run) from its headwaters downstream to its confluence with Opequon Creek. (Start Mile: 8.85 End Mile: 0.00 Total Impaired Size: 8.85 Miles)

City / County in Planning Area: Frederick Co.

Impairment = Escherichia coli

Redbud Run

Location: Redbud Run and tributary from the headwaters downstream to its confluence with Opequon Creek. (Start Mile: 8.05 End Mile: 0.00 Total Impaired Size: 8.05 Miles)

City / County in Planning Area: Frederick Co.

Impairments = Escherichia coli, Benthic-Macroinvertebrate Bioassessments

South River/South Fork Shenandoah River/North Fork Shenandoah River/Shenandoah River

Location: South River from the INVISTA discharge downstream (inclusive of the entire South Fork Shenandoah River and North Fork Shenandoah River from its confluence with Passage Creek downstream to its confluence with the South Fork Shenandoah River) to the Shenandoah River's confluence with Craig Run. (Start Mile: 163.27 End Mile: 8.16 Total Impaired Size: 155.11 Miles)

City / County in Planning Area: Page Co., Clarke Co., Warren Co.

Impairment = Mercury

South Fork Shenandoah River/North Fork Shenandoah River/Shenandoah River

Location: South Fork Shenandoah River from the Rivermont Drive Bridge downstream to the VA/WV state line on the Shenandoah River (inclusive of the North Fork Shenandoah River from its confluence with Passage Creek downstream to its confluence with the South Fork Shenandoah River). (Start Mile: 51.10 End Mile: 0.00 Total Impaired Size: 51.10 Miles)

City / County in Planning Area: Clarke Co. Warren Co.

Impairment = PCB

Happy Creek

Location: Happy Creek from the headwaters downstream to its confluence with the South Fork Shenandoah River. (Start Mile: 8.42 End Mile: 0.00 Total Impaired Size: 8.42 Miles)

City / County in Planning Area: Warren Co.

Impairment = Benthic-Macroinvertebrate Bioassessments

Holmans Creek

Location: Holmans Creek from the headwaters downstream to its confluence with the North Fork Shenandoah River. (Start Mile: 10.42 End Mile: 0.00 Total Impaired Size: 10.42 Miles)

City / County in Planning Area: Shenandoah Co.

Impairment = Escherichia coli, Benthic-Macroinvertebrate

North Fork Shenandoah River

Location: North Fork Shenandoah River from its confluence with Turley Creek downstream to its confluence with Stony Creek. (Start Mile: 92.61 End Mile: 60.75 Total Impaired Size: 31.86 Miles)

City / County in Planning Area: Shenandoah Co.

Impairment = Escherichia coli, Benthic-Macroinvertebrate

Mountain Run/Smith Creek/War Branch

Location: Mountain Run from the headwaters downstream to its confluence with Smith Creek; Smith Creek from the headwaters downstream to its confluence with the North Fork Shenandoah River; War Branch from the headwaters downstream to its confluence with Smith Creek. (Start Mile: 5.98, 33.83, 6.81 End Mile: 0.00, 0.00, 0.00 Total Impaired Size: 5.98 Miles, 33.83 Miles, 6.81 Miles)

City / County in Planning Area: Shenandoah Co.

Impairment = Escherichia coli

Smith Creek

Location: Smith Creek from the Shenandoah Fisheries outfall downstream to its confluence with the North Fork Shenandoah River. (Start Mile: 25.19 End Mile: 0.00 Total Impaired Size: 25.19 Miles)

City / County in Planning Area: Shenandoah Co.

Impairment = Benthic-Macroinvertebrate Bioassessments

Mill Creek

Location: Mill Creek from the headwaters downstream to its confluence with the North Fork Shenandoah River.
(Start Mile: 15 End Mile: 0.00 Total Impaired Size: 15 Miles)

City / County in Planning Area: Shenandoah Co.

Impairment = Fecal Coliform, Benthic-Macroinvertebrate Bioassessments

Crooked Run

Location: Crooked Run from the headwaters downstream to its confluence with Mill Creek. (Start Mile: 3.89
End Mile: 0.00 Total Impaired Size: 3.89 Miles)

City / County in Planning Area: Shenandoah Co.

Impairment = Benthic-Macroinvertebrate Bioassessments

Stoney Creek

Location: Stony Creek from its confluence with Foltz Creek downstream to its confluence with the North Fork Shenandoah River. (Start Mile: 17.04 End Mile: 0.00 Total Impaired Size: 17.04 Miles)

City / County in Planning Area: Shenandoah Co.

Impairment = Escherichia coli

Impairment = Benthic-Macroinvertebrate Bioassessments - Stony Creek from the Georges Chicken discharge downstream to its confluence with the North Fork Shenandoah River.

(Start Mile: 5.76 End Mile: 0.00 Total Impaired Size: 5.76 Miles)

Laurel Run

Location: Laurel Run from its confluence with an unnamed tributary near USFS Road 252 downstream to its confluence with Stony Creek. (Start Mile: 3.72 End Mile: 0.00 Total Impaired Size: 3.72 Miles)

City / County in Planning Area: Shenandoah Co.

Impairment = Benthic-Macroinvertebrate Bioassessments

Little Stony Creek

Location: Little Stony Creek from the headwaters downstream to its confluence with an unnamed tributary near USFS Road 92. (Start Mile: 3.24 End Mile: 0.00 Total Impaired Size: 3.24 Miles)

City / County in Planning Area: Shenandoah Co.

Impairment = Benthic-Macroinvertebrate Bioassessments

Stony Creek

Location: Stony Creek from the headwaters downstream to its confluence with Foltz Creek. (Start Mile: 26.49
End Mile: 17.04 Total Impaired Size: 9.45 Miles)

City / County in Planning Area: Shenandoah Co.

Impairment = Temperature

Toms Brook

Location: Toms Brook from the headwaters downstream to its confluence with the North Fork Shenandoah River. (Start Mile: 7.18 End Mile: 0.00 Total Impaired Size: 7.18 Miles)

City / County in Planning Area: Shenandoah Co.

Impairments = Benthic-Macroinvertebrate Bioassessments

Narrow Passage Creek

Location: Narrow Passage Creek from the headwaters downstream to its confluence with the North Fork Shenandoah River. (Start Mile: 10.75 End Mile: 0.00 Total Impaired Size: 10.75 Miles)

City / County in Planning Area: Shenandoah Co.

Impairments = Escherichia coli

Pughs Run

Location: Pughs Run from the headwaters downstream to its confluence with the North Fork Shenandoah River. (Start Mile: 5.86 End Mile: 0.00 Total Impaired Size: 5.86 Miles)

City / County in Planning Area: Shenandoah Co.

Impairments = Escherichia coli

Tumbling Run

Location: Tumbling Run from the headwaters downstream to the 5 mile upper limit of the PWS designation for the Strasburg Public Water Intake. (Start Mile: 5.05 End Mile: .9 Total Impaired Size: 4.15 Miles)

City / County in Planning Area: Shenandoah Co.

Impairments = Escherichia coli

North Fork Shenandoah River

Location: North Fork Shenandoah River from its confluence with Passage Creek downstream to its confluence with the South Fork Shenandoah River. (Start Mile: 5.29 End Mile: 0.00 Total Impaired Size: 5.29 Miles)

City / County in Planning Area: Warren Co.

Impairment = Escherichia coli

Orndorff Spring Branch

Location: Orndorff Spring Branch from the spring downstream to its confluence with Cedar Creek. (Start Mile: .23 End Mile: 0.00 Total Impaired Size: .23 Miles)

City / County in Planning Area: Shenandoah Co.

Impairment = Benthic-Macroinvertebrate Bioassessments

Cedar Creek

Location: Cedar Creek from the headwaters downstream to a spring branch near Van Buren Furnace (Start Mile 21.07 End Mile 18.54 Total Impaired Area: 2.53 Miles)

City / County in Planning Area: Shenandoah Co.

Impairment = Benthic-Macroinvertebrate Bioassessments

Cedar Creek

Location: Cedar Creek from its confluence with Fall Run downstream to its confluence with Stickley Run. (Start Mile: 17.87 End Mile:3.68 Total Impaired Size: 14.19 Miles)

City / County in Planning Area: Frederick Co. Shenandoah Co.

Impairment = Escherichia coli

Passage Creek

Location: Passage Creek from its confluence with Peters Mill Run downstream to its confluence with the North Fork Shenandoah River. (Start Mile:18.47 End Mile: 0.00 Total Impaired Size: 18.47 Miles)

City / County in Planning Area: Shenandoah Co.

Shenandoah Co. Warren Co.

Impairment = Escherichia coli

Manassas Run

Location: Manassas Run from the headwaters downstream to its confluence with the Shenandoah River. (Start Mile: 9.15 End Mile: 0.00 Total Impaired Size: 9.15 Miles)

City / County in Planning Area: Warren Co.

Impairment = Fecal Coliform

Borden Marsh Run

Location: Borden Marsh Run and tributaries from the headwaters downstream to its confluence with the Shenandoah River. (Start Mile: 9.46 End Mile: 0.00 Total Impaired Size: 9.46 Miles)

City / County in Planning Area: Clarke Co., Warren Co.

Impairment = Escherichia coli

Willow Brook

Location: Willow Brook from the headwaters downstream to its confluence with the Shenandoah River. (Start Mile: 3.95 End Mile: 0.00 Total Impaired Size: 3.95 Miles)

City / County in Planning Area: Warren Co.

Impairment = Escherichia coli

Crooked Run

Location: Crooked Run excluding the tributary feeding the east arm of Lake Frederick from the headwaters downstream to its confluence with the Shenandoah River. (Start Mile: 8.87 End Mile: 0.00 Total Impaired Size: 8.87 Miles)

City / County in Planning Area: Frederick Co., Warren Co.

Impairment = Escherichia coli

Crooked Run

Location: Crooked Run excluding the tributary feeding the east arm of Lake Frederick from the headwaters downstream to its confluence with the Shenandoah River. (Start Mile: 8.87 End Mile: 0.00 Total Impaired Size: 8.87 Miles)

City / County in Planning Area: Frederick Co., Warren Co.

Impairment = Oxygen, Dissolved

Stephens Run

Location: Stephens Run from an unnamed tributary .95 miles upstream of Crooked Run downstream to its confluence with Crooked Run. (Start Mile: .95 End Mile: 0.00 Total Impaired Size: .95 Miles)

City / County in Planning Area: Frederick Co.

Impairment = Oxygen, Dissolved

Crooked Run X-trib

Location: Crooked Run X-trib from the headwaters downstream to its confluence with Crooked Run. (Start Mile: .09 End Mile: 0.00 Total Impaired Size: .09 Miles)

City / County in Planning Area: Warren Co.

Impairment = Oxygen, Dissolved

Page Brook Run/Spout Run

Location: Page Brook Run from the headwaters downstream to its confluence with Roseville Run; Spout Run from its confluence with Page Brook Run downstream to its confluence with the Shenandoah River. (Start Mile: 8.78, 3.70 End Mile: 0.00, 0.00 Total Impaired Size: 8.78 Miles, 3.70 Miles)

City / County in Planning Area: Clarke Co.

Impairment = Fecal Coliform

Spout Run

Location: Spout Run from its confluence with Page Brook Run downstream to its confluence with the Shenandoah River. (Start Mile: 3.70 End Mile: 0.00 Total Impaired Size: 3.70 Miles)

City / County in Planning Area: Clarke Co.

Impairment = Benthic-Macroinvertebrate Bioassessments

Long Branch

Location: Long Branch from the headwaters downstream to its confluence with the Shenandoah River. (Start Mile: 3.63 End Mile: 0.00 Total Impaired Size: 3.63 Miles)

City / County in Planning Area: Clarke Co.

Impairment = Escherichia coli

Chapel Run

Location: Chapel Run and tributaries from the headwaters downstream to its confluence with the Shenandoah River. (Start Mile: 9.44 End Mile: 0.00 Total Impaired Size: 9.44 Miles)

City / County in Planning Area: Clarke Co.

Impairment = Escherichia coli

Chapel Run

Location: Chapel Run and tributaries from the headwaters downstream to its confluence with the Shenandoah River. (Start Mile: 9.44 End Mile: 0.00 Total Impaired Size: 9.44 Miles)

City / County in Planning Area: Clarke Co.

Impairment = Benthic-Macroinvertebrate Bioassessments

Dog Run

Location: Dog Run from the headwaters downstream to its confluence with the Shenandoah River. (Start Mile: 4.80 End Mile: 0.00 Total Impaired Size: 4.80 Miles)

City / County in Planning Area: Clarke Co.

Impairment = Escherichia coli

Wheat Spring Branch

Location: Wheat Spring Branch from the headwaters downstream to its confluence with the Shenandoah River. (Start Mile: 4.31 End Mile: 0.00 Total Impaired Size: 4.31 Miles)

City / County in Planning Area: Clarke Co.

Impairment = Escherichia coli

Reference – State Water Control Board

http://townhall.virginia.gov/L/GetFile.cfm?File=E:\townhall\docroot\103\1593\2876\Text_DEQ_2876_v2.pdf

4.11 Point Source Discharges

Significant point sources of discharges into the Shenandoah River include permitted activities through the DEQ Virginia Pollutant Discharge Elimination System (VPDES) permit program and the three sanitary landfills located in planning area. The landfills are located in Page County (serving Page and Warren Counties), Frederick County (serving Frederick and Clarke Counties and the City of Winchester), and Shenandoah County. DEQ maintains a list of all "major" dischargers, a distinction based on discharge quantity and content.

DEQ administers the VPDES permit program, under the State Water Control Law [9 VAC 25-31](#) as mandated by Section 402 of the Clean Water Act. Other point source discharges are administered through the EPA's Phase 1 (11/16/90) and Phase 2 (12/8/99) storm water regulations, and pending Virginia stormwater regulations to be managed by both DCR and the DEQ.

4.12 Potential Threats to Water Quantity and Quality

As stated earlier, the two legacy contaminants in the soils of the Shenandoah River include mercury and PCB contamination. In early December 2009, the U.S. Geological Survey released a report summarizing contaminated riverbank and floodplain soils as the main source of mercury found in fish in several Shenandoah Valley rivers. The study found that 96 percent of the mercury loads to the South River, a tributary of the Shenandoah River's South Fork, are from soil that was contaminated between 1929 and 1950 by a textile manufacturing plant in Waynesboro, Va.

The discharged mercury waste contaminated the South River and eventually the South Fork of the Shenandoah River, the Shenandoah River and the floodplains along all three rivers. In the report, USGS estimates that about 416 pounds of mercury get into the South River annually.

Non-point sources of pollution pose a threat to water quality including urban sprawl and associated runoff. In addition, agriculture, a predominant land use throughout the planning area poses threats to water quality with runoff, livestock in rivers, and use of fertilizers, pesticides, and herbicides. Deforestation is another land use in the area that threatens to adversely impact adjacent streams and their quality of water.

Another potential threat to groundwater quality in the region is significant petro release sites. DEQ maintains a database from data gathered during monitoring of these significant petro release sites. Various remediation measures have been implemented including no action to pump-out abatement with extensive monitoring of plume and substitution of water supplies for potentially contaminated wells surrounding petroleum release sites. Per DEQ's database, the larger petro release sites in the planning region include:

Page County – Hope Mills Country Store

Clarke County – White Post, south of Boyce (remediated)

Frederick County – Flying J truck stop

Warren County – Northern Virginia 4H Center

Shenandoah County – Shenandoah Caverns Shell; Sheetz 701 Truck Stop; Hamburg Store; Conicville; Borden's Auto Parts; Walker's Cash Grocery; Emmart Oil Bulk Plant; Loves Truck Stop; Wilcohen's Travel Plaza; Holsinger Brother's Exxon; and Holsinger Chevron.

Above ground, and underground storage tanks (ACTs and USTs) listed in DEQ database indicate numerous storage tanks within the planning area. If the integrity of the storage tank is compromised, threats to water quality may result. Proposed development in all counties can adversely impact future water quantity through increased demand. For example, the proposed Cloverbud projects in Page County that include industrial as well as secondary residential infrastructure expansions, may impact

water quality and quantity. Efforts will be taken to adhere to state and local regulations during construction and maintenance to minimize impacts posed to the quality of receiving water bodies.

Another threat to water quality is the potential for hydrofracking for natural gas in the planning region. Although the Marcellus shale within the planning area is not as productive in natural gas as areas to the west and south, the proximity to the Tennessee Valley Transmission Main pipeline makes tapping into local gas wells attractive. The Marcellus areas in the Northern Shenandoah Valley are primarily located within the western portion of Frederick and Shenandoah Counties. Permits for exploratory wells have been issued in these two counties but no exploratory drilling has occurred to date. In the event a permit is issued by the Virginia Department of Mines, Mineral and Energy for a natural gas well site, the planning commission will work closely with the locality to develop ordinances to help protect water quality and quantity.

Land application of Biosolids to grounds, especially where karst geology exists, poses adverse impacts to water quality. This is particular concern as a threat to water quality in Shenandoah County.

5.0 Projected Water Demand

Future water demand projections were projected for community water sources and small self supplied wells in the Northern Shenandoah Valley planning region based on population forecasts. Future large self supplied water use is estimated and presented in this section. Disaggregated water use by community system is presented as data was available. It is noted that at the time of preparation of this regional Water Supply Plan, some disaggregated water use data was not available for all jurisdictions and therefore was not presented in this Plan.

5.1 Population Data

The technical water supply advisory committee selected to look at a thirty year planning horizon for the water supply plan. The 2010 U.S. Census data became available for use during the preparation of this Northern Shenandoah Valley Regional Water Supply Plan and were included in the calculations. Therefore, the 30 year planning horizon was estimated from 2010 projections using the most current growth data available to 2040. The population is presented by decades for the region. The 2020 and 2030 County population projections were available from the Virginia Employment Commission data (Weldon Cooper Institute, University of Virginia). For the City of Winchester and five counties of Clarke, Frederick, Page, Shenandoah, and Warren, the future population was calculated using a scatter plot of Census data for each locality for 2000 and 2010, Virginia Employment Commission projection for 2020 and 2030 and a straight line projected out to 2040. The Northern Shenandoah Valley Regional Planning Commission staff met with each County and respective Town(s) and the City of Winchester to best determine projected growth corridors and future population projections to allocate County population growth into the Towns. The projected growth corridors and future service areas were also discussed. The projections in the table below reflect the population projections assessed from discussions with the localities. Below is a table of population projections for each jurisdiction in the planning region.

NSRVC Water Supply Plan: Population & Projections

County/Town	Decennial Census Count					Projected Population*			% County Population		Avg. % of County Population 2000-2010
	1970	1980	1990	2000	2010	2020	2030	2040^	2000	2010	
30 Year Actual Trends Clarke Co. Total	8,102	9,965	12,101	12,652	14,034	15,760	17,699	19,876			
30 Year Actual Trends Clarke Co. Rural		7,812	8,484	9,263	9,260	9,816	10,405	11,029			
						VEC Projection of County population for Town Projections					
<i>Berryville</i>				2,963	4,185	4,877	5,651	6,928			26.6% of VEC Co projection
<i>Boyce</i>				426	589	693	803	984			3.8% of VEC Co projection
Frederick County	28,893	34,150	45,723	59,209	78,305	95,648	114,539	142,853			
<i>Middletown</i>				1,015	1,265	1,626	1,947	2,428	1.70%	1.60%	1.70%
<i>Stephens City (Town)</i>				1,146	1,829	2,009	2,405	3,000	1.90%	2.30%	2.10%
Page County	16,581	19,401	21,690	23,177	24,042	25,659	27,038	28,539			
<i>Luray</i>				4,871	4,895	5,311	5,597	5,908	21.00%	20.40%	20.70%
<i>Shenandoah (Town)</i>				1,878	2,373	2,309	2,433	2,568	8.10%	9.90%	9.00%
<i>Stanley</i>				1,326	1,689	1,642	1,730	1,826	5.70%	7.00%	6.40%
Shenandoah County	22,852	27,559	31,636	35,075	41,993	49,427	56,927	66,906			
<i>Edinburg</i>				813	1,041	1,186	1,366	1,606	2.30%	2.50%	2.40%
<i>Mount Jackson</i>				1,664	1,994	2,323	2,676	3,145	4.70%	4.70%	4.70%
<i>New Market</i>				1,637	2,146	2,422	2,789	3,278	4.70%	5.10%	4.90%
<i>Strasburg</i>				4,017	6,398	7,573	8,963	10,609	11.50%	15.20%	13.40%

<i>Toms Brook</i>				255	258	345	398	468	0.70%	0.60%	0.70%
<i>Woodstock</i>				3,952	5,097	5,783	6,660	7,828	11.30%	12.10%	11.70%
Warren County	15,301	21,200	26,142	31,584	37,575	45,722	53,092	65,143			
<i>Front Royal</i>				13,589	14,440	16,069	17,543	19,954	20.00%		
Winchester (City)	14,643	20,210	21,947	23,585	26,203	29,339	32,485	36,571			

Region (Total)	106,372	132,485	159,239	185,282	222,152	264,115	305,311	366,039			
-----------------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	----------------	--	--	--

Notes:

*Projected using US Census 1970-2010 and Virginia Employment Commission (2020, 2030) for extrapolated straightline projection from 2000 to 2030. The population projections in this table were based on Virginia Employment Commission projections developed before the 2010 Census data was released and reflects higher growth trends from the middle of the past decade.

^2040 population estimated using % change 2000 to 2030

Population estimates for Mount Jackson, New Market, Strasburg and Woodstock in Shenandoah County include an additional 20% projected future growth rate increase

Front Royal (1) Assumes 20% of the County population resides within the town

Front Royal (2) assumes trend of average % of county population 2000-2010

5.2 Projected Water Demand

The projected population presented in 5.1, above, forms the basis for the residential water consumption rates. Municipalities served by public and private community water systems were estimated to remain at the same capacity. Future population increases were compared to existing infrastructure of the public and private community water systems. It should be noted that improvements to existing infrastructure could often increase the yield of water supply available to consumers. As localities upgrade their systems, the northern Shenandoah Valley Regional Water Supply Plan will be revised to include increases in water supplies.

The community water systems that supply each jurisdiction also supply total demand in other water uses in addition to residential consumption. When available, water use was provided in separate disaggregated categories reflecting use and demand in areas of residential, commercial (institutional and light industrial), heavy industrial, water used in production processes, unaccounted for water losses, sales to other community water systems/localities, and other. In the future, a locality may choose to project

the water demand for the nonresidential uses (commercial, light industrial, heavy industrial, production processes, unaccounted for losses, sales, etc.) by applying the annual average percent change in employment from 2000 to 2010 to the current demand for each category.

Peak monthly demand was evaluated when looking at the projected water demands. When a locality did not provide a peak monthly demand, a peaking factor of 1.5 was assumed, except in a few cases, where noted as 1.2.

The goal of this section of the Plan is to forecast populations and water use to 2040 and identify water deficits or surpluses. Water deficits or surpluses identified herein are preliminary based on best available information to date. It should be noted that the mandated Virginia Code requires this Plan to be reviewed every five years; and updated and resubmitted to Virginia Department of Environmental Quality and the State Water Control Board every ten years. In this review and update process, deficits and surpluses will be revised based on most recent population projections, development patterns, and water conservation actions employed by localities.

Data collection included population projections and employment estimates from Weldon-Cooper, the Virginia Employment Commission, and Virginia Economic Development Partnership. In addition, data for growth and development was compiled from the annual Northern Shenandoah Valley Regional Housing Report, Comprehensive plans, and economic development projections. Where locality-specific information was detailed, it was substituted for the Weldon-Cooper statistical estimates of population. In this section of the Plan, water demand projections are forecasted for a 32 year time horizon to 2040. Population figures extending beyond 2020 are less confident than those forecasts from present to 2010; however, these will be revised during the periodic Plan updates.

Water demands presented per County include three broad categories: community water systems, small Self-Supplied users, and large Self-Supplied (agricultural and nonagricultural) water users. Community water systems include water provided to localities as well as non-municipalities. A public community water system serves at least 15 residential connections or at least 25 individuals. Average daily water use calculations for the community water systems for Clarke and other localities in this report were based on 2008 data presented in 80 B1-B3 of the Source/Use spreadsheet on the nsvrc.virginia.gov website.

The use of small self-supplied groundwater wells using less than 300,000 gallons a month constitute those residents with private wells. These water users are anticipated to increase as the population of rural areas in each County are developed. The future water use of large self-supplied users and nonmunicipal community water systems were anticipated to remain static. Future water demand was calculated by increasing the residential municipal community water use, increasing a given percent from previous decade, per the Virginia Employment Commission. For example, if the population increased

11.66% between 2020 and 2030; then the 2020 demand was multiplied by 11.66% and added to the 2020 demand to calculate the 2030 demand. This demand estimation process was applied for calculating all localities.

Water demand projections for large nonagricultural Self-Supplied water (for both surface water and groundwater sources) are incomplete due to data gaps from some of the large nonagricultural Self-Supplied users reported in Sections 2.0 and 3.0 of this Plan. The agricultural large Self-Supplied water use projections are expected remain the same as the 2008 numbers, until additional data is provided to quantify this use.

5.3 Employment Data and Analysis

Additional characterization of water use for each locality included evaluation of current and likely future commercial, industrial, and manufacturing large water consumers. According to the Virginia Employment Commission, the top employers in the Northern Shenandoah Valley are listed below. These top employers are anticipated to continue to grow and be top water users throughout the planning period to 2040 (per Virginia Employment Commission).

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

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.

5.4 Assumptions:

- Extrapolation of population to 2040 from 2000-2030
- Town water use as a percentage of overall County water use
- Locality projections include recent Comp Plans and developments
- Small Self-Supplied business water use remains static 2008-2040 (golf course)
- Per capita water use is 75 gallons a day for self supplied wells and 125 gpd for public and private community water systems

Population data available through Weldon-Cooper and the Virginia Employment Commission estimate to 2030; therefore, population projections to 2040 were calculated by extrapolating the slope of the linear population projections from 2000 to 2030 to the outyear of 2040. The Virginia Employment Commission projections were developed before the 2010 Census data was released and reflects higher growth trends from the middle of the past decade in 2005 and 2006. The second assumption, allocation of County water use to Towns, was based on individual meetings with each County and respective Town(s) where Comprehensive Plans and infrastructure needs were reviewed. Jurisdictional populations were allocated to each Town within a County based on assumptions documented during the locality meetings.

For individual jurisdictions, the population projections vary accordingly based on geographic size and its development with many of the jurisdictions defined as rural with more open spaces and less population density. The third assumption addresses locality projections readjusted to reflect the most recent County Comprehensive Plans addressing planned development and amenities.

An additional assumption was the demand usage of water. It was assumed that the small self-supplied business users would remain fixed, such that a golf course in Warren County would not expand in size nor use additional water in the future than what it currently used in 2008. Water per capita was estimated for on private wells at 75 gpd. Water use for those served by community water systems was estimated to be 125 gpd per person. This consumption estimate corroborates with the U.S. Geological Survey's average water daily consumptive calculations.

5.5 City of Winchester

The average daily demand for residents is anticipated to increase 42.4% by 2040 from 1.55 MGD in 2008 to 2.21 MGD in 2040. The commercial / industrial use is expected to increase at a similar rate of 42.4% increasing the demand of 2.2 MGD in 2008 to 3.13 MGD in 2040. The sales of water to Middletown and Frederick County Sanitation Authority are anticipated to remain constant throughout the planning time period to 2040 with 0.2 MGD to Middletown and 1.9 MGD to Frederick County. The unaccounted for water loss of 1.85 MGD is expected to decrease in the future with improvements made to the antiquated distribution system dropping the loss by 10% to 1.67 MGD in 2040. The total average daily water use in 2008 was 7.70 MGD. The average daily water use in 2040 is expected to be 9.11 MGD. The water use and estimated water demand for the City of Winchester's public community water system is disaggregated in the table below for 2008 and 2040.

Water System Name	System Total (MGD)	Residential (MGD)	Commercial Institutional Light Industrial (MGD)	Unaccounted for Losses (MGD)	Water Sold	
					Amount Sold (MGD)	System Name

2008 Winchester City	7.7	1.55	2.20	1.85	2.11	FCSA and Middletown
2040 Winchester City	9.11	2.21	3.13	1.67	2.11	FCSA and Middletown

The City of Winchester has two water sources (river intake and a spring) with a combined maximum capacity of 15 MGD. The future growth scenarios increase the demand to 9.11 MGD. This demand can be met by the existing sources, with an estimated 5.9 MGD surplus in water supply, as presented below. Improvements to water structure will result in additional source water (Virginia Department of Health engineering report). The City anticipates experiencing a 42.4% demand increase between 2008 and 2040 and a 10% decrease in unaccounted for losses based on infrastructure repairs currently planned.

Winchester Supply Source	Maximum Source Capacity (MGD)
NF Shenandoah River	14
Faye Spring	1
Total Available Capacity 2008 – 2040	15

5.6 Clarke County, Towns of Berryville and Boyce:

In Clarke County the sources for municipal community water systems include a surface water stream intake on the Shenandoah River mainstem for the Town of Berryville and the Clarke County Sanitation Authority withdrawal from Prospect Hill Spring for the Town of Boyce and some Clarke County residents. There are three nonmunicipal residential community water systems using groundwater: Grafton School, the Retreat, and River Park. It is assumed that the nonmunicipal community water systems use will remain static with an average daily total demand of 151,840 gpd in 2040.

Clarke County's Self-Supplied users for nonagricultural demand in 2008 included the Federal Emergency Management Agency and Berryville Graphics. The three large Self-Supplied users that demand water for agriculture include White Post Dairy, Ivy Hill Farm, and Moore & Dorsey. Small Self-Supplied users using less than 300,000 gallons a month include residences and small businesses on individual wells. In 2008 this was estimated 46 residences in the County of Clarke multiplied by a factor of 2.5 persons per household using 75 gpd or 0.009 MGD. The small businesses in Clarke County using private wells were estimated. All Self-Supplied users and nonmunicipal community water systems were anticipated to remain static. Future water demand was calculated by increasing the residential municipal community water use, increasing a given percent from previous decade, per the Virginia Employment Commission.

Clarke County estimates of water use for populations not serviced by community water systems are reflected in the demand figures. In summary, the existing and projected water demand for Clarke County is as follows:

Year	Estimated Daily Average Demand	Estimated Peak Demand (MGD) (1.2)	Gallons/Person/Day	VDH Permitted Capacity MGD
2008	0.073	0.088	132	0.18
2010	0.078	0.094		
2020	0.091	0.109		
2030	0.106	0.127		
2040	0.13	0.156		

Town of Berryville:

Berryville will meet future projected water needs through 2040 based on uses presented below. The average daily use in 2040 is 80% of the existing permitted capacity. Water use on peak days between 2010 and 2020 will exceed 80% of the existing permitted capacity. The VDH requires localities to seek expansion of water sources or identify alternative water supplies when their water use reaches 80% of existing permitted water capacity. Since the Town of Berryville's projected peak water use in 2040 exceeds the current VDH permitted capacity of water, a new permit may be necessary for increased water withdrawal. However, implementation of water conservation techniques may decrease water use by up to 20% decreasing demands on future peak days.

The 2008 Town of Berryville disaggregated community water system use is presented in the table below.

Water System Name	System Total (MGD)	Residential (MGD)	Commercial Institutional Light Industrial (MGD)	Heavy industrial (MGD)	Unaccounted for Losses	Production Processes (MGD)
Berryville Town	0.342	0.196	0.089	0.000	0.049	0.015

There is no small groundwater use in the Town of Berryville.

Town of Boyce (Clarke County Sanitation Authority):

The existing water supply for water for the Town of Boyce will meet future water demands to 2040 based on water uses projected below. The projected peak demand will exceed 80% of the existing VDH permitted capacity between 2030 and 2040. A peak factor of 1.2 was used to predict water use on peak days. If a peaking rate of 1.5 were used, the peak day water use by 2040 would not be met, although the average annual water demand for 2040 would be satisfied. The VDH requires a locality seek expansion of existing permitted water sources or alternative water supplies when 80 % of the existing capacity is reached. The Town of Boyce may consider decreasing their per capita water usage to reduce peak demands and / or investigate expanding existing water capacity. The current water use per capita

(gpcpd) is 131.79 gallons a day which is higher than the state average of 125 gpd. A decreased gpcpd/user would result in a decreased water demand.

5.7 Frederick County, Towns of Middletown and Stephens City:

In Frederick County there are two towns, both of which purchase water from another locality or entity. The Town of Middletown purchases water from the City of Winchester. The Frederick County Sanitation Authority provides water wholesale to the Town of Stephens City. In addition, Frederick County Sanitation Authority provides water to County residents located in the vicinity near the City of Winchester.

The sources of water distributed by the Frederick County Sanitation Authority include groundwater well, quarry water, and purchase from the City of Winchester, all of which is treated by the Sanitation Authority, stored in tanks as finished water, and served to residents of the Town of Stephens City and those in Frederick County on public water service. The quarries utilized by the Authority function as a supply source. A summary of 2008 and 2010 water use for those served by the Frederick County Sanitation Authority is summarized below.

Year	# Connections	Residential Connections	Residential Population (2.25 persons/house)	Residential Water Use (125 gpcd) MGD	Unaccounted losses MGD	Sales (Stephens City) MGD	Avg Annual Use MGD	Other Demands	Demand MGD
2008	13,018	12,518	28,166	2.15	0.390	0.140		2.840	5.520
2010	13,520	12,977	29,198	1.850	0.330	0.120	4.430	2.430	4.730

It is interesting to note that the demand for water between 2008 and 2010 decreased. This decrease is consistent with trends noted in the American Water Works Association and is likely reflective of the economy with residents conserving water to lower monthly bills. Estimates of future water demand for those serviced by the Frederick County Sanitation Authority include residential water demand, commercial demand, sales to Stephens City, and unaccounted for losses. Several assumptions were made including the demand by commercial light industrial users and will remain the same from 2008 through 2040. The quantity of water to be sold to Stephens City will remain the same from 2008 through 2040, and the unaccounted for system losses will remain the same from 2010 through 2040, assuming appliance efficiency and distribution upgrades occur. The projected number of residents to be serviced by the Frederick County Sanitation Authority was assumed to remain proportionate to the overall County population from 2008 and 2010. If the Sanitation Authority service area increases based on the projections below and the assumptions of water loss, sales, and commercial demand remain static, the Sanitation Authority demands projected through 2040 are as follows.

	County Population	Residents on FCSA	Projected Demand to FSCA Residents (125 gal/day/person) MGD	Unaccounted losses MGD	Sales (Stephens City) MGD	Commercial /Other Demands	Total Estimated Demand
2008	73769	28,166	2.15	0.39	0.14	2.84	5.52
2010	78,305	29,198	1.850	0.33	0.12	2.43	4.73
2020	95,648	36,230	4.529	0.33	0.14	2.84	7.83
2030	114,539	43,386	5.423	0.33	0.14	2.84	8.733
2040	142,853	54,111	6.764	0.33	0.14	2.84	10.074

The VDH permitted design capacity for the quarries supplying Frederick County Sanitation Authority is 4.93 million gallons per day (MGD). The Bartonsville well site has an average daily source capacity of 0.5 MGD totaling 5.42 MGD capacity. The Frederick County Sanitation Authority also purchases up to 2 MGD from the City of Winchester. Therefore, the sum total of existing water available to Frederick County Sanitation Authority is 7.92 MGD. Based on an available current supply of 7.92 MGD, a deficit of water in Frederick County is anticipated to occur between 2020 and 2030. If the Frederick County Sanitation Authority service area continues to serve the same percent of the County population as it increases over time, there will be a proportional increase in residents served by the Sanitation Authority. However, it should be noted that the Virginia Department of Health recommends that once a locality's water demand exceeds 80% of the source capacity, additional water should be secured. The water demand projected for 2020 is 7.83 MGD which exceeds 80% of the 7.92 source capacity. In order to meet its planning needs, Frederick County Sanitary Authority is continually looking at expanding its sources and other purveyors to meet the growing needs of their community.

Other water users in Frederick County not serviced by the Sanitation Authority were projected. These demands include those on groundwater wells, private community water systems (i.e., Lake Holiday Estates), and both agricultural and nonagricultural large self-supplied users of water. These are briefly summarized below.

Private Community Water Systems

The combined nonmunicipal private community water users in Frederick County served over 575 people and used an average of 0.333 MGD based on 80% of the system design capacity. This demand calculation was used since no data are available for actual water consumed. It is assumed that this demand will remain static throughout the planning horizon of 2040.

Small Self Supplied Groundwater Well Usage

An estimate of County residents that relies on individual groundwater wells assumed that the Sanitation Authority will remain providing water to an average 2.64% of the overall County population (based on 2008 and 2010 connections). The estimated number of those on groundwater wells was calculated based on the projected County populations minus those estimated to be served by Frederick County Sanitation Authority or those on private community water systems. An estimated 45,028 County residents were not serviced with community water systems in 2008 and obtain their water from individual groundwater wells. It is assumed the average water demand for well users is 75 gallons per day per person. Residents on groundwater were estimated as follows:

	Frederick County Population	Residents on FCSA (1)	Residents served by Private Community Water Systems	Estimated Small Self-Supplied Residents on Wells
2008	73769	28,166	575	45,028
2010	78,305	29,198	575	48,532
2020	95,648	36,230	575	58,843
2030	114,539	43,386	575	70,578
2040	142,853	54,111	575	88,167

1) Estimated FCSA users as 2.64 % of County residents for 2020-2040

Large Self-Supplied Users

The large Self-Supplied nonagricultural users' combined water use was 0.147 MGD in 2008. Large Self-Supplied agricultural users had a combined demand of 0.043 MGD in 2008. However, four of the six agricultural Self Supplied Users did not provide water use data in 2002, 2003, or 2008. Five small Self-Supplied businesses that use private water supplies (less than 300,000 gallons / month) met a business demand of 0.815 MGD. These small Self-Supplied users represent 0.067 MGD consumed in 2008. These demands are anticipated to remain the same throughout the planning period to 2040.

Town of Middletown:

The Town of Middletown is anticipated to use water at the rates projected below. Given those rates, the Town will need to look for sources of water by 2030 to meet the demand that will exceed the existing water purchase contract with the City of Winchester. The existing water contract for Middletown provides the Town with 0.238 MGD. The Town is currently taking actions to secure additional water to be purchased to accommodate increased population over the next 30 years. It

should be noted, these preliminary projections of water are based on a per capita water daily demand of 139 gallons per person per day. Calculations using state averages of 125 gpd per person would lower the demand. Measures of conservation and other reduction implementation strategies could also significantly reduce the water demand and thereby not necessitate additional water supplies for the future planning period.

Town of Stephens City:

The Town of Stephens City has water supplied by the Frederick County Sanitation Authority. Based on projections presented below, the Town water use is expected to be met by the existing water system and supplies.

5.8 Page County, and Towns of Luray, Shenandoah, and Stanley

In Page County, using data provided by the Towns of Luray, Shenandoah and Stanley, over 45 percent of the County's population is connected to some form of public utilities currently. In 2009, Page County's "natural increase" (total number of births per year, less total number of deaths as calculated by the Virginia Department of Health) was a negative number, indicating more residents died that year in the County (11.2 deaths per every 1,000 residents) than those born that year (10.1 births per every 1,000 residents). Page County's percentage of population increase has declined over the past several Census cycles. From 1970 – 1980 the County experienced a 17 percent population increase, from 1980 – 1990 an 11.7 percent population increase, from 1990 – 2000 a 6.8 percent population increase, and 2000 – 2010 a 3.7 percent population increase. The recent 3.7 %increase is assumed to be a result of a modest net in-migration to the County, with the "natural" population increase/decrease being a nonfactor.

An historic decline in population can be observed for the past 40 years and the future population projections reflect this decline; however, the projections still show a *slight net increase* in population for each ten year cycle until 2040. These slight net increases assume in-migration of population into the County each year with a small percentage that stay rather than leave. Any unforeseen circumstance (e.g. a major industry moving into, or out of, the County, etc.) could change this assumption. Therefore, a 2 percent overall projected population increase was assessed for Page County between 2010 – 2020, and continued until 2040. In addition, portions of the County's growth were assigned to the County's Towns based upon historic trends.

In Page County the residential community water use is supplied by groundwater wells and springs servicing the three Towns. In 2008, the combined water use for nonmunicipal community sources were all groundwater wells withdrawing a total of 0.95 MGD in 2008 (based on 80% total system design (actual water consumption use not available). These include Egypt Bend Estates, Luray Homes, Shenandoah Utilities, and undisclosed populations in nonmunicipal community water users subdivisions.

The large Self-Supplied nonagricultural user was the Luray Caverns Country Club. Eight large Self-Supplied agricultural users in Page County withdrew water from a combination of stream intakes, groundwater, and a spring totaling a 0.103 MGD withdrawal for five agricultural users. Three large self-supplied agricultural users did not report withdrawals. Small Self-Supplied users include schools, Shenandoah National Park, and Stanley Industrial Park with a combined withdrawal in 2008 of 0.547 MGD. This was assumed to be static throughout the planning time; however, it is noted that the Stanley has identified a potential growth corridor in their Industrial Park and is converting to community water systems expanded to accommodate anticipated increase in water demand user. An estimated 96 houses on private wells in the service areas of the towns were multiplied by the County average of 2.42 persons per household using 75 gpd total 0.017 MGD in 2008.

The Town of Luray served a daily water use of 837,559 gallons per day in 2008, with an average peak daily use of 944,435 gallons per day. In 2010 the Town of Luray served a population of 4,895. In addition, in 2010 the Town provided County residents with out-of-town water to 130 connections. The Town estimated this to be 130 connections times 2.5 residents per household connection, plus the 2010 population for a total water service provided to 5,220 persons. The Town of Luray anticipates a growth rate of 0.13% or four new light commercial industrial users in the planning period and two new heavy industrial connections (0.07% increase) during the planning period between present to 2040. The Town of Shenandoah served 21 household connections outside of the Town limits in 2010. The Town of Stanley provides water to much of Page County residents outside the Town limits. The service area for County residents outside of town limits served by Stanley Town in 2010 was 774 connections. The total number/Percent of Page County residents living in towns or connected to Town utilities was 45.7% of the overall County population.

Estimates for Page County and the Towns of Luray, Shenandoah, and Stanley population are as follows:

Population	2020	2030	2040
Page Co Population Served	24,523	25,014	25,515
Luray Population Served	4,944	4,994	5,044
Total Service-Area Population <i>(Out of Town Population plus Luray Population)</i>	5,281	5,356	5,428
Shenandoah Population Served	2,504	2,605	2,683
Total Service-Area Population <i>(Out of Town Population plus Town Population)</i>	2,572	2,697	2,793

Stanley Population Served	1,472	1,517	1,563
Total Service-Area Population	3,457	3,552	3,624
<i>(Out of Town Population plus Stanley Population)</i>			
Total Number/Percent of County	11,310	11,605	11,845
Residents Connected to Town Utilities	/46.1%	/46.3%	/46.4%

An estimated 13,213 people were not serviced with municipal community water systems in 2010. In 2008, the estimated population on individual wells was 15,781. Multiplying that population times an average 75 gallons per day per capita yielded 1.183575 MGD not on municipal water. However, a portion of that population is serviced by nonmunicipal community water systems that consumed 0.095120 MGD. Therefore, 1.183575 MGD minus 0.095120 MGD yields 1.08846 MGD of water that is estimated to service the remaining 2008 County population. This amount is estimated to increase at the rates provided for the towns (12.19 percent by 2020, 11.66 percent by 2030, and 9.91 percent by 2040). The County estimates of water use for populations not serviced by community water systems are reflected in the demand figures.

Based on the ubiquitous nature of groundwater underlying Page County, future demands are anticipated to be met with groundwater wells. In summary, the existing and projected water demand for Page County is as follows:

2010	1.154 MGD
2020	1.1702 MGD
2030	1.1924 MGD
2040	1.2169 MGD

Town of Luray:

All future uses for water in Luray Town are anticipated to be met by the existing water supplies and permitted capacity to the year 2040. The peak demand for 2040 potentially exceeds the permitted capacity by 2030; however, daily consumptive uses could implement conservation to extend the supply of the sources to satisfy future uses.

Disaggregated water use was available for the Town of Luray and is presented below:

Water System Name	System Total (MGD)	Residential (MGD)	Commercial Institutional Light Industrial (gpd)	Heavy industrial (MGD)	Unaccounted for Losses
Luray	.944	0.392 (80 gpd x 4,895 residents in 2010)	(0.152 MGD) 650/conn - Comm 1,225 /conn - Lt Ind (or 4 new connections))	0.45/user (0.07% increase or 2 new connections)	0.331 (averages 35%)

The Luray Town water usage projections included the following assumptions of water use. The Luray estimated residential water use rate is 80 gpd per user or 200 gpd per connection for a dwelling unit. An increase of 0.1% is anticipated in residential usage amounts for future projections. Commercial use of water for Luray is 650 gpd. The Town of Luray has an expected 0.13% increase in both users and usage amount. The small industrial water users in Luray use 2,125 gpd per user connection. Approximately four new light industrial users are expected to be added to the Town distribution system by 2040. The water demand will increase by 8,500 gpd. The heavy industrial user in Luray demands 450,000 gpd per user connection. The Town expects a 0.07% increase in the usage amount and anticipates two new large industrial users by 2040. Unaccounted for water loss varies in Luray between 15% to 50%. On average, the Town assumes 35% for unaccounted loss.

Town of Shenandoah:

Even with a higher than average per capita usage, the Town of Shenandoah is anticipated to have all future water demands met by their existing supplies. See the summary below of future use projections.

Town of Stanley:

Future water demands are anticipated to be met by existing water supplies for the Town of Stanley through 2040 based on projected uses presented below:

Year	Projected Population	Estimated Annual Average Water Demand (MGD)	Estimated Peak Water Demand (MGD) (Estimated 1.5)	VDH Permitted System Capacity (MGD)
2008	2,274	0.428	0.642	0.806
2010	2,373	0.446	0.669	
2020	2,504	0.471	0.706	
2030	2,605	0.489	0.735	
2040	2,683	0.504	0.757	

Shenandoah County, Towns of Edinburg, Mt. Jackson, New Market, Strasburg, Toms Brook, and Woodstock:

In Shenandoah County the municipal residential community water use serves the Towns of Edinburg, Mount Jackson, New Market, Strasburg, Toms Brook, Woodstock, and Shenandoah County (Stoney Creek Sanitary District serving the village of Basie-Bryce Mountain Resort). In 2008, the nonmunicipal community water users relied on groundwater wells except Battleground Trailer Park on spring fed water and George's Chicken which also uses surface water purchased from the Town of Woodstock, in addition to groundwater wells. The Toms Brook – Maurertown Sanitary District provides water to the Town of Toms Brook and outlying area in the County.

The disaggregated water use for Stoney Creek is presented below. The commercial water use is expected to remain the same throughout the planning period.

Water System Name	System Total (MGD)	Residential (MGD)	Commercial Institutional Light Industrial (MGD)
Stoney Creek Shenandoah County	0.228	0.221	0.007

The large Self-Supplied nonagricultural users include Bryce Resort, Shenvalee Lodge, and the Strasburg Quarry. Thirteen documented large agricultural, Self-Supplied users withdraw water (data for water use is not available). Small Self-Supplied users (those using less than 300,000 gallons of water per month) include Valley Lunch Restaurant, Virginia Department of Transportation office complex, Bowman Apple Products Company Inc., Community Christian School, Columbia Gas Transmission Corporation, and Valley Baptist Christian School.

An estimated 24047 people were not serviced with municipal CWS. Multiplying the that population times an average 75 gallons per day per capita yielded 1.1803525 MGD not on municipal water. However, a portion of that population is serviced by nonmunicipal residential community water systems that consumed 0.2208 MGD. Therefore, 1.18 MGD minus 0.22 MGD yields 0.96MGD of water that is estimated to service the remaining 2008 County population. This amount is estimated to increase at the rates provided for the towns (12.19 percent by 2020, 11.66 percent by 2030, and 9.91 percent by 2040).

In the unincorporated areas of Shenandoah County, the water use is met by a combination of individual well water and Sanitary Districts. Based on future water use in the County as presented below, the existing water supplies from Stoney Creek Sanitary District and groundwater wells are anticipated to meet future water use. It is assumed that future development outside water supply service areas will require well development to support housing in rural areas.

Town of Edinburg:

Future average daily water uses, as presented below, are anticipated to be met by the current water supply for the Town. However, the projected average daily demand will exceed 80% of the current capacity between 2020 and 2030. In addition, the projected daily peak demand will exceed the current supply by 2040. The projected peak daily demand will exceed 80% of the existing capacity between 2010 and 2020. The VDH recommends that alternative water sources or expansion of existing supplies be developed when a water supply system exceeds 80 % of its capacity. It is important to note that the permitted maximum capacity for the Town of Edinburg is 0.432 MGD. All average and peak projected water demands through 2040 would be met by the maximum permitted capacity for the existing source for the Town of Edinburg. If the maximum permitted capacity were used, by 2040 there would be a surplus of 0.194 MGD of water for average daily use and a surplus of 0.15 MGD water used on peak days.

Town of Edinburg Projected Annual Average & Peak Demand								
Year	Projected Population	Water Use Factor (gpcd)	Commercial Water Use (MGD)	Estimated Residential Annual Average Water Demand (MGD)	Estimated Peak Residential Water Demand (MGD) (1.2*)	Total Estimated Water Use Edinburg (Commercial plus Residential Average) MGD	Total Estimated Water Use Edinburg (Commercial plus Residential Peak) MGD	VDH Permitted System Capacity (MGD)
2008	1,001	125	.037	0.125	0.150	0.162	0.187	0.24
2010	1,050			0.131	0.157	0.168	0.194	
2020	1,186			0.148	0.178	0.185	0.215	
2030	1,366			0.171	0.205	0.208	0.242	
2040	1,606			0.201	0.241	0.238	0.278	
<i>Notes: Residential Demand = projected population x gal per capita/day</i> <i>* Assumed industry standard peaking factor of 1.2</i>								

Town of Mount Jackson:

The Town of Mount Jackson will have all water demands met by existing supplies. The per capita water usage rate was fairly low for Mount Jackson. The peaking rate was also low for the Town, at 1.2.

Year	Projected Population	Water Use Factor (gpcd)	Estimated Annual Average Water Demand (MGD)	Estimated Peak Water Demand (MGD) (1.2)	VDH Permitted System Capacity (MGD)
2008	2,290	116.59	0.267	0.324	0.6992
2010	2,368		0.276	0.331	
2020	2,788		0.325	0.39	
2030	3,211		0.374	0.449	
2040	3,773		0.439	0.527	

Town of New Market:

The Town of New Market will have all future water demands up through 2040 satisfied by existing Town water sources. By 2040, there will be a surplus of 1.238 MGD on peak days and a surplus of 1.779 MGD on average daily usage days. Projected demand usage is presented below.

Town of New Market Projected Annual Average & Peak Demand

Year	Projected Population	Estimated Annual Average Water Demand (MGD)	Estimated Peak Water Demand (MGD) (1.5)	VDH Permitted System Capacity (MGD)
2008	2,477	0.685	1.028	2.92
2010	2,570	0.7107	1.066	
202	2,995	0.828	1.242	
2030	3,450	0.954	1.431	
2040	4,055	1.121	1.682	

Notes: Per capita Method: estimated water demand = projected population x gpcd water use factor

Assumed industry standard peaking factor of 1.5 because peak days are not recorded by County

Town of Strasburg:

The Town of Strasburg will have water demands met through Town supplies throughout the planning period of 2040. Based on increased permitted source to 3 MGD it is estimated that given the usage presented below, by 2040 the Town will have a surplus of 1.45 MGD for average daily use and a surplus of 0.65 MGD for peak days.

Town of Toms Brook:

The Sanitary District has a permitted capacity of 0.298 MGD. Calculated future water use for the Town of Toms Brook will be met throughout the planning horizon of 2040 with a surplus of water from the existing source, Sanitary District.

Year	Town Projected Population (Sanitary District population projection to be serviced)	Resultant Demand (gpd)	Estimated Annual Average Water Demand (MGD)	Estimated Peak Water Demand (MGD)	VDH Permitted System Capacity (MGD)
2008	251 (540 Toms Brook-Maurertown Sanitary District service area)	200	0.107	0.161	0.2416
2010	252 (550)		0.107	0.161	
2020	321 (600)		0.117	0.161	
2030	370 (650)		0.127	0.161	
2040	435 (700)		0.137	0.161	

Town of Woodstock:

The Town of Woodstock will be able to satisfy all water demands through 2040 from the Town intake on the Shenandoah River, based on water usage presented below. Based on demand calculations, there will be a water surplus of 0.137 MGD by 2040 on peak days and a surplus of 0.191 MGD on average daily use days.

Year	Projected Population	Water Use Factor (gpcd)	Estimated Annual Average Water Demand (MGD)	Estimated Peak Water Demand (MGD) (1.5 assume)	VDH Permitted System Capacity (MGD)
2008	5,837	118	0.689	1.03	2.02
2010	6,097		0.719	1.078	
2020	6,969		0.823	1.23	
2030	8,027		0.947	1.421	
2040	9,434		1.113	1.67	

Warren County

In Warren County the residential community water use is supplied by stream intakes servicing the Town of Front Royal. In 2008, the Town of Front Royal consumed an average water withdrawal 4.318 MGD. The two large Self-Supplied nonagricultural users were golf clubs withdrawing groundwater with a combined water demand of 0.0929 MGD during 2008. One large agricultural Self-Supplied user, Front Royal Fish Culture Station, in 2008 had a non-consumptive water use of 0.727 MGD from Passage Creek surface water. Seven businesses comprise the small Self-Supplied water use in 2008 including North Fork Resort #7, Shenandoah National Park – Dickey Ridge Center, Skyline Caverns, Inc., Front Royal River Campground, Christendom College, Hidden Springs Senior Living Facility, North American Housing Corporation, and Shenandoah Valley Golf Club offices. The combined small Self-Supplied users for nonagricultural demand were estimated at 0.77 MGD.

An estimated 18,827 people were not serviced with residential community water supply. Multiplying the that population times an average 75 gallons per day per capita yielded 1.41203 MGD not on municipal water. An additional portion of that population is serviced by one other residential nonmunicipal community water systems that consumed an estimated 0.0106 MGD. Therefore, 1.41203 MGD minus 0.0106 MGD yields 1.40143 MGD of water that is estimated to service the remaining 2008 County population. This amount is estimated to increase at the rates provided for the towns (12.19 percent by 2020, 11.66 percent by 2030, and 9.91percent by 2040). The County estimates of water use for populations not serviced by community water systems are reflected in the demand figures.

In addition, to the above demand, a natural gas generating facility owned by Dominion Power was permitted and is expected to go on-line in 2015. The Town of Front Royal plans to provide water to Dominion Power. Assuming average daily use, the annual volume of water for Dominion Power would be 146,000,000 gallons (0.4 MGD) to be provided by Front Royal Town starting in the year 2015. The following water use for the plant is added to water demand in Warren for Dominion use by 2015:

Peak Demand - 652,320 gpd Water

Peak Demand - 295,260 gpd Sewer

Average Demand - 400,000 gpd Water

Average Demand - 160,000 gpd Sewer

The projected future water demands in Warren County are presented in the tables below. In general, additional rural development will require groundwater well construction to meet future needs in areas outside community water service systems.

Year	Projected Population	Projected Population on Wells (Minus Service Areas)	Estimated Residential Average Well Water Demand (MGD)
2008	31,584		
2010	37,575	23135	1735125
2020	45,722	29653	2223975
2030	53,092	35549	2666175
2040	65,143	45189	3389175

Town of Front Royal:

Projected water use in the Town of Front Royal was calculated from 2008 water average daily water use of 2.048 MGD and peak day usage in 2008 was 3.35 MGD. Based on projected uses, the Town of Front Royal will meet residential water use and peak uses through 2040 with a permitted capacity of 4 MGD. It should be noted that disaggregated water use for other sectors such as business and system losses is not included in this estimated demand (was not reported for by most Towns).

Year	Projected Population	Water Use Factor (gpcd)	Estimated Residential Average Water Demand (MGD)	Estimated Peak Water Demand (MGD) (Estimated 1.1)	VDH Permitted System Capacity (MGD)
2008	14,270	125	1.784	1.962	3
2010	14,440		1.805	1.986	
202	16,069		2.008	2.209	
2030	17,543		2.193	2.412	
2040	19,954		2.494	2.743	

6.0 WATER DEMAND MANAGEMENT

This section of the report documents a survey, titled Form 110, of the localities, as stipulated in Section 9 VAC 25-780-110. A detailed compilation of the survey is presented in Table 2: NSVRC Combined Results of Survey Form 110, appended to this report. Section 110, entitled Water Demand Management Information, includes a survey of water efficiency practices, water conservation (raising awareness and financial incentives), and water loss reduction efforts in use by the localities. Subsection B addresses future planning efforts of water use demands, pursuant to Section 100 D of the code. Future water planning analyses of population estimates and demand uses will address and incorporate water conservation practices, techniques, and technologies available. Below is a summary of the Form 110 surveys in our region which is presented in Table 1, listing the yes or no response to questions within the categories. Detailed answers to the individual survey questions are presented in Table 6.2.

Table 6.1: Summary of Form 110 Answers for Localities in the Northern
--

Shenandoah Valley Regional Commission			
Locality	Water Use Efficiency	Water Conservation	Water Loss Reduction
Clarke County	1 - Y, 8 - N	5 - Y, 9 - N	6 - Y, 3 - N
Frederick County	0 - Y, 9 - N	2 - Y, 12 - N	3 - Y, 5 - N, 1 - I
Page County (Old Farms)	1 - Y, 7 - N, 1-NA	0 - Y, 14 - N	1 - Y, 8 - N
Page County (Egypt Bend)	1 - Y, 6 - N, 2-NA	1 - Y, 12 - N, 1 - NA	4 - Y, 5 - N
Page Public Water Systems	0 - Y, 8 - N, 1-NA	0 - Y, 10 - N, 4- NA	0 - Y, 6 - N, 3-NA
Shenandoah County	0 - Y, 9 - N	0 - Y, 14 - N	4 - Y, 5 - N
Stoney Creek	0 - Y, 9 - N	1 - Y, 13 - N	6 - Y, 3 - N
Warren County	1 - Y, 8 - N	4 - Y, 10 - N	0 - Y, 9 - N
Winchester City	3 - Y, 5 - N, 1-NA	7 - Y, 7 - N	6 - Y, 3 - N
Town of Berryville	1 - Y, 8 - N	4 - Y, 10 - N	6 - Y, 3 - N
Town of Boyce	0 - Y, 9 - N	4 - Y, 10 - N	4 - Y, 3 - N, 1-NA, 1-NV
Town of Edinburg	0 - Y, 9 - N	3 - Y, 11 - N	5 - Y, 4 - N
Town of Front Royal	0 - Y, 8 - N, 1- NA	6 - Y, 8 - N	7 - Y, 2 - N
Town of Luray	1 - Y, 6 - N, 2- NA	3 - Y, 8 - N, 3- NA	1 - Y, 7 - N, 1- NA
Town of Middletown	1 - Y, 8 - N	7 - Y, 7 - N	6 - Y, 3 - N
Town of Mount Jackson	1 - Y, 7 - N, 1- NA	2 - Y, 9 - N, 3- NA	4 - Y, 4 - N, 1- NA
Town of New Market	0 - Y, 8 - N, 1- NA	0 - Y, 14 - N	4 - Y, 5 - N
Town of Shenandoah	0 - Y, 9 - N	1 - Y, 13 - N	4 - Y, 5 - N
Town of Stanley	1 - Y, 6 - N, 2- NA	3 - Y, 8 - N, 3 - NA	1 - Y, 7 - N, 1- NA
Town of Stephens City*	1 - Y, 0 - N, 8 - NA	2 - Y, 0 - N, 12 -NA	1 - Y, 2 - N
Town of Strasburg	0 - Y, 9 - N	3 - Y, 11 - N	6 - Y, 3 - N
Town of Toms Brook	0 - Y, 9 - N	1 - Y, 13 - N	6 - Y, 3 - N
Town of Woodstock	0 - Y, 8 - N, 1 - NA	1 - Y, 13 - N	4 - Y, 5 - N
Y - Yes answers, N - No answers, NA - Not Applicable, I - Incomplete, *- Needs Verification			

6.1 Water Use Efficiency:

In general, the localities had the least measures in place addressing water use efficiency practices listed by DEQ in the survey form; although several localities are considering adopting practices to improve water efficiency. Most of the localities have adopted the Virginia Uniform Statewide Building Code, but it is enforced through the County (example, the six Towns of Shenandoah County do not have Town Codes to that effect because it is enforced through Shenandoah County). Clarke County and Towns had water-efficient landscaping ordinances or site plans encouraging xeriscaping. No localities had homeowner associations with low water use known, and several rural areas had no homeowner associations. Two localities adopted ordinances declaring wasteful water use unlawful. In response to whether the localities implemented practices for irrigation efficiency, only one had irrigation measured but at least three others were considering metering irrigation. Only one locality had a water supplier listed on U.S. EPA's Water Sense partners list. In addition to the water efficiency practices listed by DEQ, alternative practices were implemented throughout several localities.

6.2 Water Conservation:

Fourteen questions address water conservation measures within the planning area, conserving water through a reduction in water use. These questions include financial incentives and educational awareness, among other water reduction measures. Five localities have an ordinance to address water conservation through reduced water use and at least three are considering adopting such an ordinance. Three locality water suppliers developed and implemented water conservation plans and two are considering conservation plans. Over half the localities adjusted their standard operating procedures to improve water conservation and have low flow fixtures. Two localities used State Clean Water revolving funds to upgrade their wastewater treatment and one uses the return water system on wastewater treatment to irrigate landscaping at the town facilities. No revolving funds were used to promote water conservation, and most were unaware that option was available. Only one locality offers yard taps to customers to reduce outdoor water use, although another locality is considering outdoor faucets. Thirteen localities have implemented public education programs to raise awareness about water usage. No localities offer funding incentive programs (rebates, tax breaks, vouchers, etc.) to encourage customers to reduce water use although seven water suppliers implements a rate structure that discourages excessive water use.

6.3 Water Loss Reduction:

Form 110 includes nine questions that address water loss through leak detection maintenance and repair programs. Seventeen localities have source and service water connection meters. Thirteen localities implement operating strategies for leak detection and regularly schedule periodic water audits. No localities have an ordinance in place to repair leaking water fixtures, appliances, or plumbing, although one jurisdiction removes sewer charges if proof of leak repair is provided. No localities have used Clean Water State revolving funds or Drinking Water State revolving funds to install water meters in the distribution system. The majority of localities have the following measures: policies to prohibit unauthorized water hydrant connections, strategies to repair main leaks, include dedicated funds on

capital improvement plans or master plans to upgrade existing facility infrastructure to reduce water loss. Nine localities have developed and implemented public education programs to reduce customer water loss. Four jurisdictions implement water loss reduction practices in addition to others listed by DEQ on the survey form.

6.4 Summary:

In conclusion, the process of gathering data for the surveys resulted in raising locality awareness of water efficiency practices and ordinances they could consider. Overall, it was noted during individual meetings with jurisdictions the survey increased concepts of water conservation practices available. The region's jurisdictions show varying levels of water demand management. In general, the results indicate that the localities had the greatest number of measures in place addressing water loss reduction, primarily through their leak detection maintenance programs. It was noted that repairs are necessary and since the survey, several localities have since contacted the NSVRC Executive Director to assist in investigating use of economic stimulus funds for water distribution repairs. Of the three categories, water use efficiency was the area with the least measures in place. The NSVRC hosted a Water Conservation workshop for locality land use managers, planners, and public works to present expertise in drought management, water efficiency best practices, and drought ordinances. It is anticipated that the increased awareness in water conservation will continue throughout the water supply planning process and result in increased water efficiency.

6.5 Practices to Address Water Loss

Unaccounted for water losses is water lost throughout the distribution system in leaks, unnecessary system use, theft, or wasted water. Control measures to monitor and ultimately minimize water loss can be implemented by localities to reduce water loss. The best step is to conduct a detailed water efficiency audit to determine what constitutes the water lost for each locality. Then a comprehensive leak detection and repair program would be promoted to improve water efficiency. Capital projects and Community Development Block Grant opportunities for funding such leak improvements could be sought after. Meter upgrades and routine performance detections would be useful. Offering leak detection for all residents is a service each locality should offer to assist each homeowner / renter in identifying water leak issues and encourage remediation. For example, a locality could offer a five percent water bill savings for a month if the resident included a receipt for a water leak repair. In addition, water conservation practices could be implemented by citizens by raising awareness of water loss and conservation practices. The low water energy efficient appliances could be encouraged to retrofit older homes. The Virginia Uniform Statewide Building Code sections that limit the maximum flow of urinals, water closets, and appliances in 1994 will be adopted in all new building and houses.

The primary actions to assist in water conservation include educational measures and installation of water conservation fixtures such as improved source and connection meters, improved maintenance for meters, line replacements, and other practices or policies to track unauthorized water loss (theft, hydrant flushing, etc.). Localities are encouraged to join free on-line journals for recommendations to reduce water losses such as Center for Water Efficiency Newsletter or the Journal for Water Resource

Management found at <http://www.waterefficiency.net/subscription/water-efficiency-subscription-form-14598.aspx> The Center for Water Efficiency members can pay a fee and receive access to leak detection services and recommended water conservation actions.

7.0 DROUGHT RESPONSE and CONTINGENCY PLANS

The mandated Water Supply Plan, set forth in 9 VAC 25-780-120, requires a locality to specify how a drought or low water condition is declared, what actions they will implement to conserve water under such a condition, and how they will enforce water conservation actions. This Drought Response Plan is a section of the Northern Shenandoah Valley Regional Water Supply Plan and also is a stand-alone document that establishes a coordinated response to drought for the City of Winchester and the five Counties of Clarke, Frederick, Page, Shenandoah, and Warren. The Plan identifies duties and responsibilities of localities to manage water resources during drought and low water events (such as equipment failure or contamination) to minimize adverse impacts on public health and safety, economic activity, and environmental resources; and help preserve the water supply throughout the planning area.

This Regional Drought Response Plan is divided into the following sections:

- A. Drought Stages
- B. Locality Declaration
- C. Actions in Response to Drought Stage

A. Drought Stages

State regulations stipulate a minimum of three drought stages be included in the Water Supply Drought Response Sections. The Northern Shenandoah Valley Regional Water Supply Plan's Drought Response Section includes these three graduated stages of a drought:

Drought Stage	Description	Action
Watch	Drought potential if conditions persist	Increase water conservation awareness; voluntary actions by citizens
Warning	Onset of drought is imminent	Water conservation awareness; precautionary measures voluntary but encouraged by localities
Emergency	Significant drought or low water event	Mandatory responses for water conservation by localities and public

Jurisdictions will have varied declarations of a drought in part due to water sources, water demands, upstream water withdrawals, groundwater's delayed response to reflect low precipitation, equipment failure, and local variations in meteorology and soil moisture.

Local ordinances adopted by the localities within this planning region are appended to the Drought Response Section of the Water Supply Plan. The ordinances document jurisdictional commitment to water conservation implementation and enforcement of the Drought Response Section.

B. Locality Declaration of a Drought Stage

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 adversely affect people, crops, and animals.

A drought phase will be declared when conditions exist that less water is present than under normal streams flows under specific meteorological situations. Public declaration of the drought stage will be determined by the local water purveyor, Chief Administrative Officer (CAO), or designee as determined by the locality. A water purveyor is a public utility, municipal water company, county water district, or municipality that delivers drinking water to customers. Any localities purchasing water from another locality shall follow all drought stage declarations made by the local water purveyor and CAO/designee of the jurisdiction where water is purchased.

The Northern Shenandoah Valley Regional Commission (NSVRC) will act as a clearinghouse to assemble local drought stage designations and broadcast results to the general public and all jurisdictions within the planning region through electronic communication and website postings. The NSVRC staff will communicate with the upper headwaters area in the Central Shenandoah Planning District Commission area and will convey upstream drought conditions to the Northern Shenandoah Valley region jurisdictions. Results of upstream water supply conditions will also be posted on the NSVRC website to provide a comprehensive watershed-wide assessment of drought declarations within the Shenandoah Valley to facilitate localities' awareness of their water declarations.

When one or more of the following conditions are present, the local water purveyor, CAO, or designee may consider a Drought Stage declaration:

Drought Watch Stage

- A local trigger indicates watch level (at a predetermined level) or
- DEQ drought website indicates 2/4 boxes **yellow** for the area
<http://www.deq.virginia.gov/watersupplyplanning/drought/shenandoah/current.html>,
or
- A nearby subwatershed trigger indicates watch levels

Drought Warning Stage

- A local trigger indicates warning level (at a predetermined level), or
- DEQ drought website indicates 2/4 boxes **orange** for the area
<http://www.deq.virginia.gov/watersupplyplanning/drought/shenandoah/current.html>,
or
- A nearby subwatershed trigger indicates warning levels

Drought Emergency Stage

- A local trigger indicates emergency level (predetermined level), or
- DEQ drought website indicates 2/4 boxes **red** for the area
<http://www.deq.virginia.gov/watersupplyplanning/drought/shenandoah/current.html>,
or
- A nearby subwatershed trigger indicates emergency levels

Local Water Sources

Twenty localities in the planning region draw their water supply from three subwatersheds in the Shenandoah River basin: the North Fork of the Shenandoah River watershed, the South Fork of the Shenandoah River watershed, and the watershed of the main stem of the Shenandoah River. Water sources within the region's subwatersheds vary and include groundwater, stream intakes, quarries, and water purchased from another jurisdiction. The water sources and subwatersheds for each locality within the region are shown in Table 1, below (Note: stream surface water = SW, groundwater = GW, quarry = Q). Table 1 lists the watershed where the source intake is located, not necessarily the watershed of the jurisdiction using the water. For example, the City of Winchester is located in the subwatershed of the main stem of the Shenandoah River; however, the City's source intake is located in the subwatershed of the North Fork of the Shenandoah River in Strasburg.

Locality Served	North Fork of the Shenandoah River Watershed	South Fork Shenandoah River Watershed	Main Stem Shenandoah River Watershed
Shenandoah County	GW		
New Market	GW		
Mt Jackson	GW		
Edinburg	GW		
Woodstock	SW		
Toms Brook	GW		

Strasburg	SW		
Page County		GW	
Shenandoah Town		GW	
Stanley		GW	
Luray		GW	
Warren County	GW	GW	
Front Royal		SW	
Frederick County	Quarry & Purchase from Winc SW / GW)		
Middletown	Purchase (SW) From Winc		
Stephens City	Purchase (SW/GW) From FCSA		
City of Winchester	SW		
Clarke County			GW
Boyce			Purchase From CCSA
Berryville			SW

Additional water source data for each locality is presented in Appendix A.

Local Triggers:

Each locality has selected local triggers to monitor and use to declare a drought or low water condition. Typically triggers include a stream level measured at a gage or a groundwater level measured at a specified level in a well, if available. A locality may assume a trigger is activated when either their local trigger has reached a predetermined level and / or a trigger from a neighboring jurisdiction within the same subwatershed has been reached. Table 2 summarizes local triggers and subwatershed triggers to be used when considering a drought stage declaration. The USGS stream gage website http://va.water.usgs.gov/duration_plots/daily/dp01634000.htm includes daily streamflow percentiles (10-25th%, 5th – 10th%, and below 5th%) of historic flows for a specific date. For localities with trigger levels set at percentile flows not posted on the website, the water purveyor will calculate flows to assess if conditions warrant a drought stage declaration.

Drought Trigger Table for the Northern Shenandoah Region:

TABLE 2: LOCAL TRIGGERS FOR WATER LEVELS					
Locality	Drought or Low Water Stage	Groundwater/ Spring	Surface Water/ Reservoir	Quarry	Location of Triggers & Other Information
Clarke County	Watch	GW levels fall between the 10 th & 25 th percentile and the DEQ Drought website Watch stage	Stream flows fall between the 10 th and 25 th percentile		Declaration of a drought / low water stage when two or more indicate low water. The resources will include the County monitoring well network; the DEQ Drought Website page; Spout Run USGS gage; and Main Stem Millville USGS gage
	Warning	GW levels fall between the 5 ^h & 10 th percentile and the DEQ Drought website Warning stage	Stream flows fall between the 5 ^h & 10 th percentile		
	Emergency	GW levels fall below the 5 th percentile and the DEQ Drought website Emergency stage	Stream flows fall below the 5 th percentile		
Frederick County	Watch			Quarry elevation measures 657 ft (SC); 502 ft at CB Quarry	Elevation for Stephens City (SC) Quarry and Clearbrook Quarry (CB); and USGS Gage North Fork Shenandoah at Strasburg; will consider Winchester drought declaration
	Warning			Quarry elevation measures 650 ft (SC); 495 ft at CB Quarry	
	Emergency			Quarry elevation measures 645 ft (SC); 495 ft at CB Quarry	
Page County	Watch	GW levels fall between the 10 th & 25 th percentile	Stream flows fall between the 10 th and 25 th percentile		USGS Gage South Fork Shenandoah in Luray;
	Warning	GW levels fall between the 5 ^h & 10 th percentile	Stream flows fall between the 5 ^h & 10 th		Rockingham County USGS GW Well 41Q 1
	Emergency	GW levels fall below the 5 th percentile	Stream flows fall below the 5 th		
Shenandoah County	Watch	Groundwater capacities in local wells fall between 10 th and 20 th percentile and DEQ Drought website			Thresholds for actions at how much water can be extracted from local wells based upon

	Warning	Groundwater capacities in local wells fall between 5 th and 10 th percentile and DEQ Drought website				demand, pumping capacities and not solely on the level of water in the well, which will also be a factor. Therefore, if while pumping 22 hours a day(8 percentile of capacity) for a period of time for whatever reason but the well head is still at 25% of normal, warning measures would be enacted. The Shenandoah County triggers are based on water levels in County-owned supply wells.
	Emergency	Groundwater capacities in local wells fall below 5 th percentile				
Warren County	Watch		Stream flows fall between the 10 th and 25 th percentile			USGS Gage South Fork in Front Royal, USGS Gage North Fork Shenandoah at Strasburg, USGS Gage Passage Creek
	Warning		Stream flows fall between the 5 ^h & 10 th percentile			
	Emergency		Stream flows fall below the 5 th percentile			
City of Winchester	Watch		Stream flows fall between the 10 th and 15 th percentile (or below 80 cfs) for a period of 5 consecutive days.			USGS Gage North Fork Shenandoah North Fork near Strasburg
	Warning		Stream flows fall between the 5 th and 10 th percentile (or below 72 cfs) for a period of 5 consecutive days.			
	Emergency		Stream flows fall below the 5 th percentile (or below 63 cfs) for a period of 5 consecutive days.			
Town of Berryville	Watch		Stream flows fall between the 10 th and 25 th percentile			USGS Gage on Shenandoah River at Millville
	Warning		Stream flows fall between the 5 ^h & 10 th percentile			
	Emergency		Stream flows fall below the 5 th percentile			

Town of Boyce	Watch	GW levels fall between the 10 th & 25 th percentile			Follow drought declaration by Clarke County based on Clarke County Monitoring Well Network
	Warning	GW levels fall between the 5 th & 10 th percentile			
	Emergency	GW levels fall below the 5 th percentile			
Town of Edinburg	Watch	DEQ Drought Website for Shenandoah County			
	Warning	DEQ Drought Website, plus weekly monitoring of Well #1			
	Emergency	Static head of water in Well #1 drops below 10 feet for seven consecutive days (water monitored several times a day). Town will lower the pump in the well to assist with water delivery and downgrade to a Drought Warning depending upon Well #1 water level and the DEQ website.			
Town of Front Royal	Watch		400 cfs, voluntary		Per Town DEQ withdrawal permit based upon flow in the river at various flow rates for the USGS Gage South Fork in Front Royal
	Warning		340 cfs, Mandatory		
	Emergency		240 cfs, Mandatory		

Town of Luray	Watch	10% Overall Reduction in Available Water (Source Water, Finished Water, and/or Stored Water); 1.8" decrease in the Static Level of Hite Spring*; 6" decrease in the Static Level of Lake Arrowhead; DEQ Website – 4 Square for Page County; and Local Well** and Local Surface Water Data			<p>Note: *Static Water Level in Hite Spring is measured at least one (1) hour after the pumping. **Local Well Data includes an evaluation of the static water level in Well #6 at least one (1) hour after the pumping. Surface water references USGS Gage South Fork in Luray. Luray Town will consider all data sources listed and what other towns are doing before making a declaration of a drought / low water stage based on a collective evaluation of all relevant data sources before the decision is made</p>
	Warning	15% Overall Reduction in Available Water (Source Water, Finished Water, and/or Stored Water); 2.76" decrease in the Static Level of Hite Spring*; 12" decrease in the Static Level of Lake Arrowhead; DEQ Website – 4 Square for Page County; and Local Well** and Local Surface Water Data			
	Emergency	20% Overall Reduction in Available Water (Source Water, Finished Water, and/or Stored Water); 3.6" decrease in the Static Level of Hite Spring*; 18" decrease in the Static Level of Lake Arrowhead; DEQ Website – 4 Square for Page County; and Local Well** and Local Surface Water Data			
Town of Middletown	Watch		Stream flows fall between the 10 th and 15 th percentile (or below 80 cfs) for a period of 5 consecutive days.		<p>Follow drought declaration from Winchester; USGS gage at Strasburg on the North Fork</p>
	Warning		Stream flows fall between the 5 th and 10 th percentile (or below 72 cfs) for a period of 5 consecutive days.		

	Emergency		Stream flows fall below the 5 th percentile (or below 63 cfs) for a period of 5 consecutive days.		
Town of Mt Jackson	Watch	DEQ Drought Website for Shenandoah County			
	Warning	DEQ Drought Website for Shenandoah County			
	Emergency	Static head of water in local wells drops below the 5th percentile of historic records			
Town of New Market	Watch	DEQ Drought Website for Shenandoah County			USGS gaging station at Cootes Store, Broadway and/or Smith Creek to be used in conjunction with local well head levels for drought / low water emergency trigger
	Warning	DEQ Drought Website			
	Emergency	Static head of water in local wells drops below the 5th percentile of historic records	Stream flows fall below the 5 th percentile		
Town of Shenandoah	Watch	GW levels fall between the 10 th & 25 th percentile	Stream flows fall between the 10 th and 25 th percentile		USGS Gage South Fork Shenandoah in Luray, &
	Warning	GW levels fall between the 5 ^h & 10 th percentile	Stream flows fall between the 5 ^h & 10 th percentile		Rockingham County USGS GW Well 41Q1
	Emergency	GW levels fall below the 5 th percentile	Stream flows fall below the 5 th percentile		
Town of Stanley	Watch	GW levels fall between the 10 th & 25 th percentile	Stream flows fall between the 10 th and 25 th percentile		USGS Gage South Fork Shenandoah in Luray and
	Warning	GW levels fall between the 5 ^h & 10 th percentile	Stream flows fall between the 5 ^h & 10 th percentile		Rockingham County USGS GW Well 41Q1
	Emergency	GW levels fall below the 5 th percentile	Stream flows fall below the 5 th percentile		
Town of Strasburg	Watch		Stream flows fall between the 10 th and 25 th percentile (or below 70 cfs) for 7 consecutive days		USGS Gage on North Fork Shenandoah River at Strasburg (Note: triggers for existing Strasburg intake only; new stream
	Warning		Stream flows fall between the 5 ^h & 10 th percentile (or below 60 cfs) for 7 consecutive days		

	Emergency		Stream flows fall below the 5 th percentile (or below 50 cfs) for 7 consecutive days			intake will have new drought triggers)
Town of Stephens City	Watch			Quarry elevation measures 657 ft (SC); 502 ft at CB Quarry		Follow drought declaration from Frederick County
	Warning			Quarry elevation measures 650 ft (SC); 495 ft at CB Quarry		
	Emergency			Quarry elevation measures 645 ft (SC); 495 ft at CB Quarry		
Town of Toms Brooks	Watch					Local well monitoring, See triggers for Shenandoah County, since water purveyor is Toms Brook-Maurertown Sanitary District
	Warning					
	Emergency					
Town of Woodstock	Watch		Stream flows fall between the 10 th and 25 th percentile/			USGS Gage North Fork Shenandoah at Strasburg
	Warning		Stream flows fall between the 5 ^h & 10 th percentile			
	Emergency		Stream flows fall below the 5 th percentile			

DEQ Drought Indicator Analysis Website

The DEQ drought indicator analysis website uses a four-square icon that is color-coded to indicate drought stage in the Shenandoah River Basin: (<http://www.deq.virginia.gov/watersupplyplanning/drought/shenandoah/current.html>). The icon addresses groundwater, surface stream flow, precipitation, and Palmer Drought Severity Index. The icon color yellow indicates drought watch stage, orange denotes a drought warning stage, and red represents drought emergency stage. Localities may reference this website when making drought stage determinations. When two or more squares are colored yellow, orange, or red, a drought stage declaration may be considered by a locality.

Governor Declaration:

A drought stage may also be triggered by a declaration by the Commonwealth’s Governor. Droughts declared by the Governor are based on the Virginia Drought Assessment and Response Plan and the

professional judgment of the Virginia Drought Monitoring Task Force (Task Force). The Task Force includes representatives from several state, federal and local agencies, as well as universities and non-government organizations. The Task Force monitors stream flows, lake levels, precipitation, groundwater levels and other climatic indicators. In the event the Governor declares an emergency drought, there will be an automatic emergency drought designation. Likewise, gubernatorial declaration can rescind a drought stage.

C. Drought Response Actions

While some drought response actions are applicable to all jurisdictions in the planning region (see list below), other drought response actions are individually determined by each locality based upon the environmental setting and their position within the watershed, water source, and political circumstances. Local water managers and staff will be apprised of Drought Stage declarations through the use of automated crew messaging / emergency notification. **Note:** In the event of a prolonged, multi-seasonal drought emergency, the locality reserves the right to institute a program of water rationing. It is also important to note that in addition to climate, drought refers to any low water event such as a mechanical failure, water theft, and other conditions rendering water unavailable at necessary flow to meet users in the distribution.

The NSVRC will act as a clearinghouse and provide public notification of any drought stage declaration within the region. The public notices will serve to build and raise awareness of the drought status and educate the public of early water conservation steps individuals and localities can implement. Public notification will occur through the newspaper, public service announcements, and notices with water bills. The locality websites will also list drought stage and water conservation actions. The NSVRC website will define the drought stage with a notice that the public will be informed as to appropriate actions, as listed above. Violators of water use may have names printed in the newspaper listing the amount of water used during a drought stage.

Drought stage downgrading will be conducted by the local water purveyor, jurisdictional CAO, or designee as determined by each locality. Decisions to downgrade a stage will be based on the local trigger, DEQ, and other designated triggers as precipitation increases and soil moisture content and water levels rise in streams and wells.

Proposed Drought Response Actions

1. Drought Watch Actions:

The following are the regional actions to be taken by the respective localities when a Drought Watch stage is declared by the local water purveyor, CAO, and/or designee of a locality in the Northern Shenandoah Valley water supply planning region. Water conservation actions listed below will be encouraged when a Drought Watch is declared. It is possible that the increased public awareness of water conservation activities during a drought watch may reduce water use up to 5%.

- A Drought Watch notification will be publicized through the general news media or any other appropriate method for making such notification public. These include newspapers of general circulation such as Northern Virginia Daily, Winchester Star, Daily News Record, radio 92.5 WINC FM, television 3, etc.
- Localities will include water conservation information on their website on a northern Shenandoah Valley webpage nsvenvironment hyperlinked to the NSVRC.Com website.
- Localities will contact the Northern Shenandoah Valley Regional Commission (NSVRC) office when a drought stage is implemented. The NSVRC will update the locality's drought status on the regional drought website and nsvenvironment webpage.
- All citizens, including private well users, will be encouraged to begin voluntary water conservation actions (see below).
- Locality staff will continue to monitor drought trigger indicators on a monthly basis and report significant changes to local officials.
- Localities will increase water use efficiency and/or promote use reclaimed water for public facility landscaping.
- Leak detection consults by localities will be conducted upon request, as staff can support.
- Public waterworks and Self-Supplied water users who withdraw more than 10,000 gallons per day are asked to review and voluntarily implement existing drought water conservation methods as outlined in this plan.
- The public will continue conservation until water storage (source and distribution) is replenished.

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 dry-loving (xeric) plants in landscaping.
- Do not use the garbage disposal.
- Use automatic dishwasher only when load is full.
- Limit showers to 5 to 10 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.

2. Drought Warning Actions:

When a Drought Warning stage is declared by the local water purveyor, CAO, and/or designee of a locality in the Northern Shenandoah Valley water supply planning region, the following are the regional actions to be taken by the respective localities. Water conservation actions and the reduction or elimination of non-essential water uses will be encouraged when a Drought Watch is declared. It is intended that water conservation measures listed will generally result in reductions of water use of 5 to 10%.

- A Drought Warning notification shall be publicized through the general news media or any other appropriate method for making such notification public in newspapers of general circulation and radio and television.
- Localities will include water conservation information on their website.
- Localities will contact the Northern Shenandoah Valley Regional Commission (NSVRC) office when the Drought Warning stage is implemented. The NSVRC will update the locality's drought status on the regional drought website and nsvenvironment webpage.
- Public waterworks and Self-Supplied water users who withdraw more than 10,000 gallons per day will initiate voluntary water conservation measures.
- All local government offices and institutions should consider the reduction or elimination of non-essential water uses with the goal of reducing water usage by 5 to 10%.
- Locality staff will continue to monitor drought triggers monthly to indicate levels and report significant changes to local officials.
- Leak detection consults by localities will be conducted upon request, as staff can support.
- Continue conservation until water storage (source & distribution) is replenished.
- 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.

Voluntary 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.

3. Drought Emergency Actions:

The following mandated actions will be implemented when a Drought Emergency is declared by the local water purveyor, CAO and/or designee of a locality in the Northern Shenandoah Valley water supply planning region. The non-essential uses listed below are prohibited during the drought emergency stage.

- A Drought Emergency notification shall be publicized through the general news media or any other appropriate method for making such notification public.
- Localities will include water conservation information on their website.
- Localities will contact the Northern Shenandoah Valley Regional Commission (NSVRC) office when the Drought Warning stage is implemented. The NSVRC will update the locality's drought status on the regional drought website.
- 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 above.
- Public waterworks and Self-Supplied water users who withdraw more than 10,000 gallons per day 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 above.
- All local government offices and institutions will initiate the mandatory non-essential water use restrictions listed below with the goal of reducing water usage by 10 to 15%.
- Localities will be authorized to adopt local ordinances to enforce the mandatory non-essential water use restrictions listed below and to establish, collect, and retain fees for violations of these restrictions.
- Locality staff will continue to monitor drought indicators on a monthly basis and report significant changes to local officials.
- Localities may consider developing increased conservation rate charges or surcharges to respond to drought conditions.
- All users continue conservation until water storage (source & distribution) is replenished.
- Commercial customers are to follow the mandatory non-essential water use restrictions listed below, where appropriate.
- All other residential, business and industrial water users; whether supplied by public water supplies, Self-Supplied sources, or private water wells; who do not normally utilize water for any of the non-essential uses listed below are requested to voluntarily reduce water consumption by at least 10%. This reduction may be the result of elimination of other non-essential water uses, application of water conservation practices, or reduction in essential water uses.

Non-Essential Water Uses

The following non-essential water uses will be prohibited during periods of declared drought emergencies. Below each non-essential use is a list of exceptions. These prohibitions and exceptions will apply to uses from all sources of water and will only be effective on an individual locality basis when a locality in the Northern Shenandoah Valley water supply planning region

declares a Drought Emergency. The conservation actions listed in the Drought Watch and Warning section of the Northern Shenandoah Valley Drought Plan become mandatory during the Drought Emergency stage.

Local governments and public waterworks may impose water use restrictions more or less stringent than the mandatory non-essential water use restrictions listed below consistent with local water supply conditions at any time. Nothing contained in this drought response plan should be construed to limit the powers of the local governments to adopt and enforce local emergency ordinances as necessary to protect the public welfare, safety, and health.

Water use restrictions shall not apply to the agricultural production of food or fiber, the maintenance of livestock including poultry, nor the commercial production of plant materials so long as best management practices are applied to assure the minimum amount of water is utilized.

1. Unrestricted non-commercial watering (public or private)

Lawn Irrigation Exceptions-

- Newly sodded and seeded areas may be irrigated to establish cover on bare ground at the minimum rate necessary for no more than a period of 60 days. Irrigation rates may not exceed one inch of applied water in any 7 day period. Consider delaying seeding or sodding of new lawns.
- Gardens, bedding plants, trees, shrubs and other landscape materials may be watered with hand held containers not exceeding three (3) gallons in capacity. Watering may be done between the hours of 9:00 p.m. and 10:00 a.m. to avoid the heat of the day. Do not use sprinklers.

Golf Course Irrigation Exceptions-

- Tees and greens may be irrigated between the hours of 9:00 p.m. and 10:00 a.m. at the minimum rate necessary.
- Fairways may be irrigated between the hours of 9:00 p.m. and 10:00 a.m. at the minimum rate necessary not to exceed one inch of applied water in any ten-day period.
- All allowed golf course irrigation must be applied in a manner to assure that no runoff, puddling or excessive watering occurs.

Athletic Field Irrigation Exceptions-

- Athletic fields may be irrigated between the hours of 9:00 p.m. and 10:00 a.m. at a rate not to exceed one inch per application or more than a total of one inch in multiple applications during any ten-day period. All irrigation water must fall on playing surfaces with no outlying areas receiving irrigation water directly from irrigation heads.
- Athletic fields may be irrigated between the hours of 9:00 p.m. and 10:00 a.m. during necessary overseeding, sprigging or resodding operations at the minimum rate necessary for a period that does not exceed 60 days. Irrigation rates during this restoration period may not exceed one inch of applied water in any seven-day period.
- All allowed athletic field irrigation must be applied in a manner to assure that no runoff, puddling or excessive watering occurs.
- Irrigation is prohibited on athletic fields that are not scheduled for use within the next 120-day period.

2. Use of Fire Hydrants

Exceptions-

- Except for necessary governmental operations such as firefighting, health protection purposes, or certain testing and drills by the fire department as approved by the local government or waterworks operator

3. Washing of paved surfaces such as streets, roads, sidewalks, driveways, garages, parking areas, tennis courts, and patios; flushing of sewers and hydrants

Exceptions-

- Surfaces may be washed with hand held containers not exceeding three (3) gallons in capacity. Washing should not occur during the heat of the day.
- As needed to ensure public health and safety, and approved by the local government or waterworks operator

4. Washing or cleaning of mobile equipment including automobiles, trucks, trailers and boats

Exceptions-

- Mobile equipment may be washed at car washes that utilize reclaimed water as part of the wash process or reduce water consumption by at least 10% when compared to a similar period when water use restrictions were not in effect. Any facility operating a reclaimed water system must prominently display, in public view, a sign stating that such a recycling system is in operation.
- Mobile equipment may be washed using hand held containers not exceeding three (3) gallons in capacity or hand held hoses equipped with automatic shutoff devices provided that no mobile equipment is washed more than once per calendar month and the minimum amount of water is utilized.
- Automobile dealers and rental agencies may wash cars that are in inventory no more than once per week utilizing hand held containers not exceeding three (3) gallons in capacity, hoses equipped with automatic shutoff devices, automated equipment that utilizes reclaimed water as part of the wash process, or automated equipment where water consumption is reduced by at least 10% when compared to a similar period when water use restrictions were not in effect.

5. Use of water for the operation of ornamental fountains, artificial waterfalls, misting machines, and reflecting pools

Exceptions-

- Fountains and other means of aeration necessary to support aquatic life are permitted.

6. Filling and topping off outdoor swimming pools

Exceptions-

- Newly built or repaired pools may be filled to protect their structural integrity.
- Outdoor pools operated by commercial ventures, community associations, recreation associations, and similar institutions open to the public may be refilled as long as:
 - Levels are maintained at mid-skimmer depth or lower,
 - Any visible leaks are immediately repaired,

- Backwashing occurs only when necessary to assure proper filter operation,
- Deck areas are washed no more than once per calendar month (except where chemical spills or other health hazards occur),
- All water features (other than slides) that increase losses due to evaporation are eliminated, and
- Slides are turned off when the pool is not in operation.
- Swimming pools operated by health care facilities used in relation to patient care and rehabilitation may be filled or topped off.

7. Serving of water in restaurants, clubs, or eating-places

Exceptions-

- May only be allowed at the specific request of the customer

The NSVRC staff will continue to receive monthly reports from system operators maintain database; share information for local jurisdictions; monitor the Virginia Department of Environmental Quality (DEQ) and U.S. Geological Survey (USGS) websites; serve as a regional liaison assisting localities to publish notices of alert levels and water restrictions. In addition, staff will maintain a list of mandatory water conservation actions on the NSVRC website and news media.

Local governments and water utilities may impose more stringent watering schedules. Citizens are encouraged to contact their local water providers for more specific guidance. The water use restrictions during an emergency stage will be enforced by the locality and a violation of the ordinance will be a misdemeanor with a penalty fine determined by the locality where the violation occurred.

This Drought Response Plan is designed to present the best available practices to date; however, the plan remains flexible to incorporate best technologies as available and actual practices that were determined to be most suitable in response to real droughts. The contents of this Drought Response Plan are subject to revision a minimum of every five years, in accordance with state regulations. In addition, in the event of a drought, practices and actions that best support drought remediation will be substituted in future plans.

The Counties of Clarke and Warren currently have a drought response plan in place. In addition, Frederick County has a FCSA Drought management Plan.

Addenda to Chapter 7: Water supply systems

(Surface Water = SW, Groundwater = GW)

North Fork Shenandoah Watershed by Locality from South to North on the North Fork of the Shenandoah River

- Town of New Market – Groundwater wells (6 wells)
- Town of Mount Jackson – GW wells (5 wells)
- Town of Edinburg – GW wells (2 wells)
- Town of Woodstock – SW intake on North Fork Shenandoah River
- Shenandoah County – Stoney Creek Sanitary District GW wells (7 wells)
- Town of Toms Brook – GW wells (2 wells)
- Town of Strasburg – SW intake on North Fork Shenandoah River
- City of Winchester – SW intake on the North Fork Shenandoah

South Fork Shenandoah Watershed by Locality from South to North on the South Fork of the Shenandoah River

- Town of Shenandoah – GW wells (3 wells)
- Town of Stanley – GW wells (6 wells)
- Town of Luray – 2 Springs and 1 GW well
- Page County - provided by town of Stanley & GW well system
- Warren County
- Town of Front Royal – SW intakes on Sloan Creek, Happy Creek, South Fork of the Shenandoah River

Main Stem of the Shenandoah Watershed by Locality from South to North on the Main Stem Shenandoah River

- Town of Middletown – purchase water from City of Winchester
- Town of Stephens City – purchase water from Frederick County Sanitation Authority (FCSA)
- Frederick County – FCSA Quarries, 3 GW wells, purchase from Winchester
- City of Winchester – SW intake on the North Fork of the Shenandoah River
- Clarke County – Spring water
- Town of Boyce – from Clarke County Service Authority (CCSA)
- Town of Berryville – SW stream intake Shenandoah River (main stem)

8.0 STATEMENT OF NEED

Winchester:

The City of Winchester has two water sources (river intake and a spring) with a combined maximum capacity of 15 MGD. The future growth scenarios increase the demand to 9.11 MGD. This demand can be met by the existing sources, with an estimated 5.9 MGD surplus in water supply, as presented below.

Clarke County, Towns of Berryville and Boyce:

Town of Berryville:

Berryville will meet future projected water needs through 2040 based on uses presented below. However, peak water usage in 2040 exceeds the current VDH permitted capacity of water. Therefore, a new permit would be necessary for increased water withdrawal. In addition, implementation of water conservation techniques will decrease water use by 20% thereby, resulting in future peak days demands to be met by existing sources.

Town of Boyce:

The existing supplies and permits for water for the Town of Boyce will meet future water demands to 2040 based on water uses projected below. It should be noted that a decrease in per capita usage of 132 gpd/user would also decrease water demand. A peak factor of 1.2 was used to predict water use on peak days. If a peaking rate of 1.5 were used, the peak day water use by 2040 would not be met, although the annual water demand for 2040 would be satisfied.

Frederick County, Towns of Middletown and Stephens City:

In Frederick County there are two towns, both of which purchase water from another locality or entity. The Town of Middletown purchases water from the City of Winchester. The Frederick County Sanitation Authority provides water wholesale to the Town of Stephens City. In addition, Frederick County Sanitation Authority provides water to County residents located in the vicinity near the City of Winchester.

Estimates of future water demand for those serviced by the Frederick County Sanitation Authority include residential water demand, commercial demand, sales to Stephens City, and unaccounted for losses. Several assumptions were made including the demand by commercial light industrial users and will remain the same from 2008 through 2040. The quantity of water to be sold to Stephens City will remain the same from 2008 through 2040, and the unaccounted for system losses will remain the same from 2010 through 2040, assuming appliance efficiency and distribution upgrades occur. The projected number of residents to be serviced by the Frederick County Sanitation Authority was assumed to remain proportionate to the overall County population from 2008 and 2010. If the Sanitation Authority service area increases based on the projections below and the assumptions of water loss, sales, and commercial demand remain static, the demands projected through 2040 are as follows.

The permitted design capacity for the quarries supplying Frederick County Sanitation Authority is 4.928 million gallons per day (MGD). The Bartonsville well site has a capacity of 0.5 MGD totaling 5.42 MGD

capacity. The Frederick County Sanitation Authority also purchases up to 2 MGD from the City of Winchester. Therefore, the sum total of existing water available to Frederick County Sanitation Authority is 7.92 MGD. Based on an available current supply of 7.92 MGD, a deficit of water in Frederick County is anticipated to occur between 2020 and 2030. If the Frederick County Sanitation Authority service area continues to serve the same percent of the County population as it increases over time, there will be a proportional increase in residents served by the Sanitation Authority. However, it should be noted that the Virginia Department of Health recommends that once a locality’s water demand exceeds 80% of the source capacity, additional water should be secured. The water demand projected for 2020 is 7.83 MGD which exceeds 80% of the 7.92 source capacity. The Sanitation Authority continuously is looking to expand its capacity to meet the growing needs of their community. In order to meet its planning needs, Frederick County Sanitary Authority is continually looking at expanding its sources and other purveyors.

Town of Middletown:

The Town of Middletown is anticipated to use water at the rates projected below. Given those rates, the Town will need to look for sources of water by 2030 to meet the demand that will exceed the existing water purchase contract with the City of Winchester. The existing water contract is capped for Middletown at 0.238 MGD. It should be noted, these preliminary projections of water are based on a per capita water daily demand that exceeds state averages (152 gallons per day). Calculations using state averages of 125 gpd per person would lower the demand. Measures of conservation and other reduction implementation strategies could also significantly reduce the water demand and thereby not necessitate additional water supplies for the future planning period.

Town of Stephens City:

The Town of Stephens City has water supplied by the Frederick County Sanitation Authority. Based on projections, the Town of Stephen City water use is expected to be met by the existing water system and supplies through 2040.

Page County, and Towns of Luray, Shenandoah, and Stanley

Based on the ubiquitous nature of groundwater underlying Page County, future demands are anticipated to be met with groundwater wells.

Town of Luray:

All future users for water in the Town of Luray are anticipated to be met by the existing water supplies and permitted capacity to the year 2040. The peak demand for 2040 potentially exceeds the permitted capacity by 2030; however, daily consumptive uses could implement conservation to extend the supply of the sources to satisfy future uses.

Disaggregated water use was available for the Town of Luray and is presented below:

Water System Name	System Total (MGD)	Residential (MGD)	Commercial Institutional Light Industrial (gpd)	Heavy industrial (MGD)	Unaccounted for Losses

Luray	.944	0.392 (0.1% increase expected) (80 gpd x 4,895 residents in 2010)	(0.152 MGD) 650/conn - Comm 2,125 /conn - Lt Ind (.13% = 4 new expected)	0.45/user (0.07% increase expected or 2 new)	0.331 (averages 35%)
-------	------	---	--	--	----------------------

Town of Shenandoah:

Even with a higher than average per capita usage, the Town of Shenandoah is anticipated to have all future water demands met by their exiting supplies. See the summary below of future use projections and have a surplus of 0.3 MGD.

Town of Stanley:

Future water demands are anticipated to be met by existing water supplies for the Town of Stanley through 2040 with a surplus of 0.05 MGD for peak days by 2040.

Shenandoah County, Towns of Edinburg, Mt. Jackson, New Market, Strasburg, Toms Brook, and Woodstock:

Based on future water use in Shenandoah County the existing water supplies from Stoney Creek Sanitary District and groundwater wells are anticipated to meet future water use. It is assumed that future development outside water supply service areas will require well development to support housing in rural areas.

Town of Edinburg:

Future Water uses are anticipated to be met by the existing water supplies in the Town of Edinburg through the planning period to 2040. As is (with no conservation practices implemented), the 2040 average demand would be met by existing wells supplies with a surplus of 0.172 MGD.

Town of Mount Jackson:

The Town of Mount Jackson will have all water demands met by existing supplies. The per capita water usage rate was fairly low for Mount Jackson. The peaking rate was also low for the Town, at 1.2. The Town will have a surplus of 0.26 MGD in 2040 for average daily use, and a surplus of 0.172 MGD for peak days by 2040.

Town of New Market:

The Town of New Market will have all future water demands up through 2040 satisfied by existing Town water sources. By 2040, there will be a surplus of 1.238 MGD on peak days and a surplus of 1.779 MGD on average daily usage days.

Town of Strasburg:

The Town of Strasburg will have water demands met through Town supplies throughout the planning period of 2040. Based on increased permitted source to 3 MGD it is estimated that given the usage

predicted in this Plan, by 2040 the Town will have a surplus of 1.72MGD for average daily use and a surplus of 1.55 MGD for peak days.

Town of Toms Brook:

The Sanitary District has a permitted capacity of 0.298 MGD. Calculated future water use for the Town of Toms Brook will be met throughout the planning horizon of 2040 with a surplus of water from the existing source, Sanitary District.

Town of Woodstock:

The Town of Woodstock will be able to satisfy all water demands through 2040 from the Town intake on the Shenandoah River. Based on demand calculations, there will be a water surplus of 0.137 MGD by 2040 on peak days and a surplus of 0.191 MGD on average daily use days.

Warren County and the Town of Front Royal:

The projected future water demands in Warren County are anticipated to be met through 2040. In general, additional rural development will require groundwater well construction to meet future needs in areas outside community water service systems.

Town of Front Royal:

Projected water use in the Town of Front Royal was calculated from 2008 water average daily water use of 2.048 MGD and peak day usage in 2008 was 3.35 MGD. Based on projected uses, the Town of Front Royal will meet residential water use and peak uses through 2040 with a permitted capacity of 4 MGD. It should be noted that disaggregated water use for other sectors such as business and system losses is not included in this estimated demand (was not reported for by most Towns).

9.0 ALTERNATIVES ANALYSIS

Improvements to existing water supply sources will increase the water yield available for many localities. In the table below, the limiting capacity for sources is noted, with likely yields available as noted on Virginia Department of Health engineering design sheets.

Locality	Source	Source Capacity MGD	Notes
Clarke County	Prospect Hill Intake	0.18	
	Private CWS Groundwater	0.0728	
Berryville Town	Shenandoah River intake	0.864	
Boyce Town	CCSA (incl above)		
Frederick County	Quarries	4.9 + 0.5 (5.42)	Expansion of quarries being considered. Potential increased yield dependent upon geotechnical analyses.
	FCSA 3 Groundwater wells	1.993	Combined permitted (not used)
	Winchester purchase	2	
	Private CWS Combined Groundwater	0.749	
Middletown Town	Purchase from Winchester	0.238	Currently averging 0.11 MGD
Stephens City Town	Purchase from Fred Co Sanitation Authority	5.42	
Page County	Private CWS Groundwater	0.101	
Luray Town	Yager Spring	8.0+	Currently not developed.
Shenandoah Town	Wells combined	0.601	
Stanley Town	Wells combined	0.806	
Shenandoah County	Sanitary District CWS wells	0.393	
	Private CWS	0.129	Max design Capacity = 0.609
	George's Chicken Private CWS	14.98	
Edinburg Town	Wells combined	0.24	Max design = 0.432
Mount Jackson Town	Wells combined	0.699	Plus 2 additional wells not in system but permitted
New Market Town	Wells combined	2.92	Some well yields unknown
Strasburg Town	Intake, Shenandoah River	1	New intake permitted 3MGD
Toms Brook Town	Purchase from Sanitary District wells	0.298	
Woodstock Town	intake Shenandoah River	2.02	
Warren County	Private CWS combined Groundwater	0.387	Max 0.4104 MGD
Front Royal Town	Intakes combined on South Fork	3	(Additional Spring purchased, not on-line)
Winchester City	Shenandoah River Intake North Fork	14	
	2 Springs Faye		not tied into system, located 3-4 miles north of City

To meet long-term water supply demands, decision-makers can consider the following options, or combinations of these options, to supplement existing water resources: water conservation, water reuse, groundwater recharge, and desalination. Water conservation is an effective method where saved water can compensate for additional demand. A gallon of water that is conserved by one user essentially 'creates' a gallon of water for another user. Ensuring water conservation not just during drought but also during normal years requires public education programs. However, conservation by itself is unlikely to meet increased water demand.

Water reuse is another option. Currently, reclaimed water is reused in industry and agriculture in the U.S. and other countries. Similar to water conservation, each gallon of reused water substitutes for a gallon of water that from natural sources. An example of a successful water reuse strategy is the Occoquan reservoir system in northern Virginia. The Upper Occoquan Sewage Authority (UOSA) Water Reclamation Facility is one of the nation's largest and most successful projects for the indirect reuse of reclaimed water to supplement a public surface water supply. Implementation of reuse strategies in other localities involves revisions to public perception and public policy.

Preservation and restoration of groundwater aquifers is another water conservation option. Elements of long-term water supply planning should include protecting aquifer recharge zones, and increasing subsurface infiltration and groundwater recharge by implementing low-impact development techniques such as forestation and bioretention in urban and suburban areas. Underground storage of excess water in half-empty aquifers during wet periods and artificial recharge of highly treated wastewater are options to be studied for their potential to meet future water demand.

There are several measures, or a combination of measures, that Virginia can implement to meet future water demand. However, some of the conventional methods to meet future water demands may not be considered practical or economical any longer. For example, building dams and reservoirs, one of the popular water storage and supply measures, may not be viable solutions because of the high cost of acquiring land, and meeting environmental and regulatory requirements. During past decades, interwatershed water transfer has supplied water to some regions of the state. However, long-term economic, environmental, regulatory, and societal implications of future water transfer projects remains uncertain. Some localities are working on alternative options to meet future water needs should such an event arise. Specifically, the Town of Edinburg has considered four alternative water supplies in the event that would be needed to meet future water demands. The four alternatives are listed below:

1. The current Well #1 is located over an underground aquifer pooled as in an underground lake. The Town has discussed enlarging the well at this site to allow for more water withdrawal, since the water treatment plant is also on site and could treat more water if it was available.
2. The Town has discussed going back to using our mountain springs as part of the Town Source wellhead protection plan. The Town still owns 14 acres of land with the springs within the National Forest. The water lines are still in place connecting to an old Town reservoir. If pursued, this alternative would require infrastructure improvements to the pipes. The plan would be to use an existing 500,000 gallon concrete reservoir as a raw water tank and place a small treatment plant on the site for finished water. The Town currently has a 100,000-gallon storage tank at the site and could construct additional storage there for finished water. This would be sent to Town in the existing water line that crosses the River from the reservoir property.
3. A third alternative water supply the Town has considered is the location of a large spring less than a quarter mile from Edinburg's current Water Treatment Plant. It is estimated at 1,000,000 gallons a day and is not directly associated with the Town's current wells. A pump station could be constructed at this spring and a raw water line installed to convey the water to the current water treatment plant.
4. A fourth alternative includes the possibility of joining interconnections with the Town of Woodstock's water supply. A recent line construction has moved Woodstock's system closer to Edinburg, which was sized to allow for future extension south, toward Edinburg.

Appendices

Threatened and Endangered Species in the Northern Shenandoah Valley Planning Region Aquatic Habitats

VaFWIS Search Report Compiled on 1/6/2010, 2:45:00 PM

Database Search in (840) Winchester City [County], VA

73 Known or Likely Species ordered by Status Concern for Conservation
(displaying first 29) (29 species with Status* or Tier I**)

BOVA Code	Status*	Tier**	Common Name	Scientific Name	Confirmed	Database(s)
030062	ST	I	Turtle, wood	Glyptemys insculpta		BOVA,HU6
040096	ST	I	Falcon, peregrine	Falco peregrinus	Yes	CBC
040129	ST	I	Sandpiper, upland	Bartramia longicauda		BOVA
040293	ST	I	Shrike, loggerhead	Lanius ludovicianus	Yes	BOVA,HU6,CBC
100155	FSST	I	Skipper, Appalachian grizzled	Pyrgus wyandot		BOVA,HU6
040093	FSST	II	Eagle, bald	Haliaeetus leucocephalus	Yes	BOVA,HU6,CBC
040292	ST		Shrike, migrant loggerhead	Lanius ludovicianus migrans		BOVA
100248	FS	I	Fritillary, regal	Speyeria idalia idalia		BOVA,HU6
100256	FS	II	Crescent, tawny	Phyciodes batesii batesii		BOVA,HU6
040372	SS	I	Crossbill, red	Loxia curvirostra	Yes	CBC
040306	SS	I	Warbler, golden-winged	Vermivora chrysoptera		BOVA,HU6
040213	SS	II	Owl, northern saw-whet	Aegolius acadicus	Yes	HU6,CBC
040266	SS	II	Wren, winter	Troglodytes troglodytes	Yes	BOVA,CBC
040094	SS	III	Harrier, northern	Circus cyaneus	Yes	BOVA,HU6,CBC
040204	SS	III	Owl, barn	Tyto alba pratincola	Yes	BOVA,HU6,CBC

040270	SS	III	Wren, sedge	Cistothorus platensis		HU6
030012	CC	IV	Rattlesnake, timber	Crotalus horridus		HU6
040264	SS	IV	Creepers, brown	Certhia americana	Yes	BOVA,HU6,BBA,CBC
040364	SS		Dickcissel	Spiza americana		BOVA
040366	SS		Finch, purple	Carpodacus purpureus	Yes	BOVA,CBC
040285	SS		Kinglet, golden-crowned	Regulus satrapa	Yes	BOVA,CBC
040112	SS		Moorhen, common	Gallinula chloropus cachinnans		BOVA
040262	SS		Nuthatch, red-breasted	Sitta canadensis	Yes	BOVA,CBC
040210	SS		Owl, long-eared	Asio otus	Yes	CBC
040278	SS		Thrush, hermit	Catharus guttatus	Yes	BOVA,CBC
040314	SS		Warbler, magnolia	Dendroica magnolia		BOVA
050045	SS		Otter, northern river	Lontra canadensis lataxina		BOVA
040225		I	Sapsucker, yellow-bellied	Sphyrapicus varius	Yes	BOVA,CBC
040319		I	Warbler, black-throated green	Dendroica virens		BOVA

VaFWIS Search Report Compiled on 1/6/2010, 2:51:11 PM

Database Search in (069) Frederick [County], VA

91 Known or Likely Species ordered by Status Concern for Conservation
(displaying first 38) (38 species with Status* or Tier I**)

BOVA Code	Status*	Tier**	Common Name	Scientific Name	Confirmed	Database(s)
050023	FESE	I	Bat, Indiana	Myotis sodalis		HU6
070001	FTST	II	Isopod, Madison Cave	Antrolana lira		HU6
040267	SE	I	Wren, Bewick's	Thryomanes bewickii	Yes	BOVA,BBS
060006	SE	II	Floater, brook	Alasmidonta varicosa		HU6

060201	FSSE	II	Springsnail, Appalachian	Fontigens bottimeri	Yes	HU6,TEWater
030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes	BOVA,HU6,Collections,TEWater
040096	ST	I	Falcon, peregrine	Falco peregrinus	Yes	BOVA,BBA,CBC
040129	ST	I	Sandpiper, upland	Bartramia longicauda	Yes	BOVA,HU6,BBA,BBS
040293	ST	I	Shrike, loggerhead	Lanius ludovicianus	Yes	BOVA,HU6,BBA,BBS,CBC,Collections
100155	FSST	I	Skipper, Appalachian grizzled	Pyrgus wyandot		BOVA,HU6
040093	FSST	II	Eagle, bald	Haliaeetus leucocephalus	Yes	BOVA,HU6,CBC
060081	ST	II	Floater, green	Lasmigona subviridis	Yes	HU6,Collections
040292	ST		Shrike, migrant loggerhead	Lanius ludovicianus migrans		BOVA
100248	FS	I	Fritillary, regal	Speyeria idalia idalia		BOVA,HU6
100343	FS	II	Beetle, thin-neck cave	Pseudanophthalmus parvicollis		HU6
100256	FS	II	Crescent, tawny	Phyciodes batesii batesii		BOVA,HU6
060029	FSSS	III	Lance, yellow	Elliptio lanceolata		HU6
040372	SS	I	Crossbill, red	Loxia curvirostra	Yes	CBC
040306	SS	I	Warbler, golden-winged	Vermivora chrysoptera		BOVA,HU6
040213	SS	II	Owl, northern saw-whet	Aegolius acadicus	Yes	HU6,CBC
040266	SS	II	Wren, winter	Troglodytes troglodytes	Yes	BOVA,CBC
040094	SS	III	Harrier, northern	Circus cyaneus	Yes	BOVA,HU6,CBC,Collections
040204	SS	III	Owl, barn	Tyto alba pratincola	Yes	BOVA,HU6,BBA,CBC,Collections
040270	SS	III	Wren, sedge	Cistothorus platensis		HU6
060071	SS	III	Lampmussel, yellow	Lampsilis cariosa		HU6

030012	CC	IV	Rattlesnake, timber	Crotalus horridus		HU6
040264	SS	IV	Creeper, brown	Certhia americana	Yes	BOVA,HU6,BBA,CBC,Collections
040364	SS		Dickcissel	Spiza americana	Yes	BOVA,BBA
040366	SS		Finch, purple	Carpodacus purpureus	Yes	BOVA,CBC
040285	SS		Kinglet, golden-crowned	Regulus satrapa	Yes	BOVA,CBC
040112	SS		Moorhen, common	Gallinula chloropus cachinnans		BOVA
040262	SS		Nuthatch, red-breasted	Sitta canadensis	Yes	BOVA,CBC
040210	SS		Owl, long-eared	Asio otus	Yes	CBC
040278	SS		Thrush, hermit	Catharus guttatus	Yes	BOVA,CBC
040314	SS		Warbler, magnolia	Dendroica magnolia		BOVA
050045	SS		Otter, northern river	Lontra canadensis lataxina		BOVA
040225		I	Sapsucker, yellow-bellied	Sphyrapicus varius	Yes	BOVA,CBC
040319		I	Warbler, black-throated green	Dendroica virens		BOVA

To view **All 91 species** [View 91](#)

* FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FP=Federal Proposed; FC=Federal Candidate; FS=Federal Species of Concern; SC=State Candidate; CC=Collection Concern; SS=State Special Concern

** I=VA Wildlife Action Plan - Tier I - Critical Conservation Need; II=VA Wildlife Action Plan - Tier II - Very High Conservation Need; III=VA Wildlife Action Plan - Tier III - High Conservation Need; IV=VA Wildlife Action Plan - Tier IV - Moderate Conservation Need

[View Map of All Query Results from All Observation Tables](#)

Anadromous Fish Use Streams

N/A

Impediments to Fish Passage

(22 records - displaying first 20)

[View Map of All Fish Impediments](#)

ID	Name	River	View Map
1086	BUTLER DAM	BABBS RUN	Yes
1089	CHEROKEE DAM	KECKLEY RUN	Yes
1096	COVE DAM #2	TR-LAUREL RUN	Yes
1090	COVE LAKE DAM #1	TR-LAUREL RUN	Yes
1143	FRESHWATER POND	MINES SPRING RUN	Yes
1095	HIGH VIEW MANOR DAM	HOGUE RUN	Yes
1099	IZAACK WALTON PARK POND	TR-OPEQUON CREEK	Yes
1097	LAKE FREDRICK DAM	CROOKED RUN	Yes
1104	LAKE ISAACS DAM	ISAAC CREEK	Yes
1103	LAKESIDE LAKE	TR-OPEQUON CREEK	Yes
1091	LEHMANS DAM	GOUGH RUN	Yes
1094	MEADOWLAKE DAM	HUGUE CREEK	Yes
1093	PLEASANT VALLEY LAKE DAM	TR-FURNACE BRANCH	Yes
1100	SEVEN VISTAS DAM	TR-CEDAR CREEK	Yes
1092	SHEPPARD LAKE DAM	TR-OPEQUON CREEK	Yes
1087	SILVER LAKE DAM	PARRISH RUN	Yes
1088	ST. CLAIR DAM	BABBS RUN	Yes
1145	STEPHENS PARK DAM	TR-CROOKED RUN	Yes
1098	SUMMIT DAM	ISAACS CREEK	Yes
1144	TAILINGS POND	MINES SPRING RUN	Yes

To view All 22 Fish Impediment records [View 22](#)

Colonial Water Bird Survey

N/A

Threatened and Endangered Waters

(35 Reaches - displaying first 20)

[View Map of All Threatened and Endangered Waters](#)

Stream Name	T&E Waters Species						View Map
	Highest TE *	BOVA Code, Status *, Tier **, Common & Scientific Name					
Buffalo Marsh Run (02070006)	FSSE	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes
		060201	FSSE	II	Springsnail, Appalachian	Fontigens bottimeri	
Buffalo Marsh Run (02070006)	FSSE	060201	FSSE	II	Springsnail, Appalachian	Fontigens bottimeri	Yes
Unnamed trib. of Hogue Creek (02070004)	FSSE	060201	FSSE	II	Springsnail, Appalachian	Fontigens bottimeri	Yes
Albin Run (02070004)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes
Babbs Run (02070004)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes
Back Creek (02070004)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes
Bear Run (02070004)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes
Brush Creek (02070004)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes
Cedar Creek (02070006)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes
Crockett Run (02070004)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes

Dry Run (02070004)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes
Duck Run (02070006)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes
Fall Run (02070006)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes
Froman Run (02070006)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes
Furnace Run (02070006)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes
Gap Run (02070004)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes
Gravel Springs Run (02070006)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes
Green Spring Run (02070004)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes
Hogue Creek (02070004)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes
Isaacs Creek (02070004)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes
Laurel Run (02070004)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes
Little Brush Creek (02070004)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes

To view All 35 Threatened and Endangered Waters records [View 35](#)

VaFWIS Search Report Compiled on 1/6/2010, 2:53:56 PM

Database Search in (043) Clarke [County], VA

86 Known or Likely Species ordered by Status Concern for Conservation
(displaying first 33) (33 species with Status* or Tier I**)

BOVA Code	Status*	Tier**	Common Name	Scientific Name	Confirmed	Database(s)
070001	FTST	II	Isopod, Madison Cave	Antrolana lira	Yes	HU6,Collections
060006	SE	II	Floater, brook	Alasmidonta varicosa		HU6
030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes	BOVA,HU6,TEWater

040096	ST	I	Falcon, peregrine	Falco peregrinus	Yes	CBC
040129	ST	I	Sandpiper, upland	Bartramia longicauda	Yes	BOVA,HU6,BBA,Collections
040293	ST	I	Shrike, loggerhead	Lanius ludovicianus	Yes	BOVA,HU6,BBA,CBC,Collections
100155	FSST	I	Skipper, Appalachian grizzled	Pyrgus wyandot		HU6
040093	FSST	II	Eagle, bald	Haliaeetus leucocephalus	Yes	BOVA,HU6,BBA,CBC,Collections
060081	ST	II	Floater, green	Lasmigona subviridis		HU6
040292	ST		Shrike, migrant loggerhead	Lanius ludovicianus migrans		BOVA
100248	FS	I	Fritillary, regal	Speyeria idalia idalia		BOVA,HU6
100256	FS	II	Crescent, tawny	Phyciodes batesii batesii		HU6
040372	SS	I	Crossbill, red	Loxia curvirostra	Yes	CBC
040306	SS	I	Warbler, golden-winged	Vermivora chrysoptera	Yes	BOVA,HU6,BBA
040213	SS	II	Owl, northern saw-whet	Aegolius acadicus	Yes	HU6,CBC,Collections
040266	SS	II	Wren, winter	Troglodytes troglodytes	Yes	BOVA,CBC
040094	SS	III	Harrier, northern	Circus cyaneus	Yes	BOVA,HU6,CBC
040204	SS	III	Owl, barn	Tyto alba pratincola	Yes	BOVA,HU6,CBC
040270	SS	III	Wren, sedge	Cistothorus platensis		BOVA,HU6
030012	CC	IV	Rattlesnake, timber	Crotalus horridus		HU6
040264	SS	IV	Creeper, brown	Certhia americana	Yes	BOVA,HU6,CBC,Collections
040364	SS		Dickcissel	Spiza americana	Yes	BOVA,BBA
040366	SS		Finch, purple	Carpodacus purpureus	Yes	BOVA,CBC,Collections
040238	SS		Flycatcher, yellow-bellied	Empidonax flaviventris	Yes	Collections
040285	SS		Kinglet, golden-crowned	Regulus satrapa	Yes	BOVA,CBC,Collections

040112	SS		Moorhen, common	Gallinula chloropus cachinnans		BOVA
040262	SS		Nuthatch, red-breasted	Sitta canadensis	Yes	BOVA,CBC,Collections
040210	SS		Owl, long-eared	Asio otus	Yes	BOVA,CBC
040278	SS		Thrush, hermit	Catharus guttatus	Yes	BOVA,CBC,Collections
040314	SS		Warbler, magnolia	Dendroica magnolia	Yes	BOVA,Collections
050045	SS		Otter, northern river	Lontra canadensis lataxina		BOVA
040225		I	Sapsucker, yellow-bellied	Sphyrapicus varius	Yes	BOVA,CBC,Collections
040319		I	Warbler, black-throated green	Dendroica virens	Yes	BOVA,Collections

To view **All 86 species** [View 86](#)

* FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FP=Federal Proposed; FC=Federal Candidate; FS=Federal Species of Concern; SC=State Candidate; CC=Collection Concern; SS=State Special Concern

** I=VA Wildlife Action Plan - Tier I - Critical Conservation Need; II=VA Wildlife Action Plan - Tier II - Very High Conservation Need; III=VA Wildlife Action Plan - Tier III - High Conservation Need; IV=VA Wildlife Action Plan - Tier IV - Moderate Conservation Need

[View Map of All Query Results from All Observation Tables](#)

Anadromous Fish Use Streams

N/A

Impediments to Fish Passage

(1 records)

[View Map of All Fish Impediments](#)

ID	Name	River	View Map
1085	SHORT HILL FARM DAM	CRAIG RUN	Yes

Colonial Water Bird Survey

N/A

Threatened and Endangered Waters

(1 Reaches)

[View Map of All Threatened and Endangered Waters](#)

Stream Name	T&E Waters Species						View Map
	Highest TE*	BOVA Code, Status*, Tier**, Common & Scientific Name					
Opequon Creek (02070004)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes

Cold Water Stream Survey (Trout Streams)

Managed Trout Species

VaFWIS Search Report Compiled on 1/6/2010, 2:57:50 PM

Database Search in (139) Page [County], VA

103 Known or Likely Species ordered by Status Concern for Conservation
(displaying first 39) (39 species with Status* or Tier I**)

BOVA Code	Status*	Tier**	Common Name	Scientific Name	Confirmed	Database(s)
020045	FESE	I	Salamander, Shenandoah	Plethodon shenandoah	Yes	BOVA,HU6,Collections
050023	FESE	I	Bat, Indiana	Myotis sodalis		HU6
050035	FESE	II	Bat, Virginia big-eared	Corynorhinus townsendii virginianus		HU6
200010	FEST		Rock-cress, shale barren	Arabis serotina	Yes	Collections
060006	SE	II	Floater, brook	Alasmidonta varicosa		HU6
030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes	BOVA,HU6,Collections,TEWater
040096	ST	I	Falcon, peregrine	Falco peregrinus	Yes	BOVA,HU6,Collections
040129	ST	I	Sandpiper, upland	Bartramia longicauda		BOVA
040293	ST	I	Shrike, loggerhead	Lanius ludovicianus	Yes	BOVA,HU6,BBA,BBS,CBC,Collections
100155	FSST	I	Skipper, Appalachian grizzled	Pyrgus wyandot		HU6

040093	FSST	II	Eagle, bald	Haliaeetus leucocephalus	Yes	BOVA,HU6,Collections
040292	ST		Shrike, migrant loggerhead	Lanius ludovicianus migrans		BOVA
100248	FS	I	Fritillary, regal	Speyeria idalia idalia	Yes	BOVA,HU6,Collections
070011	FS	II	Amphipod, Luray Caverns	Stygobromus pseudospinosus		HU6
100329	FS	II	Beetle, Avernus cave	Pseudanophthalmus avernus		HU6
100337	FS	II	Beetle, Hubbard's cave	Pseudanophthalmus hubbardi		HU6
100344	FS	II	Beetle, Petrunkevitch's cave	Pseudanophthalmus petrunkevitchi		HU6
040372	SS	I	Crossbill, red	Loxia curvirostra	Yes	BBA,CBC
040306	SS	I	Warbler, golden-winged	Vermivora chrysoptera	Yes	BOVA,HU6,BBA
040213	SS	II	Owl, northern saw-whet	Aegolius acadicus	Yes	HU6,CBC
040266	SS	II	Wren, winter	Troglodytes troglodytes	Yes	BOVA,HU6,BBA,CBC,Collections
030063	CC	III	Turtle, spotted	Clemmys guttata		HU6
040094	SS	III	Harrier, northern	Circus cyaneus	Yes	BOVA,HU6,CBC
040204	SS	III	Owl, barn	Tyto alba pratincola	Yes	BOVA,HU6,BBA,CBC,Collections
060071	SS	III	Lampmussel, yellow	Lampsilis cariosa		HU6
030012	CC	IV	Rattlesnake, timber	Crotalus horridus		HU6
040264	SS	IV	Creeper, brown	Certhia americana	Yes	BOVA,HU6,CBC,Collections
040364	SS		Dickcissel	Spiza americana		BOVA
040366	SS		Finch, purple	Carpodacus purpureus	Yes	BOVA,CBC
040285	SS		Kinglet, golden-crowned	Regulus satrapa	Yes	BOVA,BBA,CBC

040112	SS		Moorhen, common	Gallinula chloropus cachinnans		BOVA
040262	SS		Nuthatch, red-breasted	Sitta canadensis	Yes	BOVA,BBA,CBC
040210	SS		Owl, long-eared	Asio otus	Yes	CBC
040278	SS		Thrush, hermit	Catharus guttatus	Yes	BOVA,CBC,Collections
040314	SS		Warbler, magnolia	Dendroica magnolia		BOVA
050045	SS		Otter, northern river	Lontra canadensis lataxina		BOVA
030040		I	Pinesnake, northern	Pituophis melanoleucus melanoleucus		HU6
040225		I	Sapsucker, yellow-bellied	Sphyrapicus varius	Yes	BOVA,CBC
040319		I	Warbler, black-throated green	Dendroica virens	Yes	BOVA,BBA,Collections

To view **All 103 species** [View 103](#)

* FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FP=Federal Proposed; FC=Federal Candidate; FS=Federal Species of Concern; SC=State Candidate; CC=Collection Concern; SS=State Special Concern

** I=VA Wildlife Action Plan - Tier I - Critical Conservation Need; II=VA Wildlife Action Plan - Tier II - Very High Conservation Need; III=VA Wildlife Action Plan - Tier III - High Conservation Need; IV=VA Wildlife Action Plan - Tier IV - Moderate Conservation Need

[View Map of All Query Results from All Observation Tables](#)

Anadromous Fish Use Streams

N/A

Impediments to Fish Passage

(5 records)

[View Map of All Fish Impediments](#)

ID	Name	River	View Map
----	------	-------	----------

1107	DRY RUN DAM #101	DRY RUN	Yes
1106	DRY RUN DAM #102	NORTH DRY RUN	Yes
1109	LURAY	S FK SHENANDOAH R	Yes
1108	NEWPORT	S FK SHENANDOAH R	Yes
1148	SHENANDOAH DAM	SOUTH FORK SHENANDOAH RIVER	Yes

Colonial Water Bird Survey

N/A

Threatened and Endangered Waters

(1 Reaches)

[View Map of All Threatened and Endangered Waters](#)

Stream Name	T&E Waters Species						View Map
	Highest TE *	BOVA Code, Status *, Tier **, Common & Scientific Name					
Passage Creek (02070006)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes

Cold Water Stream Survey (Trout Streams)

Managed Trout Species

VaFWIS Search Report Compiled on 1/6/2010, 3:01:07 PM

Database Search in (171) Shenandoah [County], VA

104 Known or Likely Species ordered by Status Concern for Conservation (displaying first 44) (44 species with Status* or Tier I**)

BOVA Code	Status*	Tier**	Common Name	Scientific Name	Confirmed	Database(s)
050023	FESE	I	Bat, Indiana	Myotis sodalis	Yes	BOVA,HU6,Collections
050035	FESE	II	Bat, Virginia big-eared	Corynorhinus townsendii virginianus		HU6
200010	FEST		Rock-cress, shale barren	Arabis serotina	Yes	Collections

060006	SE	II	Floater, brook	Alasmidonta varicosa	Yes	BOVA,HU6,Collections,TEWater
060201	FSSE	II	Springsnail, Appalachian	Fontigens bottimeri	Yes	HU6,TEWater
030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes	BOVA,HU6,Collections,ObsBook,TEWater
040096	ST	I	Falcon, peregrine	Falco peregrinus	Yes	BOVA,HU6,BBA,CBC,Collections
040129	ST	I	Sandpiper, upland	Bartramia longicauda	Yes	BOVA,HU6,Collections
040293	ST	I	Shrike, loggerhead	Lanius ludovicianus	Yes	BOVA,HU6,BBA,BBS,CBC,Collections
100155	FSST	I	Skipper, Appalachian grizzled	Pyrgus wyandot		HU6
040093	FSST	II	Eagle, bald	Haliaeetus leucocephalus	Yes	BOVA,HU6,CBC,Collections,ObsBook
060081	ST	II	Floater, green	Lasmigona subviridis	Yes	BOVA,HU6,Collections,TEWater
040292	ST		Shrike, migrant loggerhead	Lanius ludovicianus migrans		BOVA
100248	FS	I	Fritillary, regal	Speyeria idalia idalia		BOVA,HU6
060050	FSSS	II	Pigtoe, Tennessee	Fusconaia barnesiana		BOVA
100329	FS	II	Beetle, Avernus cave	Pseudanophthalmus avernus		HU6
100340	FS	II	Beetle, mud-dwelling cave	Pseudanophthalmus limicola		HU6
100343	FS	II	Beetle, thin-neck cave	Pseudanophthalmus parvicollis		HU6
110278	FS	II	PSEUDOSCORPION, CAVE	Mundochthonius holsingeri		HU6
110281	FS	II	PSEUDOSCORPION, CAVE	Chitrella superba		HU6
060029	FSSS	III	Lance, yellow	Elliptio lanceolata		HU6
040372	SS	I	Crossbill, red	Loxia curvirostra	Yes	BBA,CBC

040306	SS	I	Warbler, golden-winged	Vermivora chrysoptera	Yes	BOVA,HU6,BBA,BBS,Collections
020027	SS	II	Salamander, Cow Knob	Plethodon punctatus		BOVA,HU6
040213	SS	II	Owl, northern saw-whet	Aegolius acadicus	Yes	HU6,CBC,Collections
040266	SS	II	Wren, winter	Troglodytes troglodytes	Yes	BOVA,CBC
030063	CC	III	Turtle, spotted	Clemmys guttata		HU6
040094	SS	III	Harrier, northern	Circus cyaneus	Yes	BOVA,HU6,CBC,ObsBook
040204	SS	III	Owl, barn	Tyto alba pratincola	Yes	BOVA,HU6,CBC
060071	SS	III	Lampmussel, yellow	Lampsilis cariosa	Yes	HU6,Collections
030012	CC	IV	Rattlesnake, timber	Crotalus horridus		HU6
040264	SS	IV	Creeper, brown	Certhia americana	Yes	BOVA,HU6,BBA,CBC,Collections
040364	SS		Dickcissel	Spiza americana	Yes	BOVA,Collections
040366	SS		Finch, purple	Carpodacus purpureus	Yes	BOVA,CBC
040241	SS		Flycatcher, alder	Empidonax alnorum		BOVA
040285	SS		Kinglet, golden-crowned	Regulus satrapa	Yes	BOVA,CBC
040112	SS		Moorhen, common	Gallinula chloropus cachinnans		BOVA
040262	SS		Nuthatch, red-breasted	Sitta canadensis	Yes	BOVA,CBC
040210	SS		Owl, long-eared	Asio otus	Yes	CBC,Collections
040278	SS		Thrush, hermit	Catharus guttatus	Yes	BOVA,CBC
040314	SS		Warbler, magnolia	Dendroica magnolia		BOVA
050045	SS		Otter, northern river	Lontra canadensis lataxina		BOVA

040225		I	Sapsucker, yellow-bellied	Sphyrapicus varius	Yes	BOVA,CBC
040319		I	Warbler, black-throated green	Dendroica virens	Yes	BOVA,BBA

To view **All 104 species** [View 104](#)

* FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FP=Federal Proposed; FC=Federal Candidate; FS=Federal Species of Concern; SC=State Candidate; CC=Collection Concern; SS=State Special Concern

** I=VA Wildlife Action Plan - Tier I - Critical Conservation Need; II=VA Wildlife Action Plan - Tier II - Very High Conservation Need; III=VA Wildlife Action Plan - Tier III - High Conservation Need; IV=VA Wildlife Action Plan - Tier IV - Moderate Conservation Need

[View Map of All Query Results from All Observation Tables](#)

Anadromous Fish Use Streams

N/A

Impediments to Fish Passage

(10 records)

[View Map of All Fish Impediments](#)

ID	Name	River	View Map
1153	BURNSHIRE DAM	NORTH FORK SHENANDOAH RIVER	Yes
1123	CARROLL DAM	ALUM RUN	Yes
1127	CHAPMAN	N FK SHENANDOAH	Yes
1128	EDINBURG DAM	NORTH FORK SHENANDOAH RIVER	Yes
1141	MCCAFFREY DAM	NORTH FORK SHENANDOAH RIVER	Yes
1124	SEVEN FOUNTAINS DAM	TR-PASSAGE CREEK	Yes
1122	STONY CREEK DAM #9	STONY CREEK	Yes
1126	STRASBURG DAM	LITTLE PASSAGE CREEK	Yes
1125	WOODSTOCK DAM	LITTLE STONY CREEK	Yes

1129	WUNDER POND DAM	HOLMANS CREEK	Yes
------	---------------------------------	---------------	---------------------

Colonial Water Bird Survey

N/A

Threatened and Endangered Waters

(23 Reaches - displaying first 20)

[View Map of All Threatened and Endangered Waters](#)

VaFWIS Search Report Compiled on 1/6/2010, 3:16:37 PM

Database Search in (187) Warren [County], VA

89 Known or Likely Species ordered by Status Concern for Conservation
(displaying first 36) (36 species with Status* or Tier I**)

BOVA Code	Status*	Tier**	Common Name	Scientific Name	Confirmed	Database(s)
050023	FESE	I	Bat, Indiana	Myotis sodalis		HU6
070001	FTST	II	Isopod, Madison Cave	Antrolana lira	Yes	HU6,Collections
040267	SE	I	Wren, Bewick's	Thryomanes bewickii		BOVA
060006	SE	II	Floater, brook	Alasmidonta varicosa	Yes	BOVA,HU6,Collections,TEWater
030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes	BOVA,HU6,Collections,TEWater
040096	ST	I	Falcon, peregrine	Falco peregrinus	Yes	BOVA,HU6,CBC
040129	ST	I	Sandpiper, upland	Bartramia longicauda	Yes	BOVA,HU6,Collections
040293	ST	I	Shrike, loggerhead	Lanius ludovicianus	Yes	BOVA,HU6,BBA,CBC,Collections
100155	FSST	I	Skipper, Appalachian grizzled	Pyrgus wyandot		HU6
040093	FSST	II	Eagle, bald	Haliaeetus leucocephalus	Yes	BOVA,HU6,CBC
060081	ST	II	Floater, green	Lasmigona subviridis	Yes	HU6,Collections,TEWater
040292	ST		Shrike, migrant loggerhead	Lanius ludovicianus migrans		BOVA

100248	FS	I	Fritillary, regal	Speyeria idalia idalia		BOVA,HU6
100344	FS	II	Beetle, Petrunkevitch's cave	Pseudanophthalmus petrunkevitchi		HU6
040372	SS	I	Crossbill, red	Loxia curvirostra	Yes	CBC
040306	SS	I	Warbler, golden-winged	Vermivora chrysoptera	Yes	BOVA,HU6,BBA
040213	SS	II	Owl, northern saw-whet	Aegolius acadicus	Yes	HU6,CBC
040266	SS	II	Wren, winter	Troglodytes troglodytes	Yes	BOVA,HU6,CBC
030063	CC	III	Turtle, spotted	Clemmys guttata		HU6
040094	SS	III	Harrier, northern	Circus cyaneus	Yes	BOVA,HU6,CBC
040204	SS	III	Owl, barn	Tyto alba pratincola	Yes	BOVA,HU6,CBC
040270	SS	III	Wren, sedge	Cistothorus platensis		HU6
060071	SS	III	Lampmussel, yellow	Lampsilis cariosa	Yes	HU6,Collections
030012	CC	IV	Rattlesnake, timber	Crotalus horridus		HU6
040264	SS	IV	Creeper, brown	Certhia americana	Yes	BOVA,HU6,BBA,CBC,Collections
040364	SS		Dickcissel	Spiza americana		BOVA
040366	SS		Finch, purple	Carpodacus purpureus	Yes	BOVA,CBC
040285	SS		Kinglet, golden-crowned	Regulus satrapa	Yes	BOVA,CBC
040112	SS		Moorhen, common	Gallinula chloropus cachinnans		BOVA
040262	SS		Nuthatch, red-breasted	Sitta canadensis	Yes	BOVA,CBC
040210	SS		Owl, long-eared	Asio otus	Yes	CBC
040278	SS		Thrush, hermit	Catharus guttatus	Yes	BOVA,CBC,Collections
040314	SS		Warbler, magnolia	Dendroica magnolia		BOVA

050045	SS		Otter, northern river	Lontra canadensis lataxina		BOVA
040225		I	Sapsucker, yellow-bellied	Sphyrapicus varius	Yes	BOVA,CBC
040319		I	Warbler, black-throated green	Dendroica virens	Yes	BOVA,BBA

To view **All 89 species** [View 89](#)

* FE=Federal Endangered; FT=Federal Threatened; SE=State Endangered; ST=State Threatened; FP=Federal Proposed; FC=Federal Candidate; FS=Federal Species of Concern; SC=State Candidate; CC=Collection Concern; SS=State Special Concern

** I=VA Wildlife Action Plan - Tier I - Critical Conservation Need; II=VA Wildlife Action Plan - Tier II - Very High Conservation Need; III=VA Wildlife Action Plan - Tier III - High Conservation Need; IV=VA Wildlife Action Plan - Tier IV - Moderate Conservation Need

[View Map of All Query Results from All Observation Tables](#)

Anadromous Fish Use Streams

N/A

Impediments to Fish Passage

(13 records)

[View Map of All Fish Impediments](#)

ID	Name	River	View Map
1138	APPLE MOUNTAIN LAKE DAM	OREGON HOLLOW	Yes
1139	APPLE MOUNTAIN UPPER LAKE DAM	OREGON HOLLOW	Yes
1135	COOLEY DAM	MOLLY CAMEL RUN	Yes
1133	DEER DAM	TR-HOWARDSVILLE BRANCH	Yes
1134	FRONT ROYAL DAM	SLOAN CREEK(OFF STREAM)	Yes
1131	LAKE JOHN DAM	MOLLY BOOTH RUN	Yes
1130	LAKE OF THE CLOUDS DAM	VENUS BRANCH	Yes
1140	LOCH LINDEN DAM	TR-OREGON HOLLOW	Yes

1141	MCCAFFREY DAM	NORTH FORK SHENANDOAH RIVER	Yes
1132	SPRING LAKE DAM	TR-VENUS BRANCH	Yes
1136	SULLIVAN DAM	DRY RUN	Yes
1137	WARREN	SHENANDOAH R	Yes
1147	WINCHESTER WATER SUPPLY DAM	NORTH FORK SHENANDOAH RIVER	Yes

Colonial Water Bird Survey

N/A

Threatened and Endangered Waters

(3 Reaches)

[View Map of All Threatened and Endangered Waters](#)

Stream Name	T&E Waters Species						View Map
	Highest TE *	BOVA Code, Status *, Tier **, Common & Scientific Name					
North Fork Shenandoah River (02070006)	SE	060006	SE	II	Floater, brook	Alasmidonta varicosa	Yes
		060081	ST	II	Floater, green	Lasmigona subviridis	
Cedar Creek (02070006)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes
Passage Creek (02070006)	ST	030062	ST	I	Turtle, wood	Glyptemys insculpta	Yes

Cold Water Stream Survey (Trout Streams)

Managed Trout Species

Clarke County Board of Supervisors

Chesapeake Bay TMDL Local Responsibility Update

by Alison Teetor

Clarke County Board of Supervisors

Clarke County Public Schools School Board Update

CLARKE COUNTY BOARD OF SUPERVISORS
August 16, 2011 Regular Meeting 1:00 p.m.
Main Meeting Room

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, August 16, 2011.

Board Members Present

Barbara Byrd; J. Michael Hobert; John Staelin; David Weiss

Board Members Absent

A. R. Dunning, Jr.

Staff Present

David Ash, Chuck Johnston, Alison Teetor, Tom Judge, Lora B. Walburn

Others Present

Martha Shickle; Jill Keihn; Robina Rich Bouffault; Michael Murphy; Rick Catlett; Keith Dalton; Val Van Meter; Ed Leonard and other citizens

1. Call to Order

Chairman Hobert called the meeting to order at 1:02 p.m.

2. Adoption of Agenda

David Ash announced that the Supervisors were invited attend a luncheon sponsored by the Ruritan at noon on Thursday, August 18, 2011 at the Clarke County Fair Grounds.

David Ash advised that there were no reported items for Item 17 Closed Session.

By consensus, the Board of Supervisors adopted the agenda as presented.

3. Clarke County Public Schools Update

Dr. Michael Murphy, Superintendent - Clarke County Public Schools, appeared before the Supervisors to provide the monthly update for Clarke County public schools. Highlights include:

Students...

- Students are excited (by age group – the younger they are the more excited they seem)

Staff...

- New teacher in-service day was Friday.
- All-Staff Breakfast was yesterday with thanks to many generous sponsors.
- Safety training for custodians, transportation staff, and food service staff took place yesterday.
- Building workshops today and for most of the week; for example, the high school is learning how to better use data to make decisions about teaching and learning
- Division-wide convocation tomorrow
- School starts on Tuesday.

Operations...

- Temporary chiller in place.
- All schools are now wireless.
- Two portables are leaving the division.
- Roofing repairs at JWMS are almost done.
- Most schools are ready for students – still working on the waxing.
- Community Wellness Night set for September 29; details to follow.
- Almost 500 student and staff computers are being deployed this fall.
- WeatherBug application to get lightening alerts is available for iPhones, iPads, Droids.

Curriculum...

- Focus... curriculum alignment in math, English, reading.
- Focus... tailoring professional development to meet instructional needs.
- Focus... reviewing pacing guides to ensure consistency (back to alignment).
- Focus... learning instructional strategies to improve student performance.

- Focus... working on the integration of technology in instruction.
- Focus... data, data, data.
- D.G. Cooley and Boyce Elementary made AYP.

Rick Catlett – Personnel Services

- 53% of returning staff have masters or doctorates.
- New hires to date: 37; 24 licensed staff includes teachers, administrators, speech pathologists, with 60% carrying advanced degree of masters or above; 13 support staff includes custodians and instructional aides.
- Interviews being conducted to fill two additional late vacancies.
- Most teachers are from or trained in Virginia.
- Due to current economy, the Schools have had the benefit of a deep applicant pool including the special education field.
- While the pay scale for a teacher with a bachelor degree lags behind other local jurisdictions, the master degree pay scale is very competitive.

Robina Rich Bouffault - New High School project.

- Shockey portion is 65% complete and on schedule.
- Rough grading and remediation continue due to recent storms.
- Cut across Main Street is on hold until after fair week. Encountered considerable rock and will be slower than originally anticipated.
- Bricking of outside classroom wing is in process and proceeding to other portions.
- Greenhouse foundation is being constructed.
- Colored concrete with water-proof veneer will be used in the art rooms.
- Ceramic tile going into bathrooms
- Final HVAC units on roof should be completed by end of month.
- Door and window installation continues.
- Domestic and sanitary rough in throughout building, as well as electrical
- Sprinkler system to be installed in remainder of building.
- Construction portion of contract – still under global budget for the building.
- VDOT sent construction drawings; and on August 8, the School Board approved following review by Urban Engineering's Jon Erikson. Waiting for confirmation from VDOT regarding reimbursement of costs.
- Supervisor Byrd put forth that comments from her constituents indicated that they were thrilled with the new school.

- Supervisor Byrd asked about a landscaping master plan. Ms. Bouffault stated that Urban had proposed developing a master plan but the School Board voted it down. She further advised that a landscaping master plan was needed even if it became a community project.
- Supervisor Staelin asked about progress on renovation plans for other schools. Ms. Bouffault stated that she had not heard anything further about the other schools. She did confirm that chiller replacement at the current high school was part of planned renovations.
- Dr. Murphy informed the Supervisors that a staff tour of the current high school had been conducted last week. The group is reviewing floor plans and needs for elementary students and tasked with developing and presenting their ideas for best use to the School Board in September.
- Dr. Murphy provided an update on the temporary replacement chiller installed at the current high school. He advised that this was a 3-month rental at an approximate cost of \$30,000 down from the originally reported \$51,000. He stated that the chiller issue needed further analysis.

4. Approval of Minutes

Supervisor Staelin moved to approve the July 14, 2011 Regular Meeting minutes subject to correction of typographical errors. The motion was approved by the following vote:

J. Michael Hobert, Chair	- Aye
David S. Weiss, Vice Chair	- Aye
Barbara J. Byrd	- Aye
A.R. Dunning, Jr.	- Absent
John R. Staelin	- Aye

Verification of July 14, 2011 Closed Session Supervisor Dunning

Due to the absence of Supervisor Dunning, this matter was carried forward to the September 27, 2011 regular meeting.

Chairman Hobert instructed staff to brief Supervisor Dunning of the required verification in advance of the September regular meeting.

5. Consent Agenda

A. Northwestern Community Services FY2012 Performance Contract

In accordance with State requirements, each locality is asked to review and endorse their area Community Service Board's Performance Contract. Pertinent information from the document submitted to the Virginia Department of Behavioral Health and Developmental Services was submitted for review. The document provided reflects allocated Federal, State and local funds, and other reimbursements to be received in order to carry out the work of our Board of Directors for FY 2012. Millard F. Hall, Jr., Chief Executive Officer Northwestern Community Services, is requesting that the performance contract be presented to the respective Board/Council for endorsement.

B. LODA Eligibility for Volunteer Fire and Rescue Companies

Notwithstanding the resolution adopted by the Board of Supervisors on June 21, 2011, specifically naming the Volunteer Fire and Rescue Companies providing service within Clarke County, the VRS has opined that members of those volunteer organizations may not be eligible for benefits offered under the program because Clarke County has not adopted a resolution specifically establishing that the Volunteer Fire and Rescue Companies within Clarke County are "integral" parts of the provision of the official safety program of the County.

Although there are agreements in place with the Fire Companies, they predate the eligibility of the members of the volunteer fire and rescue companies in the LODA program and do not contain the magic language desired by VRS.

I have discussed this matter with Mr. Mitchell and recommend that the Board of Supervisors adopt the following:

"Be it resolved that Blue Ridge Volunteer Fire Company, Inc., Boyce Volunteer Fire Company, Inc., John H. Enders Fire Company, Inc. and Rescue Squad and Shenandoah Farms Volunteer Fire Department, Inc. be hereby recognized by the Clarke County Board of Supervisors as volunteer fire, rescue and emergency medical services organizations providing services within Clarke County as an integral part of the official safety program of Clarke County for the purpose of ensuring that members of said organizations be eligible for benefits provided by the Line of Duty Act set forth in §9.1-400 of the Virginia Code, as amended"

Supervisor Staelin moved to approve Items A and B on the Consent Agenda. The motion carried by the following vote:

J. Michael Hobert, Chair	- Aye
David S. Weiss, Vice Chair	- Aye
Barbara J. Byrd	- Aye
A.R. Dunning, Jr.	- Absent
John R. Staelin	- Aye

6. Citizens Comment Period

Randy Collins, President Top of Virginia Regional Chamber of Commerce: appeared before the Board as a matter of courtesy and to extend an invitation to the Hob Nob in the Valley held in September, as well as to invite the Supervisors to attend local meetings in the County and Berryville, a group of approximately 20 business persons. He stated that the Chambers' mission was to engage in business community and to be a resource for struggling business. He said that the economy had been devastating to some business while others have thrived. Mr. Collins commented that Clarke County businesses have been very supportive of the Chamber.

Chairman Hobert thanked Mr. Collins for the community outreach.

7. VDOT

Edwin Carter, Program Manager, with Cliff Balderson, Residency Maintenance Administrator, and Charlie Monroe, appeared before the Supervisors to provide the monthly update.

- Maintenance work completed in July/August:
 - Used contractors to pave west bound Rte. 723;
 - Completed bridge replacement on Rte. 723 at Powhatan School;
 - Cut brush along Rte. 675 and around signs at various locations;
 - Conducted shoulder work on primaries;
 - Mowed for sight distance issues at various locations and began mowing behind guardrails;
 - Performed patching operations on Rtes. 606, 655, 672 and 761;
 - Repaired drainage issues at various locations;
 - Began grading operations on non-hard surfaced roads.

- Maintenance work planned for August/September:
 - Continue mowing behind the guardrails and begin mowing on the primaries and move on to the secondary's when primaries complete;
 - Continue grading non-hard surfaced roads;
 - Replace bridge deck on Rte. 603, road will be closed starting 8/22/11;
 - Conduct pipe-cleaning operations on Rtes. 7, 340 and 601;
 - Bring in contractor for hazardous tree removal on Rte. 50.

– Other Projects:

- Mosby Road - The Right of Way Department is proceeding with acquisition and the environmental re-evaluation has been completed. Still waiting on final plan approval but expect any day.
- Route 604 - Working on easements still needed for box placement. The deadline for response from the letters to the property owners on the second phase has expired. Nineteen letters were sent out and we have received 11 responses, all were in favor of the project.
- Route 7 Crossovers - The project has been submitted for authorization to bid.
- Route 723 Bridge - The project is proceeding on schedule however traffic engineering is requesting a change in the detour route. The reasoning is one of geometric concerns on the original proposed route. We would like the County's input on the proposed change.

In general, detours are provided for non-locals as local residents tend to pick the route most convenient to their destination. A major consideration is the type of traffic currently using the route, i.e. cars, vans, trucks, etc. Our traffic engineers rode both routes and determined that the green route provided a safer alternative because of geometrics. This includes road width, turns and curves and travel surface. This is reason for the change.

- Route 761 - Scoping and design is in progress.
- Route 340 Safety Issues Near Tobacco Store - In preliminary review, curb warning signs are probably in wrong spot but will need to re-measure and replace with Watch for Turning Vehicles signs. A traffic count is also necessary. Further, VDOT will research the continued appropriateness of the existing School Bus Stop Ahead sign.

Chuck Johnston put forth that the Planning Department had received a redevelopment proposal for this area that would change the topography and physical characteristics that would significantly impact sight.

- Route 603 Closure from Route 7 to Bridge – Closure could extend to three or more weeks and will be closed from both ends. He noted that vehicles could access the monastery but could not go straight through.

– Supervisor Comments:

- Supervisor Byrd – Comments from Constituents.
 - Compliment cleaning of Garden Road.

- Summit Point Road needs shoulder work in several places.
 - Westwood Road by the walnut tree where school buses park requires vegetation removal. Charlie Monroe responded that he had gotten permission from the landowner to trim the trees.
 - Drainage area by Headleys on Senseny Road is deluged with water when it rains.
 - Crims Church Road, Crims curve, land was given by a homeowner to smooth out this curve and VDOT put in the fencing that they are supposed to clean and maintain. Mr. Watson will give VDOT permission to clean this area if his fencing is put back in place.
 - Route 340 by Labasbas property right beyond Clifton Road south bound has a big drop off by the mailbox and constituents have asked if gravel can be placed in this area. Charlie Monroe offered to look at the area.
 - Supervisor Staelin –
 - Route 604: Ed Carter will provide an outline of the issues.
 - Route 601 Toward Route 7: the side of the road is cracking and appears to have no real support. Charlie Monroe responded that VDOT has patched with asphalt material several times but a better fix needs to be identified.
8. **Additional Discussion and to Consider Setting the Regional Water Supply Plan and Ordinance Implementing the Drought Response and Contingency Plan CC-11-04 for Public Hearing at the September 27, 2011 Regular Meeting at 2:00 pm or as Soon Thereafter as the Matter May Be Heard.**

Alison Teetor, Natural Resource Planner, with Jill Keihn and Martha Shickle of the Northern Shenandoah Valley Regional Commission and Chuck Johnston, made a presentation to the Board of Supervisors specific to the Regional Water Supply Plan with an emphasis on population figures gleaned from the Virginia Employment Commission.

Chuck Johnston explained that the proposed adjustments were derived from projected population figures using the most recent 2010 census and focusing on rural areas, as well as adjusting projections for the Towns of Berryville and Boyce. Supervisor Staelin expressed his support for the method used to project town populations. He said that he was satisfied with the adjusted projection of 6% growth in rural areas of the County. He requested that these projections replace those in the draft plan.

Vice Chairman Weiss contributed that these population projections appeared more realistic.

Following discussion, Chuck Johnston requested that public hearing be set using the revised population projections with the revised table.

Supervisor Staelin moved to set moved to set the matter, with modifications to population assumptions as discussed, for public hearing on September 27, 2011 at

Board of Supervisors Meeting Minutes For August 16, 2011 – Regular Meeting

1:00 pm or as soon thereafter as the matter might be heard. The motion carried by the following vote:

J. Michael Hobert, Chair	- Aye
David S. Weiss, Vice Chair	- Aye
Barbara J. Byrd	- Aye
A.R. Dunning, Jr.	- Absent
John R. Staelin	- Aye

Chuck Johnston introduced Martha Shickle, Director Northern Shenandoah Regional Commission.

Martha Shickle informed the Board that VDOT had incorporated their recommendations into the long-range transportation plan and that they would be invited to attend the presentation of the revised plan. She invited the Supervisors to attend the open house for their new offices at 400 Kendrick Lane scheduled for 12 Noon, Thursday, September 29.

9. Additional Discussion Chesapeake Bay TMDL Local Responsibility

Alison Teetor, with Jill Keihn and Martha Shickle, provided a status report.

- The Commission sponsored a meeting on the matter that received strong support. Five persons from Clarke County were in attendance.
- The Commission is there to help navigate dates and deadlines during is very confusing legislative time.
- Multiple suits regarding this legislation may have some impact.
- The Commonwealth is asking localities to present to the EPA what they want and need.
- The DCR is to submit plan to the EPA.
- A group of citizens is interested in helping with the review process and could be helpful checking the numbers and aid the County in developing a plan by the deadline. There is much to be done and cooperation will be needed.
- It was suggested that the plan state what the County believes it can accomplish.
- Need to identify problematic issues.
- Proposed BMPs are not considered realistic and developing a response that challenges the BMPs was suggested.
- The Farm Bureau is willing to help to solidify what the farming community has already done to protect the watershed. They have expressed a desire to be included in the development of the plan and also their desire to comply.

- While federal funding is available, Supervisor Byrd opined that some farmers are opposed to accepting federal money and will need to be persuaded to make the necessary changes to comply with the new regulations.
- Supervisor Staelin said that many feel that the list of choices provided by the EPA to localities is not long enough and given the current rules; and current funding, the County was not going to be able to meet the regulation.
- Vice Chairman Weiss noted that agreeing to a flawed system from the beginning was a set up for failure.
- Chuck Johnston advised that Larry Johnston of Chester Engineering previously informed him that their analysis concluded that even if everything were done Chesapeake Bay standards would still be exceeded. In their analysis, they determined that the most significant source of pollution was stormwater run off from commercial and urban development.
- Following discussion, Chairman Hobert provided the following direction to Alison Teetor:
 - o Work individually with each Supervisor during the development phase.
 - o Determine how to address issues and develop an approach.
 - o Continue to coordinate with the planning district.
 - o Survey of other of rural counties was suggested.
- The Commission agreed to provide updates.

10. Board of Supervisors Personnel Committee

Expiration of Term for appointments expiring through October 2011

<i>Committee/Board</i>	<i>Appointee</i>	<i>Expiration Date</i>
Clarke County Planning Commission	John Turkel	4/30/2015
<i>John Turkel is appointed to the remainder of a four-year term, currently held by Robert Wade, effective 9/15/2011.</i>		
Economic Development Advisory Committee	John Milleson	12/31/2014
<i>John Milleson is appointed as an additional member for term ending 12/31/2014 thereafter being a four-year term.</i>		
Economic Development Advisory Committee	Christie Dunkle	12/31/2011
<i>Ms. Dunkle's, Town of Berryville representative, term be adjusted from 8/31/2011 to 12/31/2011 in order to coincide with the expiration dates of all other members.</i>		

Supervisor Byrd moved to approve the appointments. The motion was approved by the following vote:

J. Michael Hobert, Chair	- Aye
David S. Weiss, Vice Chair	- Aye
Barbara J. Byrd	- Aye
A.R. Dunning, Jr.	- Absent
John R. Staelin	- Aye

Appointee Information Feedback Update

The Personnel Committee instructed staff to clarify a number of apparent omissions and/or inconsistencies in the document. The Personnel committee will be provided with the requested changes and/or explanations at the September 19, 2011 Committee meeting.

David Ash reminded the Supervisor that FOIA council training was scheduled for September 14.

11. Board of Supervisors Work Session

Regional Water Supply Plan

At the August 8, 2011 Work Session, On behalf of the Northern Shenandoah Valley Regional Commission, Jill Keihn and Alison Teetor made a presentation on the regional water supply plan. The Board instructed staff to add this matter on the August 16, 2011 regular meeting agenda for the purpose of additional discussion and to consider setting the regional water supply plan matter proposal for public hearing at the September 27, 2011 regular meeting at 2:00 pm or as soon thereafter as the matter may be heard.

Chesapeake Bay TMDL Local Responsibility. Action

At the August 8, 2011 Work Session, Alison Teetor provided a presentation on the background and status of the implementation of the Chesapeake Bay Total Maximum Daily Load limitations. The Board instructed staff to place this matter on the August 16, 2011 regular meeting agenda for additional discussion.

Building Automation Status

At the August 8, 2011 Work Session, the Board referred the matter to the Finance Committee at its August 11, 2011 meeting for additional discussion and recommendation at the August 16, 2011 regular Board meeting.

Project Updates

At the August 8, 2011 Work Session, on a motion by Vice Chairman Weiss the Board entered Closed Session pursuant to 2.2-3711-(A)(7) regarding negotiations / litigation pertaining to the Berryville Clarke County Government Center HVAC System. On a motion by Vice Chairman Weiss the Board reconvened in open session and executed Certification of Closed Session. No action was taken on matters discussed in Closed Session.

12. Board of Supervisors Finance

Discussion Building Automation

This matter was referred to Finance Committee at 08/08/2011 Work Session.

At the regular meeting, Chairman Hobert provided an update advising that preparation of an agreement that would provide the Board with the ability to review the proposed installation at the Johnson Williams Middle School prior to identifying a County-facility was in process and was to include a provision that provides the Board the opportunity to opt out of additional installation should the building automation systems not prove beneficial.

FY2012 One-time Payment to General Government Employees

The Finance Committee recommends that the County Administrator's recommendation be accepted provided that payout does not exceed more than \$450 per person.

Supervisor Staelin moved to approve the recommendation of the County Administration with the changed amount from \$500 to \$450 per person for the FY2012 one-time payment to general government employees. The motion carried by the following vote:

- J. Michael Hobert, Chair - Aye
- David S. Weiss, Vice Chair - Aye
- Barbara J. Byrd - Aye
- A.R. Dunning, Jr. - Absent
- John R. Staelin - Aye

Supplemental Appropriations

The Finance Committee recommends Board adopt the following resolution: "Be it resolved that FY 11 budgeted expenditures and appropriations be reduced \$37,867 in the General Fund and \$7,689 in the Social Services Fund, and be it further resolved that FY 12 budgeted expenditures and appropriations be increased \$37,867 in the General Fund and \$7,689 in the Social Services Fund. "

Supervisor Staelin moved to approve the recommendation of the Finance Committee. The motion carried by the following vote:

- | | |
|----------------------------|----------|
| J. Michael Hobert, Chair | - Aye |
| David S. Weiss, Vice Chair | - Aye |
| Barbara J. Byrd | - Aye |
| A.R. Dunning, Jr. | - Absent |
| John R. Staelin | - Aye |

Funeral Expenses for Indigent Persons

The Finance Committee discussed the matter with the Sheriff and recommends the Board charge these expenses to the Medical Examiner account as recommended by the Finance Director.

By consensus, the Supervisors accepted the Finance Committee recommendation.

VRS Deferred Compensation Program

"Be it resolved that Nationwide Retirement System Deferred Compensation Program be administered after October 1, 2011 as follows:

1. Balances can remain in the program, or be transferred to the VRS Deferred Compensation Plan.
2. Employees currently contributing on October 1 can continue to contribute to the Nationwide Plan.
3. The Nationwide Plan will be closed to new participation as of October 1.
4. If an employee contributing to the Nationwide Plan as of October 1 begins contributing to the VRS Plan, they can maintain their Nationwide balances, but cannot continue contributions to the Nationwide Plan. "

Subject to provision of information confirming the ease with which employees can transfer balances within the VRS program, the Finance Committee recommends that the Board adopt the Joint Administrative Services Board recommendation to implement the VRS program for future use.

Supervisor Staelin moved to adopt the resolution as shown:

“Be it resolved that Nationwide Retirement System Deferred Compensation Program be administered after October 1, 2011 as follows:

- 1. Balances can remain in the program, or be transferred to the VRS Deferred Compensation Plan.**
- 2. Employees currently contributing on October 1 can continue to contribute to the Nationwide Plan.**
- 3. The Nationwide Plan will be closed to new participation as of October 1.**
- 4. If an employee contributing to the Nationwide Plan as of October 1 begins contributing to the VRS Plan, they can maintain their Nationwide balances, but cannot continue contributions to the Nationwide Plan. "**

He further moved that active employees shall pay the \$7 fee and the County shall pay the \$7 fee for retirees. The motion carried by the following vote:

J. Michael Hobert, Chair	- Aye
David S. Weiss, Vice Chair	- Aye
Barbara J. Byrd	- Aye
A.R. Dunning, Jr.	- Absent
John R. Staelin	- Aye

Cooperative Extension Request for Supplemental Appropriation of \$3,000 to Fund a Proportionate Share of a Horticultural Agent Position

The Finance Committee recommends that the Board approve the funding request.

Supervisor Byrd moved to approve the request for supplemental appropriation of \$3,000 to fund a proportionate share of a horticultural agent position. The motion carried by the following vote:

J. Michael Hobert, Chair	- Aye
David S. Weiss, Vice Chair	- Aye
Barbara J. Byrd	- Aye
A.R. Dunning, Jr.	- Absent
John R. Staelin	- Aye

Resolution In Support of Restoration of State Funding for Aid to Localities

Chairman Hobert provided a brief review of the proposed resolution.

The Finance Committee recommends that the Board approve adoption of the proposed resolution.

Vice Chairman Weiss moved for approval of the proposed resolution subject to completion by Mr. Judge and signing by appropriate County representative. The motion carried by the following vote:

J. Michael Hobert, Chair	- Aye
David S. Weiss, Vice Chair	- Aye
Barbara J. Byrd	- Aye
A.R. Dunning, Jr.	- Absent
John R. Staelin	- Aye

**Resolution In Support of Restoration of State Funding for Aid to Localities
2011-15R**

WHEREAS, state financial assistance for mandated and high priority programs, including public education, health and human services, public safety and constitutional officers, is \$800 million less in FY2012 than in FY2009; and

WHEREAS, cities and counties must balance their budgets during a time in which future state assistance is unreliable, federal stimulus dollars are dwindling, and real estate assessments are declining; and

WHEREAS, the Appropriation Act contains \$60 million in across-the-board cuts to cities and counties for both FY2011 and FY2012, under which localities are required to either elect to take reductions in particular state aid programs, or to send the State a check for the amounts determined by the Department of Planning and Budget ("Local Aid to the State"); and

WHEREAS, the reductions are applied to essential services, including law enforcement, jail administration, foster care and child protection services, election administration and social services; and

WHEREAS, the County of Clarke does not have the authority to unilaterally decide to discontinue providing services such as election administration or to refuse to house and care for State prisoners in local and regional jails; and

WHEREAS, the state budget cuts are not accompanied by any reductions in state-imposed mandates, standards and service requirements, nor do they provide any administrative flexibility for local agencies; and

WHEREAS, the County of Clarke remitted \$78,432 in FY2011 and will be required to remit another \$79,271 in FY2012; and

WHEREAS, cities and counties will have provided the State with \$220 million by the close of FY2012 for this "Local Aid to the State" program; and

WHEREAS, these reductions shift State costs to local taxpayers and artificially increases the amount of state surplus revenue; and

WHEREAS, State revenues have begun to recover and the State is expecting to have a revenue surplus for the second year in a row; and

WHEREAS, revenue collections for the County of Clarke continue to reflect the struggling housing market; and

WHEREAS, the State should not shift its share of the costs for mandates and responsibilities to local governments.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Supervisors of the County of Clarke asks Governor McDonnell to submit a budget amendment to the 2012 session of the General Assembly to reverse the \$60 million-a-year reduction for the current year, FY2012, and to eliminate the aid to localities reduction in the budget submitted for FY2013 and FY2014; and

FURTHER, BE IT RESOLVED, that the members of the General Assembly support a budget amendment to the 2012 session of the General Assembly to reverse the \$60 million-a-year reduction for the current year, FY2012, and to eliminate the aid to localities reduction in the budget submitted for FY2013 and FY2014.

Attest:

J. Michael Hobert, Chairman

Update from Sharon Keeler, Treasurer

At the August 11 Finance Committee Meeting, the members were made aware that the Treasurer had revised the calculation of the distribution of sales tax for Fiscal Years 2009, 2010 and 2011 to reflect school-age population as estimated by the Weldon Cooper Center resulting in the distribution of an additional \$70,000 distribution of sales tax to the Towns of Boyce and Berryville.

Tom Judge summarized the matter at the regular meeting.

Supervisor Staelin provided clarification as to the disparity between the old triennial census and the Weldon Cooper figures. He further noted that the sales tax revenues were over a three-year period. Tom Judge added that it was approximately \$2,000 per month that should have been going to the Towns.

This item required no action by the Board.

Acceptance of June Bills and Claims.

Supervisor Staelin moved to accept the June General Government Bills and Claims as presented. The motion carried by the following vote:

Board of Supervisors Meeting Minutes For August 16, 2011 – Regular Meeting

J. Michael Hobert	-	Aye
David S. Weiss	-	Aye
Barbara J. Byrd	-	Aye
A.R. Dunning, Jr.	-	Aye
John R. Staelin	-	Aye

Standing Reports

This item required no action by the Board.

13. Government Projects Update

Highlights of the monthly project update provided by David Ash included:

- o Circuit Courthouse: Nearly complete. There remains the resolution of the sound continuation panel that was manufactured to fit in the dome of the courtroom but too large pass through the doors; the contractor shall bear all costs to resolve this problem.
- o 106 North Church Street [Former Commonwealth Attorney's Office]: Pursuing minor renovations including paint and floor refinishing. Before work can proceed, the Commonwealth Attorney will need to remove all remaining items.
- o Schools: Maintenance Director Bobby Levi and his staff are busy preparing for school start.
- o Active Living Center: Draft plans were expected today; however, Mike Legge has not heard from the architect.
- o Active Living Center – Urban Property: No further information on this property is available. Bobby Levi has suggested ways to improve curb appeal.
- o Berryville Clarke County Government Center: Parties have reached agreement to agree. The Town and County will front a portion of the funds needed to perform system repair while reserving the right to recover expenditure from the architect and engineer. Repairs should begin within the next two weeks. While this system repair is not a total correction, the work to be performed is necessary to begin the process.
- o General District Court HVAC: In July, Bobby Levi advised the JDR Court Clerk that the repair to ductwork in the JDR office would be scheduled in conjunction with JDR/GDC courtroom repairs and would be subject to the court schedule. Also in July, Maintenance requested that the affected parties provide their respective schedules.

14. Miscellaneous Items

No miscellaneous items were identified or advanced that were not included in the August 16, 2011 Clarke County Board of Supervisors Regular Meeting Agenda.

15. Summary Of Required Action

<u>Item</u>	<u>Description</u>	<u>Responsibility</u>
1.	Correct and process approved minutes.	Lora B. Walburn
2.	Carry forward Verification of Closed Session July 14, 2011 Regular Meeting.	Lora B. Walburn
3.	Brief Supervisor Dunning regarding verification in advance of the meeting.	David Ash
4.	Brief Supervisor Dunning on VDOT consideration of detour route in connection with repair of Route 723 bridge.	David Ash
5.	Execute and forward Northwestern Community Services FY2012 Performance Contract.	David Ash
6.	Provide notice of Board adoption of resolution pertaining to LODA Eligibility for Volunteer Fire and Rescue Companies.	David Ash
7.	Process public hearing notice.	Lora B. Walburn
8.	Modify regional water supply population projections as discussed.	Chuck Johnston
9.	Continue to develop Chesapeake Bay TMDL local response.	Alison Teetor
10.	Process committee appointments.	Lora B. Walburn
11.	Provide payroll with employee listing for one-time payout for general government employees.	David Ash
12.	Execute Deferred Compensation documents.	J. Michael Hobert / David Ash
13.	Process executed Deferred Compensation documents.	Tom Judge
14.	Notify VCE of Board approval the supplemental appropriation of \$3,000 to fund a proportionate share of a horticultural agent position as requested by VCE.	David Ash
15.	Provide FY2011 and FY2012 figures for 2011-15R.	Tom Judge
16.	Process Resolution in Support of Restoration of State Funding for Aid to Localities 2011-15R.	Lora B. Walburn

16. Board Member Committee Status Reports

Supervisor Barbara Byrd

- o Clarke County Humane Foundation: George Ohrstrom is working on a fundraiser for the Shelter.
- o Barns of Rose Hill: Grand opening is scheduled for the first week of September.

Supervisor John Staelin

- o Attended VACO meetings last week in Richmond.
- o Discussions occurring around proposed amendments to imminent domain.

Vice Chairman David Weiss

- o Conservation Easement Authority: Did not meet last month.
- o Joint Building Committee: Proceeding on photograph selection.

Chairman J. Michael Hobert:

- o VACo meetings:
 - Projections for income will be greater but all are earmarked including replenishing the rainy-day fund.
 - VRS plan is severely short on the liability that it has with respect to pensions. A study is underway by JLAR on how to address this problem. Further liability associated with this plan is scheduled to be transferred to appear in locality audit.

17. Closed Session

No items were identified for Closed Session.

18. Adjournment

There being no further business to be brought before the Board at 3:45 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, September 27, 2011 at 1:00 p.m. in the Main Meeting Room, 101 Chalmers Court, 2nd Floor, Berryville, Virginia.

ATTEST: August 16, 2011

J. Michael Hobert, Chair

David L. Ash, County Administrator

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



County of Clarke
David Ash, County Administrator

Clarke County Board of Supervisors September 27, 2011 Regular Meeting

Verification of July 14, 2011 Closed Session Supervisor Dunning

During Closed Session conducted on Thursday, July 14, 2011, convened pursuant to:

- §2.2-3711 A3 Potential litigation specific to the Berryville Clarke County Government Center; and a matter resolving a negotiated agreement with Warren County relating to shared services from Shenandoah Farms Volunteer Fire and Rescue Company and
- §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 specific to the Shenandoah Area Agency on Aging and the proposed Active Living / Senior Center the Board of Supervisors of the County of Clarke, Virginia,

I hereby certify that, to the best of my 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.

Excerpt from July 14, 2011 Regular Meeting Minutes

Closed Session

Supervisor Staelin moved to convene into Closed Session pursuant to:

- **§2.2-3711 A3 Potential litigation specific to the Berryville Clarke County Government Center; and a matter resolving a negotiated agreement with Warren County relating to shared services from Shenandoah Farms Volunteer Fire and Rescue Company.**
- **§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 specific to the Shenandoah Area Agency on Aging and the proposed Active Living / Senior Center.

The motion carried as follows:

J. Michael Hobert, Chair	-	Aye
David S. Weiss, Vice Chair	-	Aye
Barbara J. Byrd	-	Aye
A.R. Dunning, Jr.	-	Aye
John R. Staelin	-	Aye

Supervisor Dunning left the meeting at 2:25 pm.

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 Byrd moved to reconvene in open session. The motion carried as follows:**

J. Michael Hobert, Chair	-	Aye
David S. Weiss, Vice Chair	-	Aye
Barbara J. Byrd	-	Aye
A.R. Dunning, Jr.	-	Aye
John R. Staelin	-	Aye

Supervisor Byrd 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:

J. Michael Hobert, Chair	-	Aye
David S. Weiss, Vice Chair	-	Aye
Barbara J. Byrd	-	Aye
A.R. Dunning, Jr.	-	Aye
John R. Staelin	-	Aye

No action was taken on matters discussed in Closed Session.

Clarke County Board of Supervisors

Consent Agenda

A. VACo 2011 Annual Meeting Voting Credentials

Virginia Association of Counties



Connecting County Governments since 1934 Virginia Association of Counties

President
Robert R. Adkins
Wise County

President-Elect
Barbara A. Favola
Arlington County

First Vice President
Catherine M. Hudgins
Fairfax County

Second Vice President
John D. Miller
Middlesex County

Secretary-Treasurer
Harrison A. Moody
Dinwiddie County

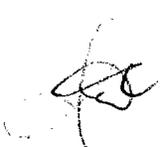
Immediate Past President
Donald L. Hart, Jr.
Accomack County

Executive Director
James D. Campbell, CAE

General Counsel
Phyllis A. Errico, Esq., CAE

RECEIVED SEP 07 2011

TO: Chairs, County Board of Supervisors
County Chief Administrative Officers

FROM: James D. Campbell, Executive Director 

RE: Voting Credentials for the Annual Business Meeting

DATE: September 6, 2011

The 2011 Annual Business Meeting of the Virginia Association of Counties will be held on Tuesday, November 15, from 10:15 a.m. to Noon at The Homestead in Bath County.

Article VI of the VACO ByLaws states that each county shall designate a representative of its board of supervisors to cast its vote(s) at the Annual Business Meeting. However, if a member of the board of supervisors cannot be present for this meeting, the Association's ByLaws allow a county to designate a non-elected official from your county or a member of a board of supervisors from another county to cast a proxy vote(s) for your county.

For your county to be certified to vote at the Annual Business Meeting, (1) your annual dues must be paid in full and (2) either a completed Voting Credentials Form or a Proxy Statement must be submitted to VACO by November 1, 2011. Alternatively, this information may be submitted to the Credentials Committee at its meeting on Monday, November 14, at 4:30 p.m. in the Monroe Room or to the conference registration desk before this meeting.

NOMINATING COMMITTEE

The Nominating Committee will meet at 4:45 p.m. in the Wilson Room on Monday, November 14th during VACO's Annual Conference at the Homestead. The committee is charged to nominate a candidate for President-Elect, First Vice President, Second Vice President, and Secretary-Treasurer to be elected at the Annual Business Meeting. Please send your expressions of interest and nominations to the Committee or to VACO's Executive Director.

REGIONAL DIRECTORS

Pursuant to VACO's By-Laws, "regional directors shall be selected at the Annual Meeting by the member counties located within the region which the director will represent." Regional caucuses will be scheduled during the Annual Meeting to select directors. Incumbent regional directors should chair the caucuses. Reports should be given to VACO's Executive Director by 6:00 p.m. on Monday, November 14th. The attached list shows the regional directors whom must be selected.

Attachments

cc: VACO Board of Directors
Nominations Committee

1207 E. Main St., Suite 300
Richmond, Va. 23219-3627

Phone: 804.788.6652
Fax: 804.788.0083

E-mail: mail@vaco.org
Web site: www.vaco.org

Region 2.....Sherrin C. Alsop (King & Queen County)
Region 3.....Marleen K. Durfee (Chesterfield County)
Region 3.....Gilbert A. Smith (Charles City County)
Region 4.....Nancy R. Carwile (Charlotte County)
Region 7.....Steven L. Walker (Culpeper County)
Region 8.....John D. Jenkins (Prince William County)
Region 8.....Maureen S. Caddigan (Prince William)
Region 8.....Penelope A. “Penny” Gross (Fairfax County)
Region 8.....Linda Q. Smyth (Fairfax County)
Region 9.....Pablo Cuevas (Rockingham County)
Region 10.....Mary W. Biggs (Montgomery County)
Region 13.....Claude B. Ray (Lee County)

**VACo 2011 Annual Meeting
Voting Credentials Form
Form may be returned by mail or fax (804-788-0083)**

Voting Delegate:
(Supervisor)

Name _____

Title _____

Locality _____

Alternate Delegate:
(Supervisor)

Name _____

Title _____

Locality _____

Certified by:
(Clerk of the Board)

Name _____

Title _____

Locality _____

**VACo 2011 Annual Meeting
Proxy Statement**

_____ County authorizes the following person to cast its vote at the 2011 Annual Meeting of the Virginia Association of Counties on November 15, 2011.

_____, 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 _____

Clarke County Board of Supervisors

Citizen Comment Period

Clarke

dash@clarkecounty.gov

± Font Size ±

FW: Board of Supervisors Report September 27, 2011 - Revised dates

From : Edwin Carter <Edwin.Carter@VDOT.Virginia.gov>

Fri, Sep 16, 2011 10:56 AM

Subject : FW: Board of Supervisors Report September 27, 2011 - Revised dates**To :** David Ash <dash@clarkecounty.gov>*Ed*

Edwin Z. Carter

Program Manager

VDOT-Edinburg Residency

(540) 984-5605

Fax (540) 984-5607

Edwin.Carter@VDOT.Virginia.Gov

From: Carter, Edwin**Sent:** Friday, September 16, 2011 9:45 AM**To:** 'David Ash'**Cc:** Balderson, Clifton M.; Sager, Stacy; Monroe, Charlie**Subject:** Board of Supervisors Report September 27, 2011

Dave, the following is VDOT's report for the Board of Supervisors meeting on September 27, 2011. I plan to be in attendance should you have any questions.

Maintenance:

Work completed in August/September – Conducted mowing operations on primaries and secondary's (It was necessary to start secondary's for sight distance issues before finishing fence to fence on all the primaries. We will return to complete when secondary's are finished.); Completed bridge replacement/repairs on Rt. 603; Trimmed brush and trees at Crims on Rt. 657 and at Rt. 636; Performed pipe flushing operations on Rt. 340, 7, and 679; Began grading non-hard surfaced roads. Addressed sight distance issue on Westwood Rd. raised at last Board meeting.

Note: We have been operating with decreased manpower in order to assist with recovery in those areas hit by Hurricane Irene and Tropical Storm Lee. Both the completed and planned work are impacted.

Work planned in September/October – Continue/complete mowing operations; Continue grading of non-hard surfaced roads; Perform boom-axe operations on secondary routes; Address remaining Board concerns expressed at last meeting : 1) Shoulder drop off on Rt. 340: 2) Low shoulders on Summit Point Rd. 3) Drainage on Senseny Rd.

Other projects:

Route 636 – Mosby Road – Proceeding with R/W acquisition. Pre-advertisement Conference to be scheduled shortly.

Route 604 – Ebenezer Road – Easement issues have been resolved and box is being scheduled for placement.

Route 7 – Crossover work – Status unchanged.

Route 723 Bridge – Awaiting County's input on detour change request.

Please let me know if there are any questions or additional issues we should address.

Thanks,

Ed

Edwin Z. Carter

Program Manager

VDOT-Edinburg Residency

(540) 984-5605

Fax (540) 984-5607

Edwin.Carter@VDOT.Virginia.Gov



Personnel Committee Meeting
September 19, 2011, 9:30 AM
Second Floor, Conference Room AB
Berryville/Clarke County Government Center
101 Chalmers Court, Berryville, Virginia 22611

Item
No.

Description

1. Expiration of Term for appointments expiring through November 2011.

9/19/2011 Summary: The Personnel Committee members discussed potential replacements for appointees who had resigned or were restricted by term limits. The Committee recommended reappointment of Lee Coffelt to an additional three-year term on the Lord Fairfax Emergency Medical Services Council and further recommends the adjustment of the expiration date of the term to 6/30/2014 so as to make the term coincide with the expiration dates of other member.

2. Appointee Information Feedback Update

09/19/2011 Summary: The Personnel Committee acknowledged the efforts of staff to obtain and verify membership term and qualifications of appointees of various boards and committees. The Committee was advised that they would be updated as new information was received and their assistance in identifying errors, omissions or changes would be helpful. The Personnel Committee requested staff to provide a link to the recently recorded FOIA presentation to all individuals appointed or reappointed by the Clarke County Board of Supervisors.

09/19/2011 Update: As instructed, staff reviewed the Committee Detail Report and provided responses to specific questions raised during the 8/8/2011 Personnel Committee in the memo titled Committee Detail Listing – Corrections, Additions, Revisions August 2011.

FOIA Training scheduled for 9/14/2011 with 34 confirmed attendees that include representation from the Town of Boyce, Town of Berryville and the Schools.

08/08/2011 Summary: With respect to the Committee Detail Listing, the Personnel Committee instructed staff to clarify a number of apparent omissions and/or inconsistencies in the document. The Personnel committee will be provided with the requested changes and/or explanations at the September 19, 2011 Committee meeting.

- √ Preliminary FOIA Training notification was mailed June 10. Mailing of a second notice with request for rsvp is scheduled for August 11.*
- √ Membership requirements, bylaws and mission statements sought and database updated with requested information on May 31, 2011.*
- √ Review of Committee Detail Report is requested.*

5/9/2011 Summary: Administration is coordinating training dates with FOIA Council. The Personnel Committee:

Item
No.

Description

- √ Recommended providing notice to all appointees and employees of the September 14, 2011 training date.
- √ Requested staff to verify those entities that require representation from specific election districts.
- √ Requested staff to check status of bylaws / mission statements requested of each entity on March 21, 2011.

04/11/2011 Summary: The Personnel Committee instructed staff to provide them with the compiled data and inquired if the chairs of the various boards and committees had been provided with the data. Suggested FOIA training dates are still needed.

04/11/2011: FOIA Training: On 3/21/2011, initial contact was made with Alan Gernhardt, Virginia Freedom of Information Advisory Council to arrange a training session tailored to appointees and staff representatives / employees. A two-hour training session is suggested broken into two one-hour segments to address meetings and records requirements. Committee Follow Up: A list of suggested training dates is requested. Distribution FOIA Guide: On 3/21/2011, "4th Edition 2007 Local Government Officials' Guide to the Virginia Freedom of Information Act" by Roger C. Wiley was mailed to all responders requesting a copy. Non-responders: As of 3/21/2011, 72 of 82 [88%] responding. All non-responders have been contacted several times. Staff representatives have been asked to follow up as an agenda item at their next-regularly scheduled meeting. Bylaws or Other Organizational Materials: On 3/21/2011, forwarded information to staff representatives with the request that this information be provided, where available, to those requesting; and where unavailable, to provide an explanation as to why and/or by what statute the board, commission, authority, or council operates and include that as an agenda item at their next regularly scheduled meeting. Dissemination of Findings / Additional Analysis: On 3/21/2011, forwarded compiled information to staff representatives for follow up and inclusion as an agenda item at their next regularly scheduled meeting.

03/07/2011: Appointee Questionnaire Summary Analysis Report has been prepared and distributed with the March 7 materials. After reviewing the report, the Personnel Committee made the following recommendations: 1) Noting that a significant number of appointees expressed interest in securing additional information on FOIA, instructed staff to initiate a training session at the BCCGC and to make the session[s] available to appointees and staff. 2) Instructed staff to provide copies of the FOIA act to all responders indicating that they needed another copy. 3) Instructed staff to follow up on any non-responses asking specifically that at a minimum provide current contact information. 4) Instructed staff to follow up with any responders indicating that they were not in possession of bylaws or other organizational materials. 5) Instructed staff to further analyze the data as received and to provide letters to all members of each committee summarizing comments, general consensus and relaying any critical concerns or recommendations, as well as commendations.

02/07/2011: The Personnel Committee instructed staff to follow up with non-responsive appointees and to prepare a preliminary analysis for review at the March meeting with highlights of reported issues.

01/24/2011: Questionnaires were collated and mailed to appointees. To aid analysis, Administration developed a database to log responses. As of 2/2/2011, Administration has received 37 of 83 [45%] responses.

12/13/2010: The committee asked that the Appointee Questionnaire be revised to include a request for updated contact information, and to inquire about the appointee's view of the current and future most important challenges faced by the boards on which they serve. The committee also recommended that the questionnaires be mailed in January to keep them out of the holiday mail. 12/27/2011:

FYI: Solicitation of Appointees - Boards and Commission web page updated for 2011.

3. Closed Session Pursuant to §2.2-3711-A4 Privacy of individuals in personal matters

09/19/2011 Summary: Supervisor Byrd moved to convene into Closed Session pursuant to 2.2-3711-A4 Privacy of individuals in personal matters. The motion carried as follows:

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

The members of the Board of Supervisors Personnel Committee 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 Byrd moved to reconvene in open session. The motion carried as follows:**

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

Supervisor Byrd further moved to execute the following Certification of Closed Session:

CERTIFICATION OF CLOSED SESSION

WHEREAS, the Board of Supervisors Personnel Committee 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 Personnel Committee 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 Personnel Committee 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 Personnel Committee of the County of Clarke, Virginia.

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

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

Following Closed Session, the Personnel Committee recommended these matters be brought to the attention of the full Board in a Closed Session at their regular Board meeting.

Appointments by Expiration Thru November 2011

				<i>Appt Date</i>	<i>Exp Date</i>	<i>Orig Appt Date:</i>
<i>December 2010</i>						
Board of Social Services						4 Yr
Melusen	Alan	2010 Chair		11/21/2006	12/15/2010	12/17/2002
Appointed by BOS; 2 Term Limit; Oath of Office Required - Clerk of Circuit Court; BOS appoints 3 qualified citizens of the county, 1 of whom may be a member of the BOS						
<i>February 2011</i>						
Parks & Recreation Advisory Board						4 Yr
White	Lawrence	Buckmarsh		12/18/2007	2/15/2011	2/15/1995
Resigned 2/15/2011 expires 12/31/2011						
(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.						
<i>May 2011</i>						
Berryville Area Development Authority Comprehensive Plan Committee						Open-End
Caldwell	Anne			1/7/2008	5/18/2011	1/7/2008
Subcommittee of the BADA						
<i>September 2011</i>						
Clarke County Industrial Development Authority						4 Yr
Hillerson	Jay			8/18/2009	9/7/2011	10/22/1999
Vice Chair 2004-2005; Chair 2003; resigned 9/7/2011 expires 10/30/2013						
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						
Shenandoah Area Agency on Aging, Inc.						
Roper	Anthony	Sheriff		9/18/2007	9/30/2011	9/18/2007
BOS Nominates 2 Clarke County Members; SAAA Board appoints the local government nominees; the Board shall have the right not to accept any nominee it considers incompatible with the best interests of the SAAA and the Board.; 2 Term Limit						
<i>October 2011</i>						
Clarke County Industrial Development Authority						4 Yr
Jones	Paul	Russell District		9/18/2007	10/30/2011	3/20/2007
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>November 2011</i>						

		<i>Appt Date</i>	<i>Exp Date</i>	<i>Orig Appt Date:</i>
Lord Fairfax Emergency Medical Services Council	3 Yr			
Coffelt	Lee Career Representative	11/30/2008	11/30/2011	11/18/2008

3 Clarke County Members; 3-year term; 1 consecutive term limit; Each locality will be represented with at least 1 volunteer and 1 career EMS provider. The following classes and categories of individuals, organizations, and professions will be eligible as members of the Board: Consumers; Governmental Representatives; Hospital Administration; Physicians; Nurses; Rescue Squads and Fire Companies

Clarke County Committee Listing

			<i>Appt Date</i>	<i>Exp Date</i>
<i>Berryville Area Development Authority</i>				3 Yr
Boyles	Jerry	White Post	8/17/2010	3/31/2012
Dunning, Jr.	A.R.	BOS - Appointed Member	12/16/2008	3/31/2011
Ohrstrom, II	George	Russell	3/16/2010	3/31/2013
<i>Berryville Area Development Authority Comprehensive Plan Committee</i>				Open-End
Caldwell	Anne		1/7/2008	5/18/2011
Hobert	J. Michael		1/7/2008	
<i>Board of Septic & Well Appeals</i>				4 Yr
Blatz	Joseph	Citizen Member	1/15/2008	2/15/2012
Dunning, Jr.	A.R.	BOS - Appointed Member	1/18/2011	12/31/2011
McKay	Beverly	Planning Commission		
Teetor	Alison	Staff Rep		
<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	1/18/2011	12/31/2011
Davis	Richard		5/20/2008	7/15/2012
Melusen	Alan	2010 Chair	11/21/2006	12/15/2010
Willingham	J. Lyndon		5/18/2010	7/15/2014
<i>Board of Supervisors</i>				4 Yr
Byrd	Barbara J.	Russell	1/1/2008	12/31/2011
Dunning, Jr.	A.R.	White Post	1/1/2008	12/31/2011
Hobert	J. Michael	Chair, Berryville District	1/1/2008	12/31/2011
Staelin	John	Millwood/Pine Grove	1/1/2008	12/31/2011
Weiss	David	Vice Chair - Buckmarsh/Blue Ridge	1/1/2008	12/31/2011
<i>Board of Supervisors Finance Committee</i>				1 Yr
Byrd	Barbara J.	BOS - Alternate	1/18/2011	12/31/2011
Dunning, Jr.	A.R.	BOS - Alternate	1/18/2011	12/31/2011
Hobert	J. Michael	BOS - Appointed Member	1/19/2010	12/31/2011
Staelin	John	BOS - Appointed Member	1/19/2010	12/31/2011
Weiss	David	BOS - Alternate	1/19/2010	12/31/2011
<i>Board of Supervisors Personnel Committee</i>				1 Yr
Byrd	Barbara J.	BOS - Appointed Member	1/18/2011	12/31/2011
Dunning, Jr.	A.R.	BOS - Alternate	1/18/2011	12/31/2011
Hobert	J. Michael	BOS - Appointed Member	1/19/2010	12/31/2011
Staelin	John	BOS - Alternate	1/19/2010	12/31/2011

Wednesday, September 07, 2011

Page 1 of 6

			<i>Appt Date</i>	<i>Exp Date</i>
Weiss	David	BOS - Alternate	1/19/2010	12/31/2011
<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	2/12/2013
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
Fields	Betsy	Berryville District	4/20/2010	5/31/2012
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	4/19/2011	4/30/2012
<i>Clarke County Industrial Development Authority</i>				4 Yr
Armbrust	Wayne	Secretary/Treasurer	8/19/2008	10/30/2012
Frederickson	Allan	White Post	12/15/2009	10/30/2013
Hillerson	Jay	Berryville District	8/18/2009	9/7/2011
Jones	Paul	Russell District	9/18/2007	10/30/2011
Juday	David	Vice Chair	12/21/2010	10/30/2014
Pierce	Rodney	Chair	8/19/2008	10/30/2012
Staelin	John	BOS - Liaison	1/19/2010	12/31/2011
<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	1/18/2011	12/31/2011
Curran	Christopher		5/16/2006	4/15/2013
Foster	Nancy		4/15/2008	4/15/2012
Hudson	Kathy		4/20/2010	4/15/2013
Kalbiam	Maral		4/19/2011	4/15/2015
Meeks	Robert B.		4/19/2011	4/15/2015
Wolk	Susan		6/16/2009	4/15/2012
Zinman	Maxine		4/19/2011	4/15/2015
<i>Clarke County Litter Committee</i>				1 Yr
Staelin	John	BOS - Liaison	1/19/2010	12/31/2011
Teetor	Alison	Staff Rep		
<i>Clarke County Planning Commission</i>				4 Yr
Brumback	Clay	White Post / Greenway	6/15/2010	4/30/2014

Wednesday, September 07, 2011

Page 2 of 6

			<i>Appt Date</i>	<i>Exp Date</i>
Caldwell	Anne	Millwood / Chapel; Vice Chair	4/21/2009	4/30/2013
Dunning, Jr.	A.R.	BOS - Appointed Member	1/18/2011	12/31/2011
Kreider	Scott	Buckmarsh / Battletown	3/15/2011	4/30/2012
McFillen	Thomas	Berryville / Berryville	5/1/2010	4/30/2014
McKay	Beverly	White Post / Greenway	3/18/2008	4/30/2012
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 - Alternate	1/19/2010	12/31/2011
Steinmetz, II	William	Berryville / Berryville	4/30/2008	4/30/2012
Thuss	Richard	Buckmarsh / Battletown	4/20/2010	4/30/2014
Turkel	Jon	Millwood / Chapel	9/15/2015	4/30/2015

Clarke County Sanitary Authority

4 Yr

Dunning, Jr.	A.R.	BOS - Authority Member	12/15/2009	1/5/2014
Jones	Harry C.	Secretary/Treasurer	6/17/2008	6/30/2012
Legge	Michael	Staff Representative		
Mackay-Smith, Jr.	Alexander	Vice Chair	11/16/2004	1/5/2013
Myer	Joe	Town of Boyce	9/15/2009	12/31/2011
Staelin	John	BOS - Alternate	1/19/2010	12/31/2011
Williams	Ian R.	Chair	11/18/2008	1/5/2013

Conservation Easement Authority

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
Radford	Jane		11/18/2008	12/31/2012
Teetor	Alison	Clerk - Staff Liaison		
Thomas	Walker	Fills unexpired term of Pat McKelvy	1/1/2011	12/31/2012
Weiss	David	BOS - Appointed Member	1/19/2010	12/31/2011

Economic Development Advisory Committee

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	7/17/2007	12/31/2011
Dunning, Jr.	A.R.	BOS Rep, SA Rep, Business Owner	1/18/2011	12/31/2011
Hillerson	Jay	IDA Rep, 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	8/17/2010	8/31/2012
Staelin	John	BOS - Appointed Member	1/19/2010	12/31/2011

Handley Regional Library Board

4 Yr

Wednesday, September 07, 2011

Page 3 of 6

			<i>Appt Date</i>	<i>Exp Date</i>
Myer	Tamara	Town of Boyce	9/15/2009	11/30/2013
<i>Joint Administrative Services Board</i>				Open-End
Ash	David L.	County Administrator	1/18/2011	12/31/2011
Hobert	J. Michael	BOS - Appointed Member	1/19/2010	12/31/2011
Judge	Tom	Staff Representative		
Keeler	Sharon	Treasurer		
Murphy	Michael	School Superintendent		
Rhodes	Emily	JAS Chair; School Board Representative	1/1/2011	12/31/2011
Weiss	David	BOS - Alternate	1/19/2010	12/31/2011
<i>Joint Building Committee of the Joint Government Center</i>				Open-End
Ash	David L.	Building Manager		
Dalton	Keith	Berryville Town Manager		
Kitselman	Allen	Berryville Town Council Representative		
Weiss	David	Board of Supervisors Representative		
<i>Legislative Liaison and High Growth Coalition</i>				1 Yr
Hobert	J. Michael	BOS - Liaison	1/19/2010	12/31/2011
<i>Lord Fairfax Community College Board</i>				4 Yr
Lee	Barbara	Millwood / Pine Grove	3/18/2008	6/30/2012
<i>Lord Fairfax Emergency Medical Services Council</i>				3 Yr
Burns	Jason	Career Representative	5/19/2009	6/30/2012
Coffelt	Lee	Career Representative	11/30/2008	11/30/2011
Wagaman	Julie	Medical Professional	6/30/2010	6/30/2013
<i>Northern Shenandoah Valley Regional Commission</i>				3 Yr
Johnston	Charles	Citizen Representative	1/23/2010	1/23/2013
Staelin	John	BOS - Alternate	1/19/2010	12/31/2011
Weiss	David	BOS - Appointed Member	1/19/2010	12/31/2011
<i>Northwestern Community Services Board</i>				3 Yr
Harris	Lucille		12/21/2010	12/31/2012
Stieg, Jr.	Robert		11/28/2008	12/31/2012
<i>Northwestern Regional Jail Authority</i>				4 Yr
Ash	David L.	County Administrator	1/18/2011	12/31/2011
Byrd	Barbara J.	BOS - Liaison Alternate	1/18/2011	12/31/2011
Roper	Anthony	Sheriff	9/18/2007	12/31/2011
Wyatt	James		12/18/2007	12/31/2011
<i>Northwestern Regional Juvenile Detention Center Commission</i>				1 Yr

Wednesday, September 07, 2011

Page 4 of 6

			<i>Appt Date</i>	<i>Exp Date</i>
Byrd	Barbara J.	BOS - Liaison	1/18/2011	12/31/2011
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
Allison	Janelle	Millwood Rep	1/19/2010	12/31/2013
Heflin	Dennis	White Post Rep	9/16/2008	12/31/2012
Hobert	J. Michael	BOS - Liaison	1/19/2010	12/31/2010
Huff	Ronnie	Town of Berryville Rep	12/31/2007	12/31/2011
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	School Board Representative	1/1/2011	12/31/2011
Sheetz	Daniel A.	Berryville	5/18/2010	12/31/2013
White	Lawrence	Buckmarsh	12/18/2007	2/15/2011
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>				4 Yr
Ash	David L.	County Administrator	1/29/2010	12/31/2010
Crawford	John		5/20/2008	6/30/2012
Weiss	David	BOS - Liaison	1/19/2010	12/31/2011
<i>Shenandoah Area Agency on Aging, Inc.</i>				4 Yr
Hudson	John		8/17/2010	9/30/2014
Roper	Anthony	Sheriff	9/18/2007	9/30/2011
<i>The 150th Committee</i>				4 Yr
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

			<i>Appt Date</i>	<i>Exp Date</i>
Johnston	Charles	Staff Representative HPC	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



County of Clarke
Lora B. Walburn, County Administration

Committee Detail Listing – Corrections, Additions, Revisions August 2011

Berryville Area Development Plan Committee

Membership Requirements: Is the appointee to the BADA Plan Committee required to be a BADA member?

Chuck Johnston Response: Anne Caldwell, currently appointed to the position, is not a member of the BADA. The Clarke County Planning Commission recommended her for appointment to the BADA Plan Committee. The Planning Commission has made replacement recommendation from its membership.

Board of Supervisors Finance Committee

COI Required Box not checked and Board of Supervisors members are required to file.

Staff Action: Database reviewed and box checked.

Board of Supervisors Personnel Committee

COI Required Box not checked and Board of Supervisors members are required to file.

Staff Action: Database reviewed and box checked.

Board of Septic & Well Appeals

Staff Action: Database Membership Requirements Changed to include: 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.

Personnel Committee Action Item: Name Board of Supervisors Vice Chair, David Weiss, as alternate to Board of Septic & Well Appeals.

Clarke County Historic Preservation Commission:

A. Is this statement a "quote of law?"

Section 3-E-3-d Zoning Ordinance: "shall consist of at least 5 members not to exceed 7 members; Members shall be residents of Clarke County with a demonstrated interest in and knowledge of the historic character of Clarke County. Reasonable effort to appoint at least 2 members with professional training or equivalent experience in 1 or more of the following: architecture, architectural history, historic preservation, archeology, land use planning, or related fields. Reasonable effort to appoint at least 1 member that is a professional architect or architectural historian. At least 1 member shall be appointed from the Planning Commission upon recommendation to the Board by the Planning Commission. After the establishment of an Historic District, at least 1 member shall be a resident of a local Historic District."

B. Is it a resident from each historic district? or will just "one" from any local district be sufficient? How many historic districts in the County?

Chuck Johnston Response: A. Attached is the state code re review boards. The only applicable text is toward the end of the first paragraph. However, the Virginia Department of Historic Resources has a program "Certified Local Governments". Local governments that meet CLG standards can receive project grants and Clarke has been a member of this program for 20 years and received numerous grants. The phrases highlighted below come from the standards for CLGs.

"with a demonstrated interest in and knowledge of the historic character of Clarke County. Reasonable effort to appoint at least 2 members with professional training or equivalent experience in 1 or more of the following: architecture, architectural history, historic preservation, archeology, land use planning, or related fields. Reasonable effort to appoint at least 1 member that is a professional architect or architectural historian. "

The remaining qualifiers for membership are the decisions of the BOS.

B. Clarke has two local historic districts: White Post and the commercial center of Millwood. Just one resident from an historic district meets the criteria

Clarke County Library Advisory Council

Change of Meeting Date.

Laurine Kennedy, Director Clarke County Library, Response on 8/15/2011: The Advisory Council meets every six weeks, not monthly. The dates for the rest of 2011 are: Sept. 12, Oct. 17, and Nov. 28. We meet at 4:00.

Staff Action: Database Meeting Times Changed to: Meets every six weeks @ 4:00 p

Clarke County Sanitary Authority

One [1] optional BOS Liaison?

Code of Clarke County: Chapter 34 Sanitary Authority § 34-2. Membership. The board of the Authority shall be appointed by the Board of Supervisors and shall be composed of five members, one of whom shall be a resident of the Town of Boyce, each for a term of four years and until his successor is appointed and qualifies except appointments to fill vacancies, which shall be for the remainder of such un-expired term. The Town may submit a nominee or nominees to the Board of Supervisors for its consideration in making the appointment of the Boyce resident member.

Code of VA § 15.2-5113. Members of authority board; chief administrative or executive officer.

D. Alternate board members may also be selected. Such alternates shall be selected in the same manner and shall have the same qualifications as the board members except that an alternate for an elected board member need not be an elected official. The term of each alternate shall be the same as the term of the board member for whom each serves as an alternate; however, the alternate's term shall not expire because of the board member's death, disqualification, resignation, or termination of employment with the member's political subdivision. If a board member is not present at a meeting of the authority, the alternate for that board member shall have all the voting and other rights of a board member and shall be counted for purposes of determining a quorum.

Supervisor Dunning is a voting member of the Sanitary Authority. The BOS may opt to appoint an alternate; and currently, John Staelin is the BOS alternate.

Staff Action: Database Membership Requirements Changed To: The board of the Authority shall be appointed by the Board of Supervisors and shall be composed of five members, one of whom shall be a resident of the Town of Boyce, each for a term of four years and until his successor is appointed and qualifies except appointments to fill vacancies, which shall be for the remainder of such un-expired term. The Town may submit a nominee or nominees to the Board of Supervisors for its consideration in making the appointment of the Boyce resident member. From VA Code 15.2-5113 D) From VA Code 15.2-5113 D) Alternate board members may also be selected. Such alternates shall be selected in the same manner and shall have the same qualifications as the board members except that an alternate for an elected board member need not be an elected official. Oath of Office Required.

Economic Development Advisory Committee

January 19, 1999 BOS Minutes – Formation of EDAC: Members of the committee should include one or more people from all key government and business groups such as planning commission, board of supervisors, school board, industrial development authority,

town of Berryville, chamber of commerce, and key business sectors such as agriculture, banking, realty, light industry, retail and tourism.

Staff Action: Database Membership Requirements Changed To: Members of the committee should include one or more people from all key government and business groups such as planning commission, board of supervisors, school board, industrial development authority, town of Berryville, chamber of commerce, and key business sectors such as agriculture, banking, realty, light industry, retail and tourism. Membership not limited.

Northern Shenandoah Valley Regional Commission

Staff Action: Changed Database Contact from Chris Price to Martha Shickle. Ms. Shickle introduced to Board of Supervisors on August 16, 2011.

Northwestern Regional Jail Authority

From Restated Jail Agreement dated May 26, 2005 [as referenced in the bylaws]:

- A. The Authority shall be governed by a Board (the "Board"), and each of the Participating Jurisdiction shall be entitled to representation on the Board as follows:
 - 3 [three] Members from Clarke County
- B. The governing body of each Participating Jurisdiction shall appoint its respective members; provided, however, each Participating Jurisdiction shall appoint as one of its members the sheriff from such Participating Jurisdiction. The appointments (except for the Sheriff) shall be for terms of four (4) years. Each Participating Jurisdiction shall appoint the Sheriff of the jurisdiction to the Board to a term concurrent with his or her term as Sheriff. The current representative of the Participating Jurisdictions to the Regional Jail Board shall be the initial representatives on the Board with the initial terms determined and terminating for purposes of the Board in the same manner as they would have for the Regional Jail Board. Any governing body may remove any member it appoints, except the Sheriff, at any time without cause, and appoint a successor. Appointments to fill vacancies shall be for the unexpired terms. Board members shall serve without compensation; however, members may be paid for actual, necessary expenses incurred in carrying out their duties, as determined by the Board in accordance with applicable law.
- C. The governing bodies of the respective Participating Jurisdictions may also appoint an alternate for each member that it appointed to the Board, except that the Sheriff may appoint his or her own alternate. The term of an alternate member shall be the same as the term of the member for whom the alternate member is appointed. The same person may be appointed to more than one alternate position, but an alternate may act as an alternate for only one member at a given Board meeting. The governing body or the Sheriff appointing any alternate member may remove such alternate member at any time without cause, and may appoint a successor. Appointments to fill vacancies shall be for the unexpired term. Alternate members may attend all meetings of the Board. However,

alternate members shall not be permitted to vote or otherwise participate as members in the meetings unless the member for whom the alternate member has been appointed is absent. If a regular member is not present at a meeting of the Board, the alternate for that member shall have all the voting and other rights of a regular member and shall be counted for purposes of determining a quorum. Alternate members shall serve without compensation; however, alternate members may be paid for actual, necessary expenses incurred in carrying out their duties, as determined by the Board in accordance with applicable law.

Staff Action: Changed Database Membership Requirements to: 3 Clarke County Members; Sheriff - required appointment - concurrent with term of office; May appoint alternates

Northwestern Regional Juvenile Detention Center Commission

From Northwestern Regional Juvenile Detention Center Commission Service Agreement December 1996

2. NORTHWESTERN REGIONAL JUVENILE DETENTION CENTER COMMISSION.

A. Creation. The Member Jurisdictions hereby establish a regional juvenile detention center commission pursuant to the Governing Law. The name of this commission shall be the Northwestern Regional Juvenile Detention Center Commission (hereafter "Commission"). The membership of the Commission shall be as follows:

One (1) member - Clarke

One (1) member - Frederick

One (1) member - Winchester

One (1) member - Page

One (1) member - Shenandoah

One (1) member - Warren

One (1) member - A person who is a member of the Clarke-Frederick-Winchester Regional Jail Board

One (1) member - From Winchester as the fiscal agent for the juvenile detention facility

The members representing each Member Jurisdiction shall be appointed by the governing body of the Jurisdiction, after consultation with the Chief Judge of the Twenty-Sixth District Juvenile and Domestic Relations District Court. The Clarke-Frederick-Winchester Regional Jail Board member shall be appointed by joint action of the governing bodies of Clarke, Frederick, and Winchester, after receiving a recommendation for the appointment from the Clarke-Frederick-Winchester Regional Jail Board, and after consultation with the Chief Judge of the Twenty-Sixth District Juvenile and Domestic Relations District Court. The member from Winchester in its role as the fiscal agent shall be appointed by the governing body of Winchester, after consultation with the Chief Judge of the Twenty-Sixth District Juvenile and Domestic Relations District Court. The term of office of all members shall be four (4) years. No members shall be eligible to serve more than two successive four (4) year terms. The governing body appointing any member may remove such member at any time without cause, and appoint a successor for the unexpired term or for a new term.

Commission members shall serve without compensation; however, members may be paid for actual, necessary expenses incurred in carrying out their duties.

Staff Action: Changed Database Membership Requirement to: 1 Clarke County Member; 4-year term; 2 Term Limit

Parks and Recreation Advisory Board

From Parks and Recreation Advisory Board By-laws:

ARTICLE III

Section 1: There shall be nine (9) voting members on the Advisory Board. Six (6) members shall be appointed by the Board of Supervisors to represent the five (5) voting districts and one (1) at large. The Superintendent of Schools or the Superintendent's designee shall serve on the Advisory Board. The Town Councils for Berryville and Boyce shall each appoint a representative to serve on the Advisory Board. The Board of Supervisors shall also designate one (1) member of the Board of Supervisors 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 representing the youth of Clarke County. All terms, except the student representatives, shall be staggered and the initial terms shall be established by random lot. All terms subsequent to the initial terms shall be (4) years.

Staff Action: Changed Database Membership Requirements to: (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.

School Construction Committee [All Other School Committees]

Staff Action: Changed Database Status to Inactive. Title created when Supervisor Dunning covered School Construction issues and Supervisor Byrd covered all other School matters.

Note: In 2009 Supervisor Dunning was assigned to School Construction and Supervisor Byrd was assigned to all other school committees. In 2010, the School Board liaison [Supervisor Byrd] was once again given full assignment making this "differentiation" unnecessary. The Board of Supervisors does not maintain the list of individual School committees and their appointees therefore the status has been changed.

Committee Detail Listing

Staff Rep/Contact	Term Length	Meeting Times	Membership Requirements	Bylaws	COI Required
Berryville Area Development Authority					
Johnston, Chuck	3 Yr	3rd Wed Monthly 5:30p	3 members appointed by the BOS and 3 members appointed by the BTC; Membership set by the County/Town Annexation Agreement of 1988	<input type="checkbox"/>	<input type="checkbox"/>
Berryville Area Development Authority Comprehensive Plan Committee					
Johnston, Chuck	Open-End	Ad Hoc	Subcommittee of the BADA	<input type="checkbox"/>	<input type="checkbox"/>
Board of Septic & Well Appeals					
Teeter, Alison	4 Yr	Ad Hoc	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.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Board of Social Services					
Jones, Angie	4 Yr	3rd Thur Monthly @ 9:30a	Appointed by BOS; 2 Term Limit; Oath of Office Required - Clerk of Circuit Court; BOS appoints 3 qualified citizens of the county, 1 of whom may be a member of the BOS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Board of Supervisors					
Ash, David	4 Yr	3rd Tues Monthly @ 1p	Supervisors are elected to 4-year terms.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Board of Supervisors Finance Committee					
Ash, David	1 Yr	Mon the week preceding the Board meeting ea month immediately following the Work Session unless Mon is a holiday then Tues same time	2 Members BOS; Served by Director Joint Administrative Services and County Administrator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Board of Supervisors Personnel Committee					
Ash, David	1 Yr	Mon the week preceding the Board meeting ea month @ 9:30 - 10:00a unless Mon is a holiday then Tues same time	2 Members BOS; Served by County Administrator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Staff Rep./Contact	Term Length	Meeting Times	Membership Requirements	Bylaws	COI Required
Board of Supervisors Work Session					
Ash, David	4 Yr	Mon the week preceding the Board meeting ea month @ 10:00a unless Mon is a holiday then Tues same time	All BOS Members; Served by County Administrator	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Board of Zoning Appeals					
Russell, Jesse	5 Yr	Ad Hoc	Appointed by Circuit Court; BOS letter of recommendation to Clerk. Oath of Office Required - Clerk of Circuit Court; 5 total members: 1 member may be on the Planning Commission Pg 1114 Supv Manual; other 4 have been generally 1 from each magisterial district, although not required.; Section 7-A-1 of the Zoning Ord states: "The Board shall consist of 5 residents of Clarke Co. Members of the Board shall hold no other public office in the locality except that 1 may be a member of the Clarke Co Planning Commission."	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Clarke County Historic Preservation Commission					
Johnston, Chuck	4 Yr	4th Tue Bi-monthly [Jan/Mar] @ 8:30a	Section 3-E-3-d Zoning Ord "shall consist of at least 5 members not to exceed 7 members; Members shall be residents of Clarke County with a demonstrated interest in and knowledge of the historic character of Clarke County. Reasonable effort to appoint at least 2 members with professional training or equivalent experience in 1 or more of the following: architecture, architectural history, historic preservation, archeology, land use planning, or related fields. Reasonable effort to appoint at least 1 member that is a professional architect or architectural historian. At least 1 member shall be appointed from the Planning Commission upon recommendation to the Board by the Planning Commission. After the establishment of an Historic District, at least 1 member shall be a resident of a local Historic District."	<input type="checkbox"/>	<input type="checkbox"/>
Clarke County Industrial Development Authority					
Russell, Jesse	4 Yr	Jan for Organizational Meeting 10a; Ad Hoc	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	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Clarke County Library Advisory Council					
Kennedy, Laurine	4 Yr	Meets every six weeks @ 4:00 p	10 Members and 1 BOS liaison	<input type="checkbox"/>	<input type="checkbox"/>
Clarke County Litter Committee					
Teetor, Alison	N/A	2009: 1st Wed Quarterly	1 BOS Member; 1 Staff Rep	<input type="checkbox"/>	<input type="checkbox"/>
Clarke County Planning Commission					

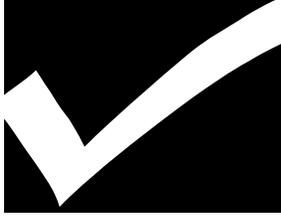
Staff Rep/Contact	Term Length	Meeting Times	Membership Requirements	Bylaws	COI Required
Johnston, Chuck	4 Yr	1st Fri Monthly 9a; Briefing Meeting Tues before 1st Fri 3p except August	Appointed by BOS; Oath of Office Required - Clerk of Circuit Court; Section 1-C-2 of the Zoning Ordinance states: "The Planning Commission shall consist of eleven members, appointed by the Board. Members of the Planning Commission shall be residents of the County, with there being 2 residents of each of the Board Election Districts. In addition, 1 member of the Commission shall be a member of the Board. Members of the Commission shall be qualified by knowledge and experience to make decisions on questions of community growth and development. At least 1/2 of the members of the Planning Commission shall be owners of real property in the County."	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Clarke County Sanitary Authority					
Legge, Mike	4 Yr	9/2010: 3rd Tue monthly @ 9a - 12p	The board of the Authority shall be appointed by the BOS and shall be composed of 5 members, 1 of whom shall be a resident of the Town of Boyce, each for a term of 4 years and until his successor is appointed and qualifies except appointments to fill vacancies, which shall be for the remainder of such un-expired term. The Town may submit a nominee or nominees to the BOS for its consideration in making the appointment of the Boyce resident member. From VA Code 15.2-5113 D) Alternate board members may also be selected. Such alternates shall be selected in the same manner and shall have the same qualifications as the board members except that an alternate for an elected board member need not be an elected official. Oath of Office Required.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Conservation Easement Authority					
Teetor, Alison	3 Yr	5/2007: 3rd Wed monthly @ 4:00 p	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.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Economic Development Advisory Committee					
Russell, Jesse	4 Yr	5/2011 2nd Wed Monthly @ 3p	Members of the committee should include one or more people from all key government and business groups such as planning commission, board of supervisors, school board, industrial development authority, town of Berryville, chamber of commerce, and key business sectors such as agriculture, banking, realty, light industry, retail and tourism. Membership not limited.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Handley Regional Library Board					
Ridgeway, Trish	4 Yr	3rd Tues Monthly @ 4:30p Handley Library Board Room	1 Clarke County Member; 2 Term Limit	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Housing and Community Services Policy Board of the Northern Shenandoah Valley

Staff Rep/Contact	Term Length	Meeting Times	Membership Requirements	Bylaws	COI Required
Bundrick, Katie	3 Yr; Elected C	3rd Wed Monthly @ 5:30 pm Front Royal Office	Appointed by BOS; if member of the governing body, term coincides elected term or shorter; Non-elected 3 yrs from the date of appointment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Joint Administrative Services Board</i>					
Ash, David	N/A	Calendar set at January meeting.	Treasurer; County Administrator; School Superintendent; BOS Chair or designee; SB Chair or designee	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Joint Building Committee of the Joint Government Center</i>					
Ash, David	N/A	1st Wed Monthly 9 am BCCGC Meeting Room C	1 Member BOS, County Administrator, Town Manager, 1 Member Town Council	<input type="checkbox"/>	<input type="checkbox"/>
<i>Legislative Liaison and High Growth Coalition</i>					
BOS Chair	1 Yr	Ad Hoc	BOS Chair appoints a non-voting liaison.	<input type="checkbox"/>	<input type="checkbox"/>
<i>Lord Fairfax Community College Board</i>					
Milam, John	4 Yr	Aug, Oct, Dec, Feb, April, and June, the time and place for holding said regular meetings to be as directed by resolution of the Board	1 Clarke County Member; 2 Term Limit	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Lord Fairfax Emergency Medical Services Council</i>					
McLaurin, Tracey	3 Yr	2nd Wed Bi-monthly @ 6:30p at the Lord Fairfax EMS Council office. Grant reviews are held at the April & October meetings.	3 Clarke County Members; 3-year term; 1 consecutive term limit; Each locality will be represented with at least 1 volunteer and 1 career EMS provider. The following classes and categories of individuals, organizations, and professions will be eligible as members of the Board: Consumers; Governmental Representatives; Hospital Administration; Physicians; Nurses; Rescue Squads and Fire Companies	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Northern Shenandoah Valley Regional Commission</i>					
Shickle, Martha	3 Yr	3rd Thurs monthly 6p @ Front Royal Office	The Charter of the Regional Commission states Clarke County shall have 2 members, 1 elected official; 1 citizen.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Northwestern Community Services Board</i>					
Bundrick, Katie	3 Yr	3rd Wed Monthly 6:30p except Aug @ Front Royal Office	2 Clarke County Members; 2 Term Limit [AKA Chapter 10 Board]	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Northwestern Regional Jail Authority</i>					

Staff Rep/Contact	Term Length	Meeting Times	Membership Requirements	Bylaws	COI Required
Wilson, Kim	4 Yr	2nd Thurs Quarterly Sept, Dec, Mar, Jun	3 Clarke County Members; Sheriff - required appointment - concurrent with term of office; May appoint alternates	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<i>Northwestern Regional Juvenile Detention Center Commission</i>					
Stevenson, Jim	4 Yr	Ad Hoc @ facility [Average 3 per year]	1 Clarke County Member; 4-year term; 2 Term Limit	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Old Dominion Alcohol Safety Action Policy Board & Division of Court Services</i>					
Ellis, Daniel	3 Yr	October 19, 2010 at 6:30p Bowling Green to establish 2011 schedule	1 Clarke County Member	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Old Dominion Community Criminal Justice Board</i>					
Ellis, Daniel	3 Yr	Meets with Old Dominion Alcohol Safety Action Board	1 Clarke County Member	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Our Health</i>					
Gromling, Sharon	3 Yr	2nd Mon Bi-monthly 12p - 1p @ facility	1 Clarke County Member - "Group A Directors" shall serve at the discretion of the appointing Group A entity	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Parks & Recreation Advisory Board</i>					
Cooke, Lisa	4 Yr	3rd Wed Quarterly March, June, Sept, Dec 6:00 PM at Rec Center	(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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>People Inc. of Virginia</i>					
Johnston, Chuck	3 Yr	3rd Wed Bi-monthly at such time and place as the President, CEO or Board of Directors may determine	1 Clarke County Member; Public officials, or their representatives shall serve at the pleasure of the designating officials or as long as the public official is currently holding office.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>Regional Airport Authority</i>					
Manual, Renny	4 Yr	3rd Thurs Monthly 5p @ facility	1 Clarke County Member; Members appointed by additional participating political subdivisions or directors appointed by existing political subdivisions shall also be appointed for 4-year terms.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Staff Rep./Contact	Term Length	Meeting Times	Membership Requirements	Bylaws	COI Required
Shenandoah Area Agency on Aging, Inc.					
Dodson, Bonnie	4 Yr	The Board Shall Meet In Regular Session At Least Six Times Each Fiscal Year At Such Specific Times And Places As The Chair May Determine.	BOS Nominates 2 Clarke County Members; SAAA Board appoints the local government nominees; the Board shall have the right not to accept any nominees it considers incompatible with the best interests of the SAAA and the Board.; 2 Term Limit	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The 150th Committee					
Weiss, David	4 Yr	Ad Hoc	Ad Hoc See 01/18/2011 Minutes Resolution 2011-01R; Clarke County Committee on the Sesquicentennial of the Civil War and Emancipation [the 150th Committee]	<input type="checkbox"/>	<input type="checkbox"/>
The Barns Project					
Bailey, Susie	N/A	3rd Wed monthly 4p @ Enders Social Hall	The BOS Chair appoints a liaison.	<input type="checkbox"/>	<input type="checkbox"/>



Board of Supervisors Work Session

September 19, 2011 10:00 Am

Second Floor, Conference Rooms A & B

Berryville/Clarke County Government Center

101 Chalmers Court, Berryville, Virginia 22611

*Item
No.*

Description

1. Closed Session

- A. §2.2-3711-A7 Berryville Clarke County Government Center Litigation / Settlement update
- B. §2.2-3711-A7 Shenandoah Fire and Rescue Company
- C. §2.2-3711-A4 Privacy of individuals in personal matters.

9/19/2011 Summary: The Board of Supervisors moved Closed Session from agenda Item 10 to Item 1. Item C §2.2-3711-A4 Privacy of individuals in personal matters was replaced with §2.2-3711-A7 Shenandoah Area Agency on Aging, Inc.

Closed Session with Robert Mitchell:

Supervisor Staelin moved to convene into Closed Session pursuant:

- A. §2.2-3711-A7 Berryville Clarke County Government Center Litigation / Settlement update
- B. §2.2-3711-A7 Shenandoah Fire and Rescue Company
- C. §2.2-3711-A7 Shenandoah Area Agency on Aging, Inc.

The motion carried as follows:

J. Michael Hobert, Chair	-	Aye
David S. Weiss, Vice Chair	-	Absent
Barbara J. Byrd	-	Aye
A.R. Dunning, Jr.	-	Absent
John R. Staelin	-	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 Byrd moved to reconvene in open session. The motion carried as follows:**

J. Michael Hobert, Chair	-	Aye
David S. Weiss, Vice Chair	-	Absent
Barbara J. Byrd	-	Aye
A.R. Dunning, Jr.	-	Absent
John R. Staelin	-	Aye

Supervisor Byrd 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:

J. Michael Hobert, Chair	-	Aye
David S. Weiss, Vice Chair	-	Absent
Barbara J. Byrd	-	Aye
A.R. Dunning, Jr.	-	Absent
John R. Staelin	-	Aye

No action was taken on matters discussed in Closed Session.

2. 2012 Legislative Priorities and Positions

09/19/2011 Summary: The 2011 Legislative Priorities and Positions were provided for review and update. The Board discussed potential modifications to the legislative priorities and positions including:

- Adding a position statement on pension funding deficiencies for shared employees;
- Developing a position on the pending constitutional amendment regarding taking;
- Removing from the priorities statement the issue of hunting with hounds;
- Revising the document to reorder the issues in accordance with their local importance.

Mr. Staelin will work with staff to prepare a modified document. Also, VACo has been asked to provide its most recent version of the 2012 Legislative Priority list and any position statement that may have been adopted regarding the constitutional amendment.

3. Berryville Clarke County Government Center HVAC Repair Status Update

09/19/2011 Summary: David Ash advised the Board that repairs to the HVAC system

were to be completed by the end of the day, September 19. Completion will be verified by the Maintenance Director as completion has been claimed several times prior. Performance test and evaluation of repairs require a multi-day period of high temperature and high humidity; in the interim, the Maintenance Department will monitor temperature and humidity conditions at multiple points within the building in an effort to determine if the restored air flow addresses the temperature variation problem.

4. **Active Living Center [aka Senior Center] Status Update**

09/19/2011 Summary: David Ash informed the Board that 17 general contractors attended the mandatory pre-bid conference. Project bids will be opened on September 27 at 3 pm in the Purchasing Department.

5. **Shenandoah Area Agency on Aging Status Update**

09/19/2011 Summary: This issue was covered in closed session with legal counsel.

6. **TA-11-02 Amendment of the County Zoning Ordinance:**

Sections 3-A-1-c, 3-A-2-c, 3-A-3-c, Minimum Setback Requirements in the AOC, FOC, and Rural Residential Zoning Districts so as to increase from 150 to 200 sq ft the size of a structure that would be considered an accessory structure with reduced property line setback requirements.

Section 3-E-1-d, Use Regulations in the Flood Plain Overlay District, so as increase the minimum size for a structure allowed in a 100-year flood plain from 150 to 200 square feet.

Section 3-C-2-h, Supplemental Regulations for Dwellings of less than 600 square feet of Heated Area, so that the 600 square foot measurement applies to Living Space (defined in the Building Code as: "Space within a dwelling unit utilized for living, sleeping, eating, cooking bathing, washing and sanitation purposes.") instead of Heated Area, which has no technical definition. TA-11-02

Planning Commission Recommendation: After a public hearing on April 1st at which no member of the public spoke, the Commission voted unanimously (absent: Brumback, Dunning and Wade), to recommend approval of the amendments to the Board of Supervisors. Set public hearing on the proposed amendments to the County Zoning Ordinance for the next regular meeting of the Board on October 18.

09/19/2011 Summary: Planning staff was asked to clarify the authority of the County to compel access and inspection of improvements constructed in accordance with this regulation. With the clarification provided by Planning staff regarding access and inspection, the Board recommended that the matter be set for public hearing.

7. **TA-11-03 Amendment of the County Zoning Ordinance:**

The Clarke County Planning Commission recommends the amendment of the County Zoning Ordinance:

Section 3-E-3-e, Certificates of Appropriateness (in Historic Overlay Districts), so as to require the review of changes to the roof or windows of contributing buildings (in addition to changes that require a Building Permit) to be reviewed by the full Historic Preservation Commission instead of the Commission's Executive Committee. The changes also edit the sections for clarity, establish a time limit for action, and to specifically state that the public hearing notice requirements shall follow the requirements for all other public hearings, as described in Zoning Ordinance section 10-E.

Section 3-E-3-f, Appeals, which references Virginia Code Section 15.2306, which allows the demolition of an historic structure if it is offered for "a price reasonably related to its fair market value", so as to establish a method to define this price. TA-11-03

Planning Commission Recommendation: After a public hearing at which no member of the public spoke, the Commission voted (Yes: Ohrstrom, Caldwell, Kreider, McKay, Nelson, Steinmetz, Thuss; No: McFillen; Absent: Brumback, Dunning, Wade), to recommend approval of the amendments to the Board of Supervisors. Set public hearing on the proposed amendment for the next regular meeting of the Board on October 18.

09/19/2011 Summary: The Board recommended that the matter be set for public hearing as proposed.

8. TA-11-05 Amendment of the County Zoning Ordinance:

The Clarke County Planning Commission will consider the amendment of the County Zoning Ordinance:

Sections 3-A-1-a-2, 3-A-2-a-2, 3-A-3-a-2, Accessory Uses in the AOC, FOC, and Rural Residential Zoning Districts, so as to allow 'Structures up to 80 feet high for noncommercial telecommunication antennae';

Section 3-A-1-a-3 and 3-A-2-a-3, Special Uses in the AOC and FOC Zoning Districts, so as to add the adjective 'commercial' when describing telecommunication monopoles over 50 feet in height that are currently allowed as a Special Use in these Zoning Districts;

Sections 3-A-1-f and 3-A-2-f, Vegetated Property Buffer in the AOC and FOC Zoning Districts, so as to allow structures for noncommercial telecommunication antennae in required Vegetative Property Buffers provided that vegetation may be cut only within a six foot radius of the structure, but with no land disturbance;

Section 3-C-2, Supplementary Regulations for Uses in Various Districts, so as establish standards for 'Structures up to 80 feet high for noncommercial telecommunication antennae';

Section 9-B-41, definition of the term "Commercial": so as to change the definition from "Any wholesale, retail, or service business activity established to carry on trade for a profit." to "Any activity conducted with the intent of realizing a profit from the sale of goods or services to others. The term 'Noncommercial' means any activity conducted with the intent of not realizing a profit from the sale of goods or services to others." TA-11-05

Planning Commission Recommendation: After a public hearing at which one member of the public spoke in favor of the changes and after the Commission discussed whether

there should be a sunset clause on the proposed provisions because of expected changes in technology, the Commission voted unanimously (absent: Ohrstrom), to recommend approval of the amendments to the Board of Supervisors, on condition that the amendments would be automatically rescinded five years after approval of the Board of Supervisors. Set public hearing on the proposed amendments to the County Zoning Ordinance for the next regular meeting of the Board on October 18.

09/19/2011 Summary: At the Board work session, Board members suggested that setback requirements also apply to easements for above-ground utilities, that there be a removal clause for structures whose antennae are not functional for 12 consecutive months, and that an alternative be provided for the change of definition of the term commercial so that it only applies to these structures for telecommunication antennae. Subject to these changes being meeting the Board's approval, recommendation was to set the matter for public hearing as revised.

9. **TA-11-06 Amendment of the County Zoning Ordinance:**

The Clarke County Planning Commission recommends the amendment of the:
County Zoning Ordinance:

Section 6-E, Procedures for Site Plans, so as to change the number and size of site plans submitted with an initial application and after approval, require the submission of digital copies, and establish standards for such digital submissions; and County Subdivision Ordinance:

Section 4, Procedures for Preliminary Subdivision Plat Application and Submission of Record Plat, so as to change the number and size of plats submitted, require the submission of digital copies, and establish standards for such digital submissions. TA-11-06

Planning Commission Recommendation: After a public hearing at which no member of the public spoke, the Commission voted unanimously (absent: Ohrstrom), to recommend approval of the amendments to the Board of Supervisors. Set public hearing on the proposed amendments to the County Zoning Ordinance for the next regular meeting of the Board on October 18.

09/19/2011 Summary: The Board recommended that the matter be set for public hearing as proposed.

10. **TA-11-07 Amendment of the County Zoning Ordinance:**

The Clarke County Planning Commission recommends the amendment of the County Zoning Ordinance:

Section 1, *Authority, Purposes and Intent, Planning Commission, and Zoning Administrator*, and

Section 7, *Appeals, Variance and Zoning Map Interpretations*, so as to shift the sections regarding modifications that can be approved by the Zoning Administrator from Section 1 to Section 7;

Sections 3-A-1-d, 3-A-2-d, 3-A-d, *Maximum Height of All Structures in the AOC, FOC, and Rural Residential Zoning Districts* and

Section 4-H-3, *Height Regulations Exceptions*, so as to shift from Section 4-H-3 to Section 3-A the 25-height limit for structures on parcels narrower than 75 feet;

Section 3-C-2, *Supplementary Regulations for Uses Various Districts* and

Section 4-H-3, *Height Regulations Exceptions*, so as to shift from Section 4-H-3 to Section 3-C-2 the 18 foot, six-inch height limit for Gasoline Pump Canopies:

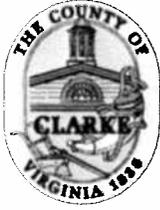
Section 4-H, *Height Regulations Exceptions*, so as to shift from Section 4-H-3-c to 4-H-3-a the height exception for parapet walls and to increase the exception by 6 inches to 42 inches to be consistent with the Building Code:

Section 4-J-6, *Exception process to requirement that off-street parking be located on the same lot as principal use*, so as to change the entity that could approve such an exception from the Board of Zoning Appeals to the Planning Commission when it reviews a property's site plan;

Section 9-B-106, *definition of the term 'Livestock'*, so as to define livestock as hoofed animals and the order of animals that includes ostriches and emus. TA-11-07

Planning Commission Recommendation: After a public hearing at which no member of the public spoke, the Commission voted unanimously (absent: Ohrstrom), to recommend approval of the amendments to the Board of Supervisors. Set public hearing on the proposed amendments to the County Zoning Ordinance for the next regular meeting of the Board on October 18.

09/19/2011 Summary: The Board recommended that the matter be set for public hearing as proposed.



2011 Legislative Priorities And Positions For Clarke County

Issue: Water Supply Planning

- Clarke County believes that science, rather than power politics, should govern the approval of the local and regional water supply plans (due 2011). Moreover, it is important that the Commonwealth honor the targets set in the minimum in-stream flow studies of the Shenandoah River so as to protect both the aquatic life in the river and the recreational use of the river.

Issue: Chesapeake Bay TMDL

- Clarke County believes there must be a way to have clean rivers, a clean Bay and a viable agricultural community. Clarke recognizes that the Commonwealth is still negotiating with EPA on this issue so it is difficult to make specific comments. However, Clarke wants to see a supportable plan with “teeth” that will protect the Bay at a reasonable cost to farmers, towns and citizens.
- Clarke County supports continued state funding of programs that will protect our groundwater, rivers and the Bay.

Issue: Groundwater Quality

- Clarke County supports legislation that would allow counties to exempt areas within their jurisdiction from installing alternative onsite sewage systems due to environmental conditions. Moreover, Clarke believes the inspectors (operators) of alternative systems (AOSS) should be required to both sample the effluent of their AOSS and submit a written report to the Health Department annually. In addition, each local Health Department should be required to make an annual random sample of 10% of the AOSS in their area.
- Clarke County is very concerned about the environmental hazards associated with natural gas drilling in Marcellus Shale. Clarke believes that localities should have some control over natural gas drilling and believes state regulations with regard to drilling in Marcellus Shale should be strengthened.

Issue: Cost Shifting

- Clarke County is opposed to the gradual shifting of costs that has taken place over the past several years, especially the large cost shifting that occurred in the FY 2011-12 biennium budget with the reduction in aid to localities. With each passing year the County has been required to incrementally subsidize a variety of traditionally state funded (or state shared) costs (Compensation Board, Registrar, Cooperative Extension, Social Services and the court system). This cost shifting places a tremendous burden on a regressive real estate tax system. Cost shifting must stop and/or the tax system must be reformed to reduce the burden on the Real Estate tax.

2011 Legislative Priorities And Positions For Clarke County

- Clarke County calls on the Commonwealth to fully fund state mandated retirement and employment benefits, including VRS and Line of Duty costs.
- Clarke County opposes any reduction in aid to localities unless the tax system is reformed to reduce the burden on the Real Estate tax.

Issue: Education

- Clarke County asks the Commonwealth to take steps to fully fund its share of the true cost of K-12 public education without reducing other parts of the budget affecting local government or shifting costs from the Commonwealth to localities.
- Clarke County supports a change to the Composite Index, which would cause it to reflect land use values. Additionally, the income figure used to calculate the Composite Index should be average median income, not total countywide income.
- Clarke County supports legislation that would give Clarke County equal treatment with regard to “cost of competing” funds. At this time Clarke County gets 25% of the amount given to our neighbors to the east.

Issue: Transportation

- Clarke County believes that transportation improvements should be funded by user fees, not the General Fund. General Fund revenues should not be used for transportation as doing so will undoubtedly take away from the funding of education, natural resources, etc.
- Clarke County does not support the devolution or cost shifting of transportation responsibilities to counties, especially smaller counties, like Clarke, that do not have the scale of work to allow for the efficient provision of services.
- Clarke County supports the concept of Urban Development Areas (UDAs) to better control the cost of transportation but believes that the creation of UDAs should be tied to mandatory development restrictions (e.g. downzoning) in areas outside of the UDA.

Issue: Biosolids

- Clarke County supports changes to biosolids regulations that would give localities more control over how and where Biosolids are spread within their jurisdiction. Moreover, the funding the County receives for biosolids monitoring does not cover our costs and should be increased.

Issue: Broadband Access

- Clarke County asks the Commonwealth to find ways to encourage private vendors to provide rural universal access to broadband Internet services in rural communities with hilly terrain.

Issue: Growth Management

- Clarke County believes that the authority to plan and regulate land use should remain with local governing bodies and Clarke County opposes any legislation that would weaken that authority. Further the General Assembly should grant localities the tools necessary to adequately meet citizens' increasing, education, public safety and other vital public infrastructure needs that are driven by development. Such additional tools may include broad impact fee authority for all counties, adequate public facilities provisions in subdivision ordinances, state funds for purchase of development rights and a real estate transfer tax.
- Clarke County supports full funding of the purchase of Development Rights Program as has been suggested by the Virginia Department of Agriculture and the Farm Bureau.
- Clarke County supports increasing the caps on the Commonwealth's tax credit program for the donation of easements as well as increased sanctions and penalties for fraudulent appraisals.

Issue: County Control and Rights

- Clarke County opposes legislation that exempts agricultural lands from local regulation of non-ag business activities such as restaurants, entertainment, festivals, etc.
- Clarke County believes the Dillon Rule should be abandoned or modified and opposes any legislation that would reduce county rights.

Issue: Waste and Litter Control

- Clarke County asks the Commonwealth to devolve to local governments the power to control the commercial use of throw-away plastic bags. The major economic and environmental costs resulting from the nearly universal use of throwaway plastic bags are numerous. They adversely impact wildlife and livestock, clog storm drains, pollute waterways, and litter roadways, fields and forests. Clarke County joins with other local jurisdictions in requesting the power to manage and control the commercial use of plastic bags in accordance with local needs.
- Clarke County supports a Beverage Container Bill.

Issue: Power Lines

- Clarke County supports legislation that would require all or part of new transmission lines to be placed underground if economic and environmental studies show that undergrounding is a viable alternative to overhead. Moreover, Clark believes that any such economic analysis consider the cost impact on adjacent property owners and that the environmental studies consider the health hazards from EMF, the impact on wildlife and historic sites, the visual impact, etc.

- Clarke County opposes the construction of power lines that do not benefit the region through which the line will traverse.

Issue: Tax Reform

- Clarke County supports tax reform as long as:
 - it ends up reducing Clarke’s dependence on the real estate tax.
 - any change that reduces or eliminates an existing local funding source is offset by a new or expanded source.
 - it gives equal taxing authority to cities and counties.
 - it protects the Commonwealth’s General Fund. The General Fund should be used for core government functions such as public education (K-12 and higher education), health and human services, public safety, natural resources and environmental services. Transportation maintenance and improvements should be paid by user fees.
- Clarke County supports reform of the BPOL tax as long as it meets the above criterion.
- Clarke County opposes repeal of the Machinery and Tools tax.
- Clarke County supports passage of the Streamlined Sales Tax Project agreement (SST) by both the Federal and State governments so as to compel all out-of-state vendors to collect and remit sales taxes due by Virginia citizens to the Commonwealth and its localities.
- Clarke County supports the implementation of a local option transfer tax for all property sales.

Issue: Affordable Housing

- Clarke County supports increased federal and state funding and appropriate incentives to encourage the provision of affordable housing.

Issue: Hunting With Hounds

- Clarke County opposes any unreasonable restriction that would limit the ability of citizens to hunt with hounds.

Issue: Energy Efficiency and Conservation

- Clarke County supports legislative measures to increase the efficient use of energy throughout the Commonwealth, both for governmental operations and for the private sector.

Clarke

dash@clarkecounty.gov

± Font Size -

Requested Information - VACo strategies

From : Dean Lynch <dlynch@vaco.org> Wed, Sep 21, 2011 01:39 PM
Subject : Requested Information - VACo strategies
To : David L. Ash (dash@clarkecounty.gov) <dash@clarkecounty.gov>
Cc : Dean Lynch <dlynch@vaco.org>

Dave

As we discussed on the phone, the 2012 VACo draft legislative positions are not developed. Staff is currently developing draft initiatives to be disseminated to our steering committees and members very soon. I have hyperlinked our [2011 legislative issues](#). The one issue that you inquired about – eminent domain – is once again a major issue for our association. The Admin. of Govt steering Committee recommended the following addition to the 2011 statement. Michael Hobart had also requested information and the following is an excerpt from an email to Michael from Phyllis Errico.

As you can see HJ 693 requires lost profits and lost access to be compensated. This is very troubling!!! Additionally, HJ 693 prohibits eminent domain if the purpose is "private gain, private benefit, private enterprise, increasing jobs, increasing tax revenue, or economic development. Another troubling provision. In order for the 2011 language to be added to the constitution, it must be approved in the 2012 session in a form identical to HJ 693. The voters would then vote on it in the 2012 election.

Staff draft language for 2012 VACo Legislative Program (subject to committee and membership will)

Eminent Domain

VACo supports preserving the necessary powers of local governments and governmental agencies and authorities to address and abate blighted conditions through redevelopment, and preserving condemnation authority for public purposes such as schools, parks, roads and other purposes as set out in the Code of Virginia. VACo opposes a constitutional amendment or legislation that will severely limit the use and increase the expense of eminent domain.
 Dean

Excerpt from email to Michael Hobart:

"On the Eminent Domain issue. We do not have revised language in our VACo program but we discussed it at the August Steering Committee meeting and I will be drafting some proposed language. The language below has been a Part of the VACo program for a number of years and is more of a general policy statement.

Eminent Domain

VACo supports legislation preserving the necessary powers of local governments and governmental agencies to avoid and abate blighted conditions through redevelopment, and preserving condemnation authority provided for public purposes such as schools, parks, roads and other purposes as set out in the Code of Virginia.

VML has some proposed language which they will be acting on in their upcoming conference.

"The General Assembly should not approve a resolution to call for a vote on a constitutional amendment to limit the use of eminent domain. The amendment is unnecessary and will harm Virginia's citizens by severely limiting the ability of local governments and the state to carry out projects that help improve life for the Commonwealth's population."

In order for the 2011 language to be added to the constitution, it must be approved in the 2012 session in a form identical to HJ 693. The voters would then vote on it in the 2012 election.

HJ 693's language requires lost profits and lost access to be compensated. Therefore, one could argue that if a median is needed in a road improvement situation which changes the access point, property owners could sue for lost access. Even a temporary situation such as a utility repair which required closing or rerouting traffic could result in the businesses along the street suing for lost profits and lost access. In addition, the amendment prohibits eminent domain if the purpose is "private gain, private benefit, private

***enterprise, increasing jobs, increasing tax revenue, or economic development".
That means that a citizen could challenge the condemnation of a road for access to an industrial park; or for condemning a water line easement to the development of a residential subdivision.
In essence, the language in this proposed constitutional amendment HJ 693 would make public projects like the extension of utility services and the improvement of roads more expensive, time consuming and susceptible to litigation."***

Dean A. Lynch, CAE
Deputy Executive Director
Virginia Association of Counties
1207 E. Main St., Suite 300
Richmond, Virginia 23219
phone (804)343-2511
cell (804)687-6196
fax (804)788-0083
www.vaco.org

Clarke**lwalburn@clarkecounty.gov**

± Font Size ±

Fwd: 2011 Legislative Luncheon

From : Lora Walburn <lwalburn@clarkecounty.gov>

Thu, Sep 15, 2011 11:43 AM

Subject : Fwd: 2011 Legislative Luncheon**To :** Jill Holtzman Vogel <triciastiles@senate27.com>**Cc :** David Ash <dash@clarkecounty.gov>, Michael Hobert <lawyers1@verizon.net>, Joe T. May <joetmay@aol.com>

Good Morning All:

Below are available dates provided for Delegate May by Nancy Duke.

I see no conflicts on the County meeting calendar for any of the listed dates.

Please check your calendars for these dates and let me know your availability.

Thank you -

Lora B. Walburn
Deputy Clerk to the Board Supervisors
Executive Assistant - County Administration
County of Clarke
101 Chalmers Court, Suite B
Berryville, Virginia 22611
[540] 955-5175
[540] 955-5180 Fax
lwalburn@clarkecounty.gov

From: Joetmay@aol.com
To: lwalburn@clarkecounty.gov
Sent: Thursday, September 15, 2011 11:04:50 AM
Subject: Re: 2011 Legislative Luncheon

Hi Lora -

Hope all is well with you! Below are dates that Delegate May is available for the Legislative Luncheon --

December 6
December 8
December 14
December 15

Let me know as soon as you have a confirmed date and I will add it on his schedule.

Thanks,
Nancy

Nancy B. Duke
Legislative Assistant
Delegate Joe May
33rd House District
P. O. Box 2146
Leesburg, VA 20177

(703) 777-1191 Home Office
(804) 698-1033 Richmond Office
EIT Office (703) 344-7392

In a message dated 9/9/2011 11:51:07 A.M. Eastern Daylight Time, lwalburn@clarkecounty.gov writes:

Good Morning Senator Vogel and Delegate May -

At the request of J. Michael Hobert, Chair - Clarke County Board of Supervisors, I am making the initial contact to gather available dates to begin the process of date setting for the 2011 Legislative Luncheon typically held at the Battletown Inn in Berryville at 12 noon.

With elections held on 11/8 and Thanksgiving holiday from 11/23 thru 11/25, we are looking more toward November 28 to December 23. Note, it is hoped that the successful 10th District representative will be able to join us.

Once I've received your available dates, I will contact my Board to firm up the date. As always, thank you for your consideration.

Lora B. Walburn
Deputy Clerk to the Board Supervisors
Executive Assistant - County Administration
County of Clarke
101 Chalmers Court, Suite B
Berryville, Virginia 22611
[540] 955-5175
[540] 955-5180 Fax
lwalburn@clarkecounty.gov

**BOARD OF SUPERVISORS
REGULAR MEETING
ZONING ORDINANCE TEXT AMENDMENT**

**ITEM
2011 SEPTEMBER 27
SET PUBLIC HEARING**

The Clarke Planning Commission will consider the amendment of the County Zoning Ordinance: Sections 3-A-1-c, 3-A-2-c, 3-A-3-c, Minimum Setback Requirements in the AOC, FOC, and Rural Residential Zoning Districts so as to increase from 150 to 200 sq ft the size of a structure that would be considered an accessory structure with reduced property line setback requirements. Section 3-E-1-d, Use Regulations in the Flood Plain Overlay District, so as increase the minimum size for a structure allowed in a 100-year flood plain from 150 to 200 square feet. Section 3-C-2-h, Supplemental Regulations for Dwellings of less than 600 square feet of Heated Area, so that the 600 square foot measurement applies to Living Space (defined in the Building Code as: “Space within a dwelling unit utilized for living, sleeping, eating, cooking bathing, washing and sanitation purposes.”) instead of Heated Area, which has no technical definition. TA-11-02

After a public hearing on April 1st at which no member of the public spoke, the Commission voted unanimously (absent: Brumback, Dunning and Wade), to recommend approval of the amendments to the Board of Supervisors.

RECOMMENDATION

Set public hearing on the proposed amendments to the County Zoning Ordinance for the next regular meeting of the Board on October 18.

Comments to PC – Apr 1

No additional comments.

RECOMMENDATION

Approval of the proposed amendments to the County Zoning Ordinance.

Comments to PC – Mar 4

A recent change in the International Building Code, which is adopted by the Commonwealth of Virginia for use in all local jurisdictions, has increased the minimum area of a structure not requiring a Building Permit from 150 square feet to 200 square feet. The Zoning Ordinance has used the 150 sq ft threshold as the definition of an accessory structure that is eligible for reduced property line setbacks. The proposed amendment would increase the threshold for such accessory structures to 200 sq ft and would bring the Zoning Ordinance into conformance with the Building Code.

The 150 sq ft threshold is also used in the Flood Plain Overlay District. This overlay district establishes maximum and minimum size standards for the limited types of recreational and accessory structures allowed in the 100-year Flood Plain. This amendment would increase the minimum structure area from 150 to 200 sq ft. A minimum structure area was established so that a Building Permit would be necessary and the location and use of the structure could be verified.

Further, the Zoning Ordinance makes provision on parcels of six acres or more for dwellings with less than 600 sq ft as not requiring a Dwelling Unit Right in the AOC and FOC Zoning Districts. Currently, the Ordinance describes the 600 sq ft as applying to ‘Heated Area’, which is not specifically defined. However, the Building Code has the term “Living Space which the Code defines as: “Space within a dwelling unit utilized for living, sleeping, eat, cooking bathing, washing and sanitation purposes.” Having a specific definition in this instance, that is consistent with the Building Code would aid in the equitable administration of this section.

RECOMMENDATION

Set Public Hearing on the proposed amendments to the County Zoning Ordinance for the next regular meeting of the Commission on April 1st.

ZONING ORDINANCE TEXT AMENDMENT

Text to be added showed in ***bold Italics***

Text to be deleted showed ~~struck through~~

3 DISTRICT REGULATIONS

3-A SCHEDULE OF DISTRICT REGULATIONS

3-A-1 Agricultural-Open Space-Conservation District - AOC

3-A-1-c Minimum Setback Requirements

	Parcels with less than 1 acre	Parcels with at least 1 but less than 4 acres	Parcels with at least 4, but less than 20 acres	Parcels with 20 acres and greater
From all property lines	10 feet	25 feet	50 feet	75 feet
(structures 150 200 sq. ft. or less)	5 feet	10 feet	50 feet	75 feet

3-A-2 Forestal-Open Space-Conservation District - FOC

3-A-2-c Minimum Setback Requirements

	Parcels with less than 1 acre	Parcels with at least 1 but less than 4 acres	Parcels with at least 4, but less than 20 acres	Parcels with 20 acres and greater
From all property lines	10 feet	25 feet	50 feet	75 feet
(structures 150 200 sq. ft. or less)	5 feet	10 feet	50 feet	75 feet

3-A-3 Rural Residential District (RR)

3-A-3-c Minimum Setback Requirements

	Parcels with less than 15,000 sq. ft.	Parcels with 15,000 sq. ft or more
From rear property lines	25 feet	35 feet
(structures 150 200 sq. ft. or less)	5 feet	10 feet

3-E SCHEDULE OF OVERLAY DISTRICT REGULATIONS

3-E-1 Flood Plain District (FP)

3-E-1-d Use Regulations in the Flood Plain District

In the flood plain district the following provisions shall apply:

4. The following uses may be permitted, with issuance of a Zoning and/or Building Permit, in the Flood Plain District limited by the regulations imposed by this section, the underlying zoning district, and the Uniform Statewide Building Code:
 - c. Recreational uses limited to parks, playgrounds, golf courses, driving ranges, boat landings, docks, picnic grounds, and transient amusement enterprises, provided such facilities are not usable for human habitation.
 1. Structures with walls related to such uses shall not exceed an aggregate floor area of five hundred (500) square feet per parcel or have less than ~~one hundred and fifty (150)~~ **two hundred (200)** square feet. Such structures shall be set back at least 100 feet from the Shenandoah River.
 2. Structures without walls related to such uses shall not exceed an aggregated floor area of 1500 square feet per parcel or have less than ~~150~~ **200** square feet. Such structures' roof framing shall be at least one foot above the 100-year flood elevation; however, the structures' height shall not be more than 15 feet above grade. Such structures shall be set back at least 500 feet from the Shenandoah River.

- d. Accessory structures not more than 500 square feet or less than ~~150~~ **200** square feet in floor area to include roadside and park stands for the sale of food, fruit and vegetables, fishing bait, and boat rental, provided such facilities are not usable for human habitation. However, no structure for such uses shall be allowed within 100 feet of the Shenandoah River.

3-C SUPPLEMENTARY REGULATIONS

Uses in Various Districts

3-C-3 Supplementary Regulations for Development in Annexation Area B

3-C-2-h Dwellings of less than 600 square feet ~~heated area~~ **of Living Space:**

One such dwelling, occupied by not more than two people, is allowed on parcels of six acres or more. Such dwellings shall be on the same parcel as a Single-Family Detached Dwelling Unit with more than 600 square feet of ~~heated area~~ **Living Space**. For parcels not under permanent conservation easement, such dwellings shall be located within 300 feet of a Single-Family Detached Dwelling Unit with more than 600 square feet of ~~heated area~~ **Living Space**. ***Living Space is space within a dwelling utilized for living, sleeping, eat, cooking bathing, washing and sanitation purposes.***

**BOARD OF SUPERVISORS
REGULAR MEETING
ZONING ORDINANCE TEXT AMENDMENT**

**2011 SEPTEMBER 27
SET PUBLIC HEARING**

The Clarke County Planning Commission recommends the amendment of the County Zoning Ordinance:

Section 3-E-3-e, Certificates of Appropriateness (in Historic Overlay Districts), so as to require the review of changes to the roof or windows of contributing buildings (in addition to changes that require a Building Permit) to be reviewed by the full Historic Preservation Commission instead of the Commission's Executive Committee. The changes also edit the sections for clarity, establish a time limit for action, and to specifically state that the public hearing notice requirements shall follow the requirements for all other public hearings, as described in Zoning Ordinance section 10-E.

Section 3-E-3-f, Appeals, which references Virginia Code Section 15.2306, which allows the demolition of an historic structure if it is offered for "a price reasonably related to its fair market value", so as to establish a method to define this price.

TA-11-03

After a public hearing at which no member of the public spoke, the Commission voted (Yes: Ohrstrom, Caldwell, Kreider, McKay, Nelson, Steinmetz, Thuss; No: McFillen; Absent: Brumback, Dunning, Wade), to recommend approval of the amendments to the Board of Supervisors.

RECOMMENDATION

Set public hearing on the proposed amendment for the next regular meeting of the Board on October 18.

Comment to PC – 2001 July 1

At the last Commission meeting, several Commissioners expressed concern about the lack of time limit for Preservation Commission action and the method for defining "a price reasonably related to its fair market value" for demolition purposes.

- The amendment has been revised so as to establish a time limit of 60 days from the first public hearing for Commission action and 30 days from its initial meeting for Executive Committee action.
- Regarding the definition of "price", the amendment has been revised to state: "Such price shall be not more than 120% of the assessed value of the property as set by the County Commissioner of the Revenue. If the property owner does not believe that a price that is not more than 120% of the assessed value is reasonable, he or she may obtain a value from a certified appraiser at his or her expense. If the value determined by the property owner's appraiser exceeds 120% of the assessed value, the appraiser and the Commissioner of the Revenue shall establish a mutually agreed upon price. If the appraiser and the Commissioner are unable to establish a mutually agreed upon price, the County shall obtain the services of a certified appraiser to establish a third value. The cost of this appraiser to establish a third value shall be paid by the property owner. The price reasonably related to fair market value shall then be the average of the assessed value, the value established by the appraiser hired by the property owner, and the value established by the third appraiser."

RECOMMENDATION

Recommend approval to the Board of Supervisors of the proposed amendments

Comments to PC – May 6

The phrase "a price *within* 20% of the current ...value" has been clarified to read "a price *not exceeding* 20% of the current ... value" as suggested by Commission members. The County Historic Preservation Commission has voted to recommend both amendments.

RECOMMENDATION

Recommend approval to the Board of Supervisors of the proposed amendments

Comments to PC – May 6

Since the last Commission meeting, it has come to staff's attention that the Section 3-E-3-f, Appeals of decisions in Historic Overlay Districts, references Virginia Code Section 15.2306, which allows the demolition of an historic structure if it is offered for "a price reasonably related to its fair market value". There is no specific definition as to the method of

**BOARD OF SUPERVISORS
REGULAR MEETING
ZONING ORDINANCE TEXT AMENDMENT**

**2011 SEPTEMBER 27
SET PUBLIC HEARING**

determining a price reasonably related to its fair market value. This could be determined by the hiring of appraisers, however given that a property's assessed value is supposed to be fair market value, it is proposed to define this phrase as meaning a price within 20% of the current property value assessed by the Clarke County Commissioner of the Revenue. Providing a 20% range in property value allows for changes in market conditions and addresses the portion of the Virginia Code section that says the price is to be "reasonably related" to fair market value.

As this amendment deals with the same sections of the Zoning Ordinance concerning Historic Overlay Districts as the previously advertised amendment, it is recommended that action on the early amendment be postponed and the amendments readvertised so as to include the additional change.

RECOMMENDATION

Set Public Hearing on the expanded proposed amendments to the County Zoning Ordinance for the next regular meeting of the Commission on June 3rd.

Comments to PC – April 1

Clarke County has two county historic overlay districts: White Post (28 parcels) and Millwood commercial property (8 parcels). Currently, the full Commission reviews applications for Certificates of Appropriateness in these overlay districts for the erection of any building or structure or the major alteration or restoration of a contributing building or structure. The Commission's Executive Committee (Chair and Vice-chair) reviews for any degree of alteration or restoration of a non-contributing building or structure, for a minor alteration or restoration of a contributing building or structure, or for the erection of a sign. A minor alteration is defined as something that requires a Building Permit. Changes/replacements to roofs and windows do not require a Building Permit; however, such changes can significantly alter the character of historic structures and it is the consensus of the Historic Preservation Commission that proposals dealing with roofs and windows should also come to the full Commission. In addition, other editorial clarifications are proposed and a clarification that the public hearing notice requirements for applications coming to the full Commission are to follow the standard procedure for all other public hearing notices.

RECOMMENDATION

Set Public Hearing on the proposed amendments to the County Zoning Ordinance for the next regular meeting of the Commission on May 6th.

ZONING ORDINANCE TEXT AMENDMENT

Text to be added showed in ***bold Italics***Text to be deleted showed ~~struck through~~

3-E-3 Historic Districts (H)

3-E-3-e Certificate of Appropriateness

1. Erection, Reconstruction, Alteration, or Restoration in an Historic District
 - a. The Preservation Commission shall ~~review~~ ***approve*** a Certificate of Appropriateness before any of the following activities may occur within the boundaries of a Historic District:
 1. the erection of any building or structure; or
 2. major alteration or restoration of a contributing building or structure.
 - b. The Executive Committee of the Preservation Commission, ***comprised of the Commission's Chair and the Vice-Chair***, shall approve a Certificate of Appropriateness before any of the following activities may occur within the boundaries of a Historic District:
 1. any degree of alteration or restoration of a non-contributing building or structure;
 2. minor alteration or restoration of a contributing building or structure, or
 3. the erection of a sign.
 - c. If the Executive Committee finds that the proposed activity is not compatible with the Historic District, as described in section ~~(b) 3-E-3-e-(3) below~~, ***Criteria for Approval of Certificate of Appropriateness***, the matter shall be referred to the full Preservation Commission for consideration. A decision ***by the Executive Committee*** to approve a Certificate may be appealed to the ***full*** Preservation Commission ***by any aggrieved party (except as noted below)*** within 10 working days of the decision. A decision of the Preservation Commission may be appealed to the Board of Supervisors ***per section 3-E-3-f, Appeals***. ~~Public notice is not required before action by the Executive Committee. Public notice is required before action by the Preservation Commission and/or Board of Supervisors.~~ The Chair of the Commission shall inform the Historic Preservation Commission of any Executive Committee approval in writing, within five working days ***of the action. A member of the Commission may request, in writing, that the full Commission review an approval by the Executive Committee. Such request for review must be submitted to the Zoning Administrator within five working days of action notification.***
 - d. A major alteration of a building or structure ***shall include any work that*** requires a building permit, ***or the repair or replacement of windows or roofs***. A minor alteration of a building or structure does not require a building permit ***or does not involve the repair or replacement of windows or roofs***. ~~The Executive Committee of the Preservation Commission shall be comprised of the Chair and the Vice-Chair.~~
 - e. Approval of a Certificate certifies that such erection, reconstruction, alteration or restoration is compatible with the historic landmarks, buildings, or structures within the District, based upon criteria listed in subsection ~~3-E-3-e-(3)~~. This section shall not be construed as to include normal repairs and maintenance such as repainting, provided such repair and maintenance activity does not include any architectural changes or alterations.
4. ***Action on Certificate of Appropriateness Application***
 - a. Public Notice Required ~~Prior to the issuance of any Certificate of Appropriateness~~
The Commission shall provide public notice ***in accord with section 10-E, Public Hearings*** of an application for ***a Certificate of Appropriateness for any activity that is initially heard by the full Commission*** ~~same, which notice shall include the date, time and location of the Commission meeting at which any such application will be considered, as well as a reference to the location and activity for which any such Certificate is sought. Such notice shall appear at least one time in a newspaper having general circulation in Clarke County, and shall appear no less than seven days prior to the date of each such meeting.~~ ***Public notice is not required before action by the Executive Committee.***

b. Time Period for Action

The Preservation Commission shall act to approve, approve with conditions, or deny the requested Certificate of Appropriateness within 60 days of the initial Public Hearing on the request. Failure of the Commission to act within this 60-day period shall be deemed approval of the request unless the Commission and the applicant agree upon an extension of the time period. The Executive Committee shall act to approve, approve with conditions, or refer to the Commission the requested Certificate of Appropriateness within 30 days of the first meeting of the Committee on the request. Failure of the Committee to act within this 30-day period shall be deemed approval of the request unless the Committee and the applicant agree upon an extension of the time period.

3-E-3-f Appeals

1. Any decision made under the provisions of this Section may be appealed to the Board of Supervisors by any party aggrieved by such decision and may be further appealed pursuant to ~~Section 15.2-2306~~, Code of Virginia (1950), as amended.
2. *In lieu of an appeal to the Board of Supervisors of a decision to deny a request to demolish an historic structure, Section 15.2-2306 provides a procedure to allow a property owner to demolish an historic structure after it has been offered for sale “at a price reasonably related to its fair market value”.*
 - a. *Such price shall be not more than 120% of the assessed value of the property as set by the County Commissioner of the Revenue.*
 - b. *If the property owner does not believe that a price that is not more than 120% of the assessed value is reasonable, he or she may obtain a value from a certified appraiser at his or her expense. If the value determined by the property owner’s appraiser exceeds 120% of the assessed value, the appraiser and the Commissioner of the Revenue shall establish a mutually agreed upon price. If the appraiser and the Commissioner are unable to establish a mutually agreed upon price, the County shall obtain the services of a certified appraiser to establish a third value. The cost of this appraiser to establish a third value shall be paid by the property owner. The price reasonably related to fair market value shall then be the average of the assessed value, the value established by the appraiser hired by the property owner, and the value established by the third appraiser.*

§ 15.2-2306. Preservation of historical sites and architectural areas.

A. 1. Any locality may adopt an ordinance setting forth the historic landmarks within the locality as established by the Virginia Board of Historic Resources, and any other buildings or structures within the locality having an important historic, architectural, archaeological or cultural interest, any historic areas within the locality as defined by § 15.2-2201, and areas of unique architectural value located within designated conservation, rehabilitation or redevelopment districts, amending the existing zoning ordinance and delineating one or more historic districts, adjacent to such landmarks, buildings and structures, or encompassing such areas, or encompassing parcels of land contiguous to arterial streets or highways (as designated pursuant to Title 33.1, including § 33.1-41.1 of that title) found by the governing body to be significant routes of tourist access to the locality or to designated historic landmarks, buildings, structures or districts therein or in a contiguous locality. A governing body may provide in the ordinance that the applicant must submit documentation that any development in an area of the locality of known historical or archaeological significance will preserve or accommodate the historical or archaeological resources. An amendment of the zoning ordinance and the establishment of a district or districts shall be in accordance with the provisions of Article 7 (§ 15.2-2280 et seq.) of this chapter. The governing body may provide for a review board to administer the ordinance and may provide compensation to the board. The ordinance may include a provision that no building or structure, including signs, shall be erected, reconstructed, altered or restored within any such district unless approved by the review board or, on appeal, by the governing body of the locality as being architecturally compatible with the historic landmarks, buildings or structures therein.

2. Subject to the provisions of subdivision 3 of this subsection the governing body may provide in the ordinance that no historic landmark, building or structure within any district shall be razed, demolished or moved until the razing, demolition or moving thereof is approved by the review board, or, on appeal, by the governing body after consultation with the review board.

3. The governing body shall provide by ordinance for appeals to the circuit court for such locality from any final decision of the governing body pursuant to subdivisions 1 and 2 of this subsection and shall specify therein the parties entitled to appeal the decisions, which parties shall have the right to appeal to the circuit court for review by filing a petition at law, setting forth the alleged illegality of the action of the governing body, provided the petition is filed within thirty days after the final decision is rendered by the governing body. The filing of the petition shall stay the decision of the governing body pending the outcome of the appeal to the court, except that the filing of the petition shall not stay the

decision of the governing body if the decision denies the right to raze or demolish a historic landmark, building or structure. The court may reverse or modify the decision of the governing body, in whole or in part, if it finds upon review that the decision of the governing body is contrary to law or that its decision is arbitrary and constitutes an abuse of discretion, or it may affirm the decision of the governing body.

In addition to the right of appeal hereinabove set forth, the owner of a historic landmark, building or structure, the razing or demolition of which is subject to the provisions of subdivision 2 of this subsection, shall, as a matter of right, be entitled to raze or demolish such landmark, building or structure provided that: (i) he has applied to the governing body for such right, (ii) the owner has for the period of time set forth in the same schedule hereinafter contained and at a price reasonably related to its fair market value, made a bona fide offer to sell the landmark, building or structure, and the land pertaining thereto, to the locality or to any person, firm, corporation, government or agency thereof, or political subdivision or agency thereof, which gives reasonable assurance that it is willing to preserve and restore the landmark, building or structure and the land pertaining thereto, and (iii) no bona fide contract, binding upon all parties thereto, shall have been executed for the sale of any such landmark, building or structure, and the land pertaining thereto, prior to the expiration of the applicable time period set forth in the time schedule hereinafter contained. Any appeal which may be taken to the court from the decision of the governing body, whether instituted by the owner or by any other proper party, notwithstanding the provisions heretofore stated relating to a stay of the decision appealed from shall not affect the right of the owner to make the bona fide offer to sell referred to above. No offer to sell shall be made more than one year after a final decision by the governing body, but thereafter the owner may renew his request to the governing body to approve the razing or demolition of the historic landmark, building or structure. The time schedule for offers to sell shall be as follows: three months when the offering price is less than \$25,000; four months when the offering price is \$25,000 or more but less than \$40,000; five months when the offering price is \$40,000 or more but less than \$55,000; six months when the offering price is \$55,000 or more but less than \$75,000; seven months when the offering price is \$75,000 or more but less than \$90,000; and twelve months when the offering price is \$90,000 or more.

4. The governing body is authorized to acquire in any legal manner any historic area, landmark, building or structure, land pertaining thereto, or any estate or interest therein which, in the opinion of the governing body should be acquired, preserved and maintained for the use, observation, education, pleasure and welfare of the people; provide for their renovation, preservation, maintenance, management and control as places of historic interest by a department of the locality or by a board, commission or agency specially established by ordinance for the purpose; charge or authorize the charging of compensation for the use thereof or admission thereto; lease, subject to such regulations as may be established by ordinance, any such area, property, lands or estate or interest therein so acquired upon the condition that the historic character of the area, landmark, building, structure or land shall be preserved and maintained; or to enter into contracts with any person, firm or corporation for the management, preservation, maintenance or operation of any such area, landmark, building, structure, land pertaining thereto or interest therein so acquired as a place of historic interest; however, the locality shall not use the right of condemnation under this subsection unless the historic value of such area, landmark, building, structure, land pertaining thereto, or estate or interest therein is about to be destroyed.

B. Notwithstanding any contrary provision of law, general or special, in the City of Portsmouth no approval of any governmental agency or review board shall be required for the construction of a ramp to serve the handicapped at any structure designated pursuant to the provisions of this section.

**BOARD OF SUPERVISORS
REGULAR MEETING
ZONING ORDINANCE TEXT AMENDMENT**

**2011 SEPTEMBER 27
SET PUBLIC HEARING**

The Clarke County Planning Commission will consider the amendment of the County Zoning Ordinance: Sections 3-A-1-a-2, 3-A-2-a-2, 3-A-3-a-2, *Accessory Uses in the AOC, FOC, and Rural Residential Zoning Districts*, so as to allow 'Structures up to 80 feet high for noncommercial telecommunication antennae'; Section 3-A-1-a-3 and 3-A-2-a-3, *Special Uses in the AOC and FOC Zoning Districts*, so as to add the adjective 'commercial' when describing telecommunication monopoles over 50 feet in height that are currently allowed as a Special Use in these Zoning Districts; Sections 3-A-1-f and 3-A-2-f, *Vegetated Property Buffer in the AOC and FOC Zoning Districts*, so as to allow structures for noncommercial telecommunication antennae in required Vegetative Property Buffers provided that vegetation may be cut only within a six foot radius of the structure, but with no land disturbance; Section 3-C-2, *Supplementary Regulations for Uses in Various Districts*, so as establish standards for 'Structures up to 80 feet high for noncommercial telecommunication antennae'; Section 9-B-41, *definition of the term "Commercial"*: so as to change the definition from "Any wholesale, retail, or service business activity established to carry on trade for a profit." to "Any activity conducted with the intent of realizing a profit from the sale of goods or services to others. The term 'Noncommercial' means any activity conducted with the intent of not realizing a profit from the sale of goods or services to others."

TA-11-05

After a public hearing at which one member of the public spoke in favor of the changes and after the Commission discussed whether there should be a sunset clause on the proposed provisions because of expected changes in technology, the Commission voted unanimously (absent: Ohrstrom), to recommend approval of the amendments to the Board of Supervisors, on condition that the amendments would be automatically rescinded five years after approval of the Board of Supervisors. At the Board work session, Board members suggested that setback requirements also apply to easements for above ground utilities, that there be a removal clause for structures whose antennae are not functional for 12 consecutive months, and that an alternative be provided for the change of definition of the term commercial so that it only applies to these structures for telecommunication antennae.

RECOMMENDATION

Set public hearing on the proposed amendments to the County Zoning Ordinance for the next regular meeting of the Board on October 18.

Comment to PC – September 2

The Commission committee (Caldwell, McFillen, McKay, Thuss) met on July 7 and July 14. The committee agreed to:

1. increase the proposed allowed height from 75 feet to 80 feet in order to allow better reception in areas with trees.
2. add a clarification to further limiting clearing in vegetative buffers;
3. modify the proposed Supplemental Regulations to replace the requirement that the structures be unpainted galvanized metal with a requirement that "The visual impact of such structures and any associated facilities (including attachments, security fencing, utilities, and equipment shelters) shall blend with the natural environment of the surrounding area as determined by the Zoning Administrator."
4. Add a regulation to state: "Only telecommunication antennae and /or equipment may be attached to such structures."
5. change the definition of the term Commercial: Currently the term is defined as: "Any wholesale, retail, or service business activity established to carry on trade for a profit." The revised definition would read: "Any activity conducted with the intent of realizing a profit from the sale of goods or services to others. The term 'Noncommercial' means any activity conducted with the intent of not realizing a profit from the sale of goods or services to others." This change was made to clarify what 'non-commercial' means and in this instance to differentiate between companies engaged in business for profit vs. individuals who provide a service (telecommunication) to their neighbors with at no profit.

RECOMMENDATION

Recommend approval of the proposed amendments to the Board of Supervisors.

**BOARD OF SUPERVISORS
REGULAR MEETING
ZONING ORDINANCE TEXT AMENDMENT**

**2011 SEPTEMBER 27
SET PUBLIC HEARING**

Comments to PC – July 1

This amendment proposes to increase the height for non-commercial telecommunication structures from 50 to 75 feet in the AOC and FOC Zoning Districts and allowing non-commercial telecommunication structures up to 75 feet in the Rural Residential Zoning Districts. This is proposed so as to allow improved telecommunication capabilities in rural areas of the County. Supplemental regulations are also proposed that would:

1. limit such structures to 75 feet in height,
2. require such structures to be setback from all property lines a distance equal to the height of the structure or obtain a fall zone easement from adjoining property owners that equals the height of the structure that exceeds the setback provided,
3. prohibit such structures from being illuminated, and
4. require such structure to be unpainted galvanized metal.

Associated with the change is a provision to allow structures for noncommercial telecommunication antennae in required Vegetative Property Buffers provided that vegetation may be cut only within a six-foot radius of the structure, but with no land disturbance. Also associated with this change is a proposed addition of the adjective 'commercial' when describing telecommunication monopoles over 50 feet in height that are currently allowed as a Special Use in these Zoning Districts.

RECOMMENDATION

Recommend to the Board of Supervisors the approval of the proposed amendments to the County Zoning Ordinance.

ZONING ORDINANCE TEXT AMENDMENT

Text to be added showed in ***bold Italics***Text to be deleted showed ~~struck through~~

3 DISTRICT REGULATIONS

3-A SCHEDULE OF DISTRICT REGULATIONS

3-A-1 Agricultural-Open Space-Conservation District - AOC

3-A-1-a Permitted Uses and Structures

2. Accessory Uses and Structures

Uses and structures that are customarily accessory and clearly incidental and subordinate to permitted uses and structure, including:

- c. Structures ~~less than 50~~ ***up to 80*** feet high for ~~commercial and~~ noncommercial ***telecommunication antennae***

3. Special Uses and Structures

- n. Monopoles greater than 50 feet in height for ***commercial*** telecommunication antennae

3-A-1-f Vegetated Property Buffer

Except for those land uses listed as exempt, existing woody vegetation within 25 feet of all property lines shall be retained on parcels of less than 20 acres recorded after 21 February 2003.

1. Dead trees and shrubs may be removed.
2. Invasive alien species may be removed. Invasive alien species shall be those listed by the Virginia Department of Conservation and Recreation.
3. The following types of development may be located in the vegetated property buffer, with the written approval of the Zoning Administrator and a member of the Planning Commission (preferably a Commission member from the Election District where the subject property is located), provided no more land, trees, or vegetation shall be disturbed than is necessary for construction, use, and maintenance of:
 - a. driveways and access easements of not less than 30 feet,
 - b. electric, gas, and telephone utility easements,
 - c. on-site water facilities and sewage disposal systems, if the Planning Commission determines that not allowing such facilities or systems in the buffer would prohibit the practical development of such facilities or systems,
 - d. public water and sewer lines (including water and sewer lines
 - e. constructed by private interests for dedication to public agencies), ~~or~~
 - f. fences, ***or***
 - g. ***structures for noncommercial telecommunication antennae (vegetation may be cut only within a six foot radius of the structure, but no vegetation removal shall result in land disturbance except as necessary for the structure itself).***

3-A-2 Forestal-Open Space-Conservation District - FOC

3-A-2-a Permitted Uses and Structures

2. Accessory Uses and Structures

Uses and structures that are customarily accessory and clearly incidental and subordinate to permitted uses and structure, including:

- c. Structures ~~less than 50~~ ***up to 80*** feet high for ~~commercial and~~ noncommercial communication antennae

3. Special Uses and Structures

- j. Monopoles greater than 50 feet in height for ***commercial*** telecommunication antennae

3-A-2-f Vegetated Property Buffer

9. The following clearing activities shall be allowed in the no-clear areas:

- a. Dead trees and shrubs may be removed.
- b. Invasive alien species may be removed. Invasive alien species shall be those listed by the Virginia Department of Conservation and Recreation.

- c. The following types of development may be located in the vegetated property buffer, with the written approval of the Zoning Administrator and a member of the Planning Commission (preferably a Commission member from the Election District where the subject property is located), provided no more land, trees, or vegetation shall be disturbed than is necessary for construction, use, and maintenance of:
1. driveways and access easements of not less than 30 feet,
 2. electric, gas, and telephone utility easements,
 3. on-site water facilities and sewage disposal systems, if the Planning Commission determines that not allowing such facilities or systems in the buffer would prohibit the practical development of such facilities or systems,
 4. public water and sewer lines (including water and sewer lines,
 5. constructed by private interests for dedication to public agencies), ~~or~~
 6. fences, *or*
 7. ***structures for noncommercial telecommunication antennae (vegetation may be cut only within a six foot radius of the structure, but no vegetation removal shall result in land disturbance except as necessary for the structure itself).***

3-A-3 Rural Residential District (RR)

3-A-3-a Permitted Uses and Structures

2. Accessory Uses and Structures

Uses and structures that are customarily accessory and clearly incidental and subordinate to permitted uses and structure, including:

d. ***Structures up to 80 feet high for noncommercial telecommunication antennae***

3-C SUPPLEMENTARY REGULATIONS

3-C-2 Uses in Various Districts

3-C-2-* Structures up to 80 feet high for noncommercial telecommunication antennae

1. ***Such structures and any attached antennae or equipment shall not exceed 80 feet in height.***
2. ***Such structures shall be setback from all property lines and above ground utility easements a distance equal to the height of the structure or obtain a fall zone easement from adjoining property or easement owners that equals the height of the structure that exceeds the setback provided.***
3. ***Such structures shall not be illuminated.***
4. ***The visual impact of such structures and any associated facilities (including attachments, security fencing, utilities, and equipment shelters) shall blend with the natural environment of the surrounding area as determined by the Zoning Administrator.***
5. ***Only non-commercial telecommunication antennae and /or equipment may be attached to such structures.***
6. ***The owner of the structure shall dismantle the structure, and all associates structures, if the attached telecommunication antennae are non-functional for more the 12 consecutive months.***

9 DEFINITIONS

9-B DEFINITIONS

9-B-41 COMMERCIAL:

~~Any wholesale, retail, or service business activity established to carry on trade for a profit.~~

Any activity conducted with the intent of realizing a profit from the sale of goods or services to others. The term 'Noncommercial' means any activity conducted with the intent of not realizing a profit from the sale of goods or services to others.

As an alternate, the Board could leave the definition in Section 9-B-41 unchanged and add the proposed text as item 7 in the Supplementary Regulations (above) to read:

- 7. For the purposes of this section alone, the term 'Commercial' means any activity conducted with the intent of realizing a profit from the sale of goods or services to others; and the term 'Noncommercial' means any activity conducted with the intent of not realizing a profit from the sale of goods or services to others.***

**BOARD OF SUPERVISORS
REGULAR MEETING
ZONING & SUBDIVISION ORDINANCE TEXT AMENDMENT**

**2011 SEPTEMBER 27
SET PUBLIC HEARING**

**The Clarke County Planning Commission recommends the amendment of the:
County Zoning Ordinance:**

Section 6-E, *Procedures for Site Plans*, so as to change the number and size of site plans submitted with an initial application and after approval, require the submission of digital copies, and establish standards for such digital submissions; and

County Subdivision Ordinance:

Section 4, *Procedures for Preliminary Subdivision Plat Application and Submission of Record Plat*, so as to change the number and size of plats submitted, require the submission of digital copies, and establish standards for such digital submissions.

TA-11-06

Ms. Teetor provided an overview of the amendment and requested the addition of text under the sections entitled: "The digital files shall be submitted in the following projections:" to add:

After a public hearing at which no member of the public spoke, the Commission voted unanimously (absent: Ohrstrom), to recommend approval of the amendments to the Board of Supervisors.

RECOMMENDATION

Set public hearing on the proposed amendments to the County Zoning Ordinance for the next regular meeting of the Board on October 18.

Comment to PC – 2011 September 2

No additional comments.

RECOMMENDATION

Recommend approval of the proposed amendments to the Board of Supervisors.

Comment to PC – 2011 July 1

The proposed amendments address changing submittal requirements for Site Plans and Subdivisions so as to increase the number of paper copies because of the number of reviewing agencies, but reducing the size of most of these copies for distribution to the Planning Commission. The amendment also requires submittal of digital copies and establishes specifications for such digital submittal. The digital submissions include one copy in a Portable Document Format or PDF and another in a format defined as suitable for incorporation into the County Geographic information System (GIS).

RECOMMENDATION

Set public hearing on the proposed amendments for the next public meeting of the Commission on 2011 September 2.

ZONING ORDINANCE TEXT AMENDMENT

Text to be added showed in **bold Italics**

Text to be deleted showed ~~struck through~~

6 SITE DEVELOPMENT PLANS

6-E PROCEDURES

6-E-2 Application

6-E-2-a Application for approval of a site development plan shall be made by submitting an application form, ~~15~~ **paper** copies of the site plan, **a digital or electronic copy of the site plan (Portable Document Format (PDF), digital files (as described below)** and the applicable fee, to the Agent.

1. **A total of 21 paper copies shall be submitted, 15 copies on 11 by 17 inch paper and six copies on 24 by 36 inch paper.**
2. **The digital files shall be provided in one of the following formats:**
DXF (AutoCAD ASCII Drawing Exchange File)
ArcGIS shapefile
ArcGis Personal geodatabase
3. **The digital files shall provide individual layers for the following features:**
Site boundary
Parcel lot lines
Lot numbers
Tax Map numbers
Streets and Roads
Road Right of Ways
Road names
Building footprints
Utilities and Lines
Easements
4. **The digital files shall be submitted in the following projection:**
Projected Coordinate System: NAD 1983 State Plane Virginia North FIPS 4501 Feet
Projection: Lambert Conformal Conic
False Easting: 11482916.66666666
False Northing: 6561666.66666667
Central Meridian: -78.50000000
Standard Parallel: 1:38.03333333
Standard Parallel: 2:39.20000000
Latitude Of Origin: 37.66666667
Linear Unit: Foot US
Geographic Coordinate System: GCS North American 1983
Datum: D North American 1983
Prime Meridian: Greenwich
Angular Unit: Degree
A minimum of two property corners shall be identified by xy coordinates in order to “tie to” existing GIS layers.

The Zoning Administrator may modify the number and size of paper copies or digital copies and may modify the format and features for such digital information based on unique circumstances.

- 6-E-4 Compliance with Conditions
 A Site Plan shall become null and void if it is not submitted, in a form complying with all conditions established by the Planning Commission or Board of Supervisors, to the Planning Commission or Board of Supervisors Chair and Zoning Administrator for signature within six months from the date of approval by the Planning Commission or Board of Supervisors. The Planning Commission or Board of Supervisors may extend this time limit upon written request of the property owner. *Such submittal shall include six copies on 24 by 36 inch paper, a digital or electronic copy of the site plan (Portable Document Format (PDF), digital files (see section 6-E-2-a-2 thru 5 for format, features, and projection). The Zoning Administrator may modify the number of paper copies or digital copies and may modify the format and features for such digital information based on unique circumstances.*

SUBDIVISION ORDINANCE TEXT AMENDMENT

Text to be added showed in ***bold Italics***

Text to be deleted showed ~~struck through~~

4 PROCEDURE FOR SUBDIVISION APPROVAL

4-B APPLICATION

4-B-4 Preliminary Plat.

4-B-4-(a) ~~Fifteen~~ ***Twenty-one*** blue line or black line prints (***fifteen copies on 11 by 17 inch paper and six copies on 24 by 36 inch paper***), a digital or electronic copy of the plat (***Portable Document Format (PDF), and digital files (as described below)***) shall be submitted. ***For digital data standard transfer media will be accepted including CD, DVD, email or ftp.***

1. ***The digital files shall be provided in one of the following formats:***

DXF (AutoCAD ASCII Drawing Exchange File)

ArcGIS shapefile

ArcGis Personal geodatabase

2. ***The digital files shall provide individual layers for the following features:***

Site boundary

Parcel lot lines

Lot numbers

Tax Map numbers

Streets and Roads

Road Right of Ways

Road names

Building footprints

Utilities and Lines

Easements

3. ***The digital files shall be submitted in the following projection:***

Projected Coordinate System: NAD 1983 State Plane Virginia North FIPS 4501 Feet

Projection: Lambert Conformal Conic

False Easting: 11482916.66666666

False Northing: 6561666.66666667

Central Meridian: -78.50000000

Standard Parallel: 1:38.03333333

Standard Parallel: 2:39.20000000

Latitude Of Origin: 37.66666667

Linear Unit: Foot US

Geographic Coordinate System: GCS North American 1983

Datum: D North American 1983

Prime Meridian: Greenwich

Angular Unit: Degree

A minimum of two property corners shall be identified by xy coordinates in order to “tie to” existing GIS layers.

The Zoning Administrator may modify the number of paper prints or digital copies and may modify the format and features for such digital information based on unique circumstances.

4-B-4-(b) The preliminary plat and all required supporting documents submitted shall conform in all ways with the requirements set forth in Article 7, Section B of this Ordinance.

4-I SUBMISSION OF RECORD PLAT

4-I-1 After approval of the Preliminary Plat, ~~15~~ *paper* copies, *a digital or electronic copy of the plat (Portable Document Format (PDF), and digital files (See section 4-B-4-(a) 1 thru 4)* of the Record Plat ~~at least four of which shall evidence original signatures for all required certificates and approvals,~~ shall be submitted to the Zoning Administrator not less than 15 days prior to the Commission meeting at which consideration thereon is desired.

- 1. A total of twenty-one paper copies shall be submitted, fifteen copies on 11 by 15 inch paper and six copies on 18 by 24 inch paper. These six copies shall evidence original signatures for all required certificates and approvals.*
- 2. For digital data standard transfer media will be accepted including CD, DVD, email or ftp. The Zoning Administrator may modify the number of paper prints or digital copies and may modify the format and features for such digital information based on unique circumstances.*

**BOARD OF SUPERVISORS
REGULAR MEETING
ZONING ORDINANCE TEXT AMENDMENT**

**2011 SEPTEMBER 27
SET PUBLIC HEARING**

The Clarke County Planning Commission recommends the amendment of the County Zoning Ordinance:

- Section 1, Authority, Purposes and Intent, Planning Commission, and Zoning Administrator, and Section 7, Appeals, Variance and Zoning Map Interpretations, so as to shift the sections regarding modifications that can be approved by the Zoning Administrator from Section 1 to Section 7;**
Sections 3-A-1-d, 3-A-2-d, 3-A-d, Maximum Height of All Structures in the AOC, FOC, and Rural Residential Zoning Districts and
Section 4-H-3, Height Regulations Exceptions, so as to shift from Section 4-H-3 to Section 3-A the 25-foot height limit for structures on parcels narrower than 75 feet;
Section 3-C-2, Supplementary Regulations for Uses Various Districts and
Section 4-H-3, Height Regulations Exceptions, so as to shift from Section 4-H-3 to Section 3-C-2 the 18 foot, six-inch height limit for Gasoline Pump Canopies;
Section 4-H, Height Regulations Exceptions, so as to shift from Section 4-H-3-c to 4-H-3-a the height exception for parapet walls and to increase the exception by 6 inches to 42 inches to be consistent with the Building Code;
Section 4-J-6, Exception process to requirement that off-street parking be located on the same lot as principal use, so as to change the entity that could approve such an exception from the Board of Zoning Appeals to the Planning Commission when it reviews a property's site plan;
Section 9-B-106, definition of the term 'Livestock', so as to define livestock as hoofed animals and the order of animals that includes ostriches and emus.

TA-11-07

After a public hearing at which no member of the public spoke, the Commission voted unanimously (absent: Ohrstrom), to recommend approval of the amendments to the Board of Supervisors.

RECOMMENDATION

Set public hearing on the proposed amendments to the County Zoning Ordinance for the next regular meeting of the Board on October 18.

Comment to PC – 2011 September 2

No additional comments.

RECOMMENDATION

Recommend approval of the proposed amendments to the Board of Supervisors.

Comment to PC – 2011 July 1

These amendments address four distinct topics:

First, recodifying the provision that allows the Zoning Administrator to make minor modifications to Zoning Ordinance requirements from the section describing the Zoning Administrator to the section describing other forms of appeals, variances, and interpretations.

Second, recodifying ordinances related to specific height limit exceptions to more logical locations in the ordinance and to make such standards, in regard to parapets, consistent with the current Building Code.

Third changing the entity, from the Board of Zoning Appeals to the Planning Commission, which can grant an exception to the requirement that off-street parking be on the same lot as the principal use. The change stipulates that the Commission can do this only as part of a Site Plan review process.

Fourth, changing the definition of livestock from a list of types of animals, some of which are incorrect, to simply hoofed animals plus the order of animals that includes ostriches and emus.

RECOMMENDATION

Set public hearing on the proposed amendments for the next public meeting of the Commission on September 2nd.

ZONING ORDINANCE TEXT AMENDMENT

Text to be added showed in ***bold Italics***

Text to be deleted showed ~~struck through~~

1 AUTHORITY, PURPOSES AND INTENT, PLANNING COMMISSION, AND ZONING ADMINISTRATOR

1-D ZONING ADMINISTRATOR

~~1-D-6 Administrative Modification of Zoning Ordinance Provisions by Zoning Administrator~~

7 APPEALS, VARIANCES, AND ~~ZONING MAP~~ INTERPRETATIONS, AND ***MODIFICATIONS***,

7-A ~~BOARD OF ZONING APPEALS — ORGANIZATION AND PROCEDURES~~

APPEALS, VARIANCE, AND ZONING MAP INTERPRETATIONS

7-A-1 ~~Membership~~ ***Board of Zoning Appeals – Organization and Procedures***

7-A-1-a Membership and following

~~7-B~~ ***7-A-2*** Appeals of Administrative Determinations

~~7-C~~ ***7-A-3*** Variance

~~7-D~~ ***7-A-4*** Zoning District Map Interpretations

~~7-E~~ ***7-A-5*** Not empowered to Rezoning Property

7-B ***MODIFICATIONS***

3 DISTRICT REGULATIONS

3-A SCHEDULE OF DISTRICT REGULATIONS

3-A-1 Agricultural-Open Space-Conservation District - AOC

3-A-1-d Maximum Height of All Structures: 35 feet, except ***on parcels with a width of less than 75 feet, structures shall not exceed a height of 25 feet, and*** as otherwise provided

3-A-2 Forestal-Open Space-Conservation District - FOC

3-A-2-d Maximum Height of All Structures: 35 feet, except ***on parcels with a width of less than 75 feet, structures shall not exceed a height of 25 feet, and*** as otherwise provided

3-A-3 Rural Residential District - RR

3-A-3-d Maximum Height of All Structures: 35 feet, except ***on parcels with a width of less than 75 feet, structures shall not exceed a height of 25 feet, and*** as otherwise provided

3-C SUPPLEMENTARY REGULATIONS

3-C-2 Uses in Various Districts

3-C-2-* Gasoline Pump Canopies: Canopies covering gasoline pumps shall not exceed a height of 18 feet, 6 inches.

4-H HEIGHT REGULATIONS

4-H-3 Height Limitations

4-H-3-a Exceptions:

1. Agricultural structures shall not exceed 50 feet in height, (except for silos, which shall not exceed 100 feet in height). However, in no event shall the height of agricultural structures exceed the distance from the structure to the nearest lot line.
2. Freestanding flagpoles may exceed the maximum height limit established in each zoning district by 50%, but shall not exceed in height the distance from the nearest lot line.
3. Water tanks shall not exceed in height the distance from the nearest lot line.

4-H-3-b

4. ~~Exceptions:~~ Towers, gables, penthouses, scenery lofts, residential chimneys, cupolas, spires, flagpoles, similar structures, smokestacks, and necessary mechanical appurtenances, may be erected on a building to a height greater than the limit established for the district in which the building is located; provided, that no such exception shall cover at any level more than fifteen percent of the area of the roof on which it is to be erected; and provided, further, that no such exception shall exceed maximum height established in the district by more than forty percent.

5. ***A parapet wall, cornice, or similar projection may exceed the height limit established for each zoning district by not more than three feet, six inches.***

4-H-3-e

~~Parapet Walls, Cornices, etc.:~~ A parapet wall, cornice or similar projection may exceed the height limit established for the district by not more than three feet, but shall not extend more than three feet above the roof level of any building.

4-H-3-d

~~Gasoline Pump Canopies:~~ Canopies covering gasoline pumps shall not exceed a height of 18 feet, 6 inches.

4-H-3-e

~~Structures in the AOC, FOC, or Rural Residential Zoning District on parcels with a width of less than 75 feet shall not exceed a height of 25 feet.~~

4 GENERAL REGULATIONS

4-J OFF-STREET PARKING

4-J-6 To be Located on Same Lot as Principal Use: Exceptions

4-J-6-a General: Required off-street parking facilities shall be on the same lot with the principal use or structure except as provided below.

4-J-6-b Exceptions: Where it is impractical to provide all or part of required off-street parking ***for non-single family uses*** on the same lot, exceptions may be permitted by the ~~Board of Zoning Appeals~~ ***Planning Commission. Such an exception shall be considered only in conjunction with the review of a Site Plan, as described in Section 6*** to allow off-street parking within the distances indicated in Section 4-J-6c below, as measured by normal pedestrian routes, subject to:

1. Buffering and design and improvement standards applying generally to off-street parking;
2. Special conditions and safeguards called for in the circumstances of the case; and
3. Requirements of satisfactory assurance that such required parking will remain available for the use or structure, or that equivalent similarly approved parking will be provided before such parking is diminished in whole or in part.

~~4-J-6-c Distances: The Board of Zoning Appeals may permit off lot parking not more than the indicated distance from the uses served, and in the same district or in a district appearing after said district in the Schedule of District Regulations. Distances shall be measured along pedestrian routes, and from the nearest portion of the off-street parking facility to an entrance to the use served.~~

~~Maximum Distance to Off-Site Parking Facility (feet):~~

One and two family	Must be on same lot
Other residential	300
All other uses	600

9 DEFINITIONS

9-B DEFINITIONS

9-B-106 LIVESTOCK: Includes all domestic or domesticated ***hoofed animals***; ~~bovine animals, including but not limited to cattle; caprine animals, including but not limited to sheep; equine animals, including but not limited to horses; including but not limited to goats; porcine animals, including but not limited to swine, and Struthioniformes order of animals (also known as ratite animals), including but not limited to ostriches and emus.~~

MEMORANDUM

TO: Board of Supervisors
FR: Thomas Judge, Director of Joint Administrative Services
DT: September 19, 2011
RE: *September Finance Committee Report*

1. **Supplemental Appropriations.** The Finance Committee recommends the following action:

"Be it resolved that FY 12 budgeted expenditures and appropriations for the V-Stop Grant in the General Fund be increased \$2,250, and revenue from the Federal Government recognized in the same amount, to adjust for a change in the approved grant."

2. **Acceptance of August Bills and Claims.** Acceptance of this report by the Board of Supervisors will be considered at their next meeting.
3. **Standing Reports.** The following are included: Reconciliation of Appropriations (FY 11). General Fund Balance (FY 11). General Fund Expenditure Summary (August FY 12 to be distributed under separate cover).

Title: General Fund Balance
 Source: Clarke County Joint Administrative Services

09/01/11

	<u>Previous</u>	<u>Current</u>	<u>Notes</u>
General Fund Balance Year End FY 2009	14,001,757	14,001,757	
Expenditure FY 10	(24,433,541)	(24,433,541)	
Revenue FY 10	24,586,665	24,586,665	
General Fund Balance (year end FY 10)	14,154,881	14,154,881	
Adjustments and Designations			
<i>Designations</i>			
Liquidity Designation @ 12% of FY 11 Budgeted Operating Revenue	(\$2,949,252)	(\$2,949,252)	
Stabilization Designation @ 3% of FY 11 Budgeted Operating Revenue	(737,313)	(737,313)	
Continuing Local GF Appropriations for Capital Projects	(4,955,633)	(4,955,633)	
School Capital/Debt	(1,500,000)	(1,500,000)	
Government Construction/Debt	(1,000,000)	(1,000,000)	
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	(400,000)	(400,000)	
Parks Master Plan	(100,000)	(100,000)	
School Operating Carryover	(343,718)	(343,718)	Less One Time Compensation Payout (excludes FY 12 usage of \$247,227)
Government Carryover Requests from Government Savings	(387,018)	(387,018)	Less One Time Compensation Payout for JAS only (take GOV and SS from FY 12)
Energy Efficiency	(200,000)	(200,000)	
Landfill costs	(50,000)	(50,000)	
FY 11 Original Budget Surplus (Deficit)	354,405	354,405	
TOTAL Designations	(13,274,859)	(13,274,859)	
FY 11 Expenditure Budget Adjustments	(671,974)	(671,974)	
FY 11 Revenue Budget Adjustments	296,525	296,525	
Undesignated Fund Balance Projected June 30	504,574	504,574	
TOTAL	504,574	504,574	

Clarke Co.		Reconciliation of Appropriations													Year Ending June 30, 2012		01-Sep-11	
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	1,351,849	1,022,594	19,048,085	780,232	1,725,525	844,918	374,129	4,122,196	510,910	150,000	25,000				
Adjustments:																		
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															
	Revised Appropriation	38,062,490	8,099,363	1,359,638	1,022,594	19,048,085	780,232	1,725,525	844,918	374,129	4,122,196	510,910	150,000	25,000				
	Change to Appropriation	50,806	43,117	7,689	0	0	0	0	0	0	0	0	0	0				
	Original Revenue Estimate	14,373,904	2,382,881	935,333	471,297	8,966,628	780,232	535,860	154,000		147,673	0	0	0				
	Adjustments:																	
09/27/11	V-Stop Grant		2,250															
	Revised Revenue Estimate	14,376,154	2,385,131	935,333	471,297	8,966,628	780,232	535,860	154,000	0	147,673	0	0	0				
	Change to Revenue Estimate	2,250	2,250	0	0	0	0	0	0	0	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	23,686,336	5,714,232	424,305	551,297	10,081,457	0	1,189,665	690,918	374,129	3,974,523	510,810	150,000	25,000				
	Change to Local Tax Funding	48,556	40,867	7,689	0	0	0	0	0	0	0	0	0	0				

Italics = Proposed actions

Clarke County Board of Supervisors

Government Projects Update

Clarke County Board of Supervisors

Miscellaneous Items

Board of Supervisors
Summary of Required Actions Status Report

Meeting/Letter Date	Item	Description	Responsibility	Status	Date Complete	Review Date
8/16/2011	1355	Correct and process approved minutes.	Lora B. Walburn	Complete	8/17/2011	
8/16/2011	1356	Carry forward Verification of Closed Session July 14, 2011 Regular Meeting.	Lora B. Walburn	Complete	8/17/2011	
8/16/2011	1357	Brief Supervisor Dunning regarding verification in advance of the meeting.	David Ash	Complete	8/31/2011	
8/16/2011	1358	Brief Supervisor Dunning on VDOT consideration of detour route in connection with repair of Route 723 bridge.	David Ash	Complete	8/31/2011	
8/16/2011	1359	Execute and forward Northwestern Community Services FY2012 Performance Contract.	David Ash	Complete	8/17/2011	
8/16/2011	1360	Provide notice of Board adoption of resolution pertaining to LODA Eligibility for Volunteer Fire and Rescue Companies.	David Ash	Send 8/16/2011 approved minutes to VRS		
8/16/2011	1361	Process public hearing notice.	Lora B. Walburn	Complete	8/19/2011	
8/16/2011	1362	Modify regional water supply population projections as discussed.	Chuck Johnston			
8/16/2011	1363	Continue to develop Chesapeake Bay TMDL local response.	Alison Teetor	See 9/27/2011 agenda	9/27/2011	
8/16/2011	1364	Process committee appointments.	Lora B. Walburn	Complete	8/18/2011	
8/16/2011	1365	Provide payroll with employee listing for one-time payout for general government employees.	David Ash	Complete	8/18/2011	
8/16/2011	1366	Execute Deferred Compensation documents.	J. Michael Hobert	Complete	8/16/2011	
8/16/2011	1367	Process executed Deferred Compensation documents.	David Ash			
8/16/2011	1368	Notify VCE of Board approval the supplemental appropriation of \$3,000 to fund a proportionate share of a horticultural agent position as requested by VCE.	Tom Judge	Complete	8/17/2011	
8/16/2011	1369	Provide FY2011 and FY2012 figures for 2011-15R.	David Ash	Complete	8/23/2011	
8/16/2011	1370	Process Resolution in Support of Restoration of State Funding for Aid to Localities 2011-15R.	Tom Judge	Complete	8/17/2011	
			Lora B. Walburn	Complete	8/17/2011	

Clarke County Board of Supervisors

Board Member Committee Status Reports

Clarke County Board of Supervisors

Closed Session

- 2.2-3711-A4 Privacy of individuals in personal matters.

Clarke County Board of Supervisors

Adjournment

Clarke County Board of Supervisors

Monthly Reports:

1. Building Department
2. Commissioner of the Revenue
3. Cooperative Extension – 4-H
4. Virginia Regional Transport

**COUNTY OF CLARKE
BUILDING PERMIT REPORT
FOR THE MONTH ENDING 8-31-2011**

RECEIVED SEP 06 2011

Page: 1

NEW RESIDENTIAL

SINGLE FAMILY STRUCTURES

Owner/Contractor Location	Description	Est Cost
PUGSLEY, THOMAS C & KAREN E/SELF CONTRACTOR 2171 OLD CHARLES TOWN ROAD 2	1-1/2 sty LOG DWELLING + ELEC	305,000
MORAN, MICHAEL A & TAMMY S/BLUE RIDGE CUSTOM ENTERPRISE 7010 HOWELLSVILLE ROAD 22620	CAPE COD DWELLING + ELEC + MEC	284,000
HARDESTY, DANIEL M & MARY O/WARFIELD HOMES, INC 1273 FISHPAW ROAD 22611	1-1/2 sty DWELLING + ELEC + ME	301,000
	SUBTOTAL:	3 890,000
	TOTAL:	3 890,000

RESIDENTIAL RENOVATIONS

Owner/Contractor Location	Description	Est Cost
FAUNCE, GEORGE F & JUANITA/SELF CONTRACTOR 127 BERRYS FERRY ROAD 22663	REPLACE SCREEN PORCH W/ SUNROO	33,000
BABAIE, JAFAR & KAREN S/SELF CONTRACTOR 313 DUNLAP DRIVE 22611	FINISH 2nd FL OF DWELLING INTO	86,000
BRADLEY, RONALD M TRUST/SELF CONTRACTOR 200 LOCKESLY LANE 22646	1sty ADDITION	606,000
ERISMAN, KEVIN D/SELF CONTRACTOR 1250 WITHERS LARUE ROAD 2261	ENCLOSE PORCH INTO LIVING SPAC	22,000
TIBBS, EARLINE S/R-BT REMODELING, LLC 14478 LORD FAIRFAX HIGHWAY 22	REMODEL DWELLING	75,000
MOORE, ROBERT W & JENNIFER/SELF CONTRACTOR 214 EAST MAIN STREET 22611	FINISH BASEMENT - 1. REC RM +	22,000
WILSON, JOHN H/SELF CONTRACTOR 10963 HARRY BYRD HIGHWAY 2261	REMODEL DWELLING + ELEC + MECH	98,000
DEAN, ANNE B/SELF CONTRACTOR 121 WEST MAIN STREET 22620	2sty ADDITION + REMODEL DWELLI	252,000
	TOTAL:	8 1,194,000

**COUNTY OF CLARKE
BUILDING PERMIT REPORT
FOR THE MONTH ENDING 8-31-2011**

COMMERCIAL RENOVATIONS

Owner/Contractor Location	Description	Est Cost
CASE, SAMUEL S & TERRY K/SELF CONTRACTOR 104 FIRST STREET 22611	REMODEL SHOW ROOM AREA (32' x	194,000
	TOTAL:	1 194,000

MISC BUILDING PERMITS

Owner/Contractor	Description	Est Cost
HOTT, GARY A & PATRICIA R/BRAITHWAITE, CHRIS	ATT CARPORT+BREEZEWAY+PORCH RO	19,000
SCHOOL BOARD OF CLARKE COUN/HOWARD SHOCKEY & SONS, INC	GREENHOUSE + ELEC + GAS + MECH	40,000
PHILLIPS, LUCIAN E & FELICI/SELF CONTRACTOR	RENEWAL PERMIT-2STY ADDITION +	0
KERSEY, KYLE B & KAITLIN M/SUNBURST CONSTRUCTION, INC	REAR DECK (23' x 12')	4,000
NOVAKOWSKI, GEORGE A JR & M/SELF CONTRACTOR	POOL HOUSE W/ STORM CELLAR (NO	20,000
JONKERS, VICTORIA L/SELF CONTRACTOR	SCREENED PORCH (12' x 32')	12,000
BRADLEY, RONALD M TRUST/SELF CONTRACTOR	POOL BATH HOUSE (124.4') + PAV	16,000
BARRETT, PETER/SELF CONTRACTOR	POLE BARN W/ FULL BATH (NO LIV	64,000
JOBE, JUSTIN C/SELF CONTRACTOR	DETACHED GARAGE (24' x 32')	24,000
BUCKLEY LAND CO, LLC/SELF CONTRACTOR	BLDG MASONRY CHIMNEY + INSTALL	3,000
KELLER, DONNA L & BRIAN D/SELF CONTRACTOR	POLE BUILDING (30' x 40')	30,000
PRATER, KEIKO/SELF CONTRACTOR	DET GARAGE/WORKSHOP W/ FULL BA	33,000
ORNDOFF, BARBARA ET AL/SELF CONTRACTOR	FREE STANDING DECK 8x20 (TEMPO	0
NOVAKOWSKI, GEORGE A JR & M/ANTHONY & SYLVAN POOLS CORPO	IN-GROUND POOL (19'x35'; 3'-8'	20,000
KEELER, ROLAND E JR & SHARO/SELF CONTRACTOR	ABV-GRD POOL (24' DIAMETER; 52	2,000

**COUNTY OF CLARKE
 BUILDING PERMIT REPORT
 FOR THE MONTH ENDING 8-31-2011**

MISC BUILDING PERMITS

<u>Owner/Contractor</u>	<u>Description</u>	<u>Est Cost</u>
MYERS, DUANE & STACEY/SELF CONTRACTOR	DECK (70')	1,000
WOLFE, THOMAS R & JOYCE T/SELF CONTRACTOR	PRE-FAB STORAGE SHED (12' x 20	6,000
	TOTAL:	17 294,000

DEMOLITIONS

<u>Owner/Contractor</u>	<u>Location</u>	<u>Est Cost</u>
KAREN WOLLARD & ASSOCIATES, /SELF CONTRACTOR	490 OLD FERRY LANE 20135	92,780
	TOTAL:	1 92,780

Total # of Building Permits Issued: 30
Total Estimated Cost: 2,664,780
Total Revenue Collected: 19,051.81

The following permits are not included in the total # of permits and estimated costs.

Electrical: 28
 Mechanical: 25
 Plumbing: 17

COUNTY OF CLARKE

RECAP BY PROJECT TYPE FOR THE MONTH ENDING: 8-31-2011

Page: 1

<u>Project Description</u>	<u>#</u>	<u>VALUE</u>
ACCESSORY BLDG RESIDENTIAL	2	94,000
ADDITION/REMODEL SINGLE FAMILY	7	1,119,000
RESIDENTIAL CARPORT	1	19,000
DECK/PORCH	3	17,000
DEMOLITION OF BUILDING	1	92,780
ELECTRIC PERMITS	28	0
FIREPLACE/CHIMNEY	1	3,000
ACCESSORY GOVERNMENT	1	40,000
MECHANICAL PERMITS	25	0
NEW RESIDENCE SINGLE FAMILY	3	890,000
NEW SINGLE FAMILY GARAGE	2	57,000
PLUMBING PERMITS	17	0
POOL HOUSE	2	36,000
SWIMMING POOL/SPA	2	22,000
RENEWAL PERMIT	1	0
REMODEL-MINIMUM FEE (COMM)	1	194,000
REMODEL-MINIMUM FEE (RES)	1	75,000
STORAGE SHED	1	6,000
UNDEFINED ACTIVITY	1	0
TOTALS:	100	2,664,780

RECAP BY DISTRICT FOR THE MONTH ENDING: 8-31-2011

<u>Name</u>	<u>#</u>	<u>VALUE</u>
GREENWAY DISTRICT	20	425,000
CHAPEL DISTRICT	14	720,000
BATTLETOWN DISTRICT	12	152,780
LONGMARSH DISTRICT	24	766,000
BERRYVILLE DISTRICT	19	348,000
BOYCE DISTRICT	11	253,000
TOTALS:	100	2,664,780

INSPECTIONS REPORT FOR THE MONTH ENDING: 8-31-2011

<u>Inspection Type</u>	<u>#</u>
Building:	119
Electrical:	60
Mechanical:	42
Plumbing:	20
Fire Protection:	1
TOTALS:	242

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
Monday	8/1/2011	5	3	8	1	6	1	1	1	1	10	97384	97440	56		
Tuesday	8/2/2011	4	4	8	11	3		1	1	1	16	97440	97521	81		
Wednesday	8/3/2011			0							0			0		
Thursday	8/4/2011	5	3	8	6	3	1	2	2		14	97521	97580	59	17	
Friday	8/5/2011			0							0			0		
Saturday	8/6/2011			0							0			0		
Sunday	8/7/2011			0							0			0		
Monday	8/8/2011	5	3	8	5	4	4	4	3		20	97580	97652	72		
Tuesday	8/9/2011	4	4	8	1						1			0		
Wednesday	8/10/2011	5	3	8	7	5	4				16	97652	97712	60		
Thursday	8/11/2011	4	4	8	1			1			2	97712	97735	23		
Friday	8/12/2011	5	3	8	5	8		1	1		15	97735	97782	47		
Saturday	8/13/2011			0							0			0		
Sunday	8/14/2011			0							0			0		
Monday	8/15/2011	8		8						25				0		CC Fair Rides
Tuesday	8/16/2011	5	3	8	8	8	1	1	1		19	97782	97849	67	17	
Wednesday	8/17/2011	5	3	8	5	3		2	1		11	97849	97902	53		
Thursday	8/18/2011	5	3	8	9	1		1	1		12	97902	97965	63		
Friday	8/19/2011	5	3	8	6	7	2	1			16	97965	98023	58		
Saturday	8/20/2011			0							0			0		
Sunday	8/21/2011			0							0			0		
Monday	8/22/2011	5	3	8	4		2				6	98023	98076	53		
Tuesday	8/23/2011	5	3	8	1	7		1	1		10	98076	98116	40	18	
Wednesday	8/24/2011	5	3	8	4	1		1	1		6	98116	98155	39		
Thursday	8/25/2011	4	4	8	2	1		1			4	98155	98179	24		
Friday	8/26/2011	5	3	8	8	4	1	1	2		16	98179	98224	45		
Saturday	8/27/2011			0							0			0		
Sunday	8/28/2011			0							0			0		
Monday	8/29/2011	4	4	8	2						2	98224	98232	8		
Tuesday	8/30/2011	5	3	8	10	4	5				19	98232	98285	53		
Wednesday	8/31/2011			0							0			0		Louisa Co. Damage Assess
TOTALS		98	62	160	96	65	21	19	14	25	215			901	52	

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
Monday	8/1/2011			0							0					
Tuesday	8/2/2011			0							0					
Wednesday	8/3/2011			0							0					
Thursday	8/4/2011			0							0					
Friday	8/5/2011			0							0					
Saturday	8/6/2011			0							0					
Sunday	8/7/2011			0							0					
Monday	8/8/2011			0							0					
Tuesday	8/9/2011			0							0					
Wednesday	8/10/2011			0							0					
Thursday	8/11/2011			0							0					
Friday	8/12/2011			0							0					
Saturday	8/13/2011			0							0					
Sunday	8/14/2011			0							0					
Monday	8/15/2011			0							0					
Tuesday	8/16/2011			0							0					
Wednesday	8/17/2011			0							0					
Thursday	8/18/2011			0							0					
Friday	8/19/2011			0							0					
Saturday	8/20/2011			0							0					
Sunday	8/21/2011			0							0					
Monday	8/22/2011			0							0					
Tuesday	8/23/2011			0							0					
Wednesday	8/24/2011			0							0					
Thursday	8/25/2011			0							0					
Friday	8/26/2011			0							0					
Saturday	8/27/2011			0							0					
Sunday	8/28/2011			0							0					
Monday	8/29/2011			0							0					
Tuesday	8/30/2011			0							0					
Wednesday	8/31/2011			0							0					
TOTALS		0	0	0	0	0	0	0	0	0	0			0	0	

**COUNTY OF CLARKE, VA
NEW SINGLE FAMILY DWELLINGS
2011**

	Battletown	Berryville	Boyce	Chapel	Greenway	Longmarsh	TOTAL	COMMENTS
January	0	0	0	1	1	0	2	Hse in GW replaces demolished dwelling.
February	0	0	0	0	0	0	0	
March	1	0	0	1	2	0	4	Hse in GW replaces dwelling that burned. Hse in CH built on existing foundation.
April	0	0	0	0	1	0	1	
May	0	1	0	2	0	1	4	
June	0	0	0	0	0	1	1	
July	0	0	0	0	0	0	0	
August	0	0	0	0	1	2	3	Hse in GW replaces demolished dwelling.
September							0	
October							0	
November							0	
December							0	
TOTAL	1	1	0	4	5	4	15	

COUNTY OF CLARKE CIRCUIT COURT
MONTH END DEEDS OF PARTITION AND CONVEYANCE
LOCAL TAXATION DEPARTMENT
COUNTY
FOR AUGUST, 2011

RECORDED	INSTRUMENT	GRANTOR	(X) GRANTEE/ADDRESS	(X) CONSIDERATION	TYPE	PERCENT
08/01/11	11-1319	MARTIN & THERESA G DUNPHY RECORDED TIME: 03:02 DESCRIPTION 1: BATTLETOWN DISTRICT DATE OF DEED : 00/00/00 BOOK: 536 NUMBER PAGES : 0	N THERESA GRACE DUNPHY TRUST 18777 BLUERIDGE MTN RD	N .00 BLUEMOND VA 20135	DG	100%
08/01/11	11-1313	MADELINE W PAIGE, ET AL RECORDED TIME: 10:35 DESCRIPTION 1: TOWN OF BERRYVILLE, LOT 8 DATE OF DEED : 07/28/11 BOOK: 536 NUMBER PAGES : 0	N JAMES R SHIPLEY 202 JOSEPHINE STREET	N 109,000.00 BERRYVILLE, VA 22611	DBS	100% <i>130,000</i> <i>W/imp/</i>
08/02/11	11-1331	YOUNG SOON YOON RECORDED TIME: 04:12 DESCRIPTION 1: TOWN OF BERRYVILLE DATE OF DEED : 08/02/11 BOOK: 536 NUMBER PAGES : 0	N LABAX LLC 18960 LOUDOUN ORCHARD RD	N 538,800.00 LEESBURG, VA 20175	DBS	100% <i>200,000</i>
08/02/11	11-1326	INDEPENDENCE REALTY LLC RECORDED TIME: 10:56 DESCRIPTION 1: 0.4540 ACRE - LONGMARSH DIST DATE OF DEED : 08/01/11 BOOK: 536 NUMBER PAGES : 0	N ANA DAISY HERNANDEZ-TORRES 15832 BERLIN TURNPIKE	N 60,000.00 PURCELLVILLE VA 20132	DBS	100% <i>W/imp/ 157,700</i>
08/03/11	11-1333	ERIC G & ADRIENNE M GINGRAS RECORDED TIME: 09:02 DESCRIPTION 1: LOT 6 - 3.4417 ACRES - BATTLETOWN DIST DATE OF DEED : 08/01/11 BOOK: 536 NUMBER PAGES : 0	N MALINDA R BLOOMINGDALE 209 WHISPERING KNOLLS LANE	N 504,000.00 BERRYVILLE VA	DBS	100% <i>210,000</i> <i>W/imp/</i>
08/05/11	11-1347	JAMIE WEST RECORDED TIME: 10:40 DESCRIPTION 1: CHAPEL DISTRICT, LOT 19, RIVER PARK SUBD DATE OF DEED : 07/28/11 BOOK: 536 NUMBER PAGES : 0	N MARY SCHAECHER 221 RIVER PARK LANE	N .00 BLUEMONT, VA 20135	DQC	100%
08/08/11	11-1353	GLASSER AND GLASSER, PLC (SINC RECORDED TIME: 09:00 DESCRIPTION 1: BATTLETOWN DISTRICT DATE OF DEED : 02/04/11 BOOK: 536 NUMBER PAGES : 0	N SECRETARY OF HOUSING & URBAN D 3600 WEST BROAD STREET	Y 236,600.00 RICHMOND, VA 23230	DTF	100% <i>265,970</i>
08/08/11	11-1354	FEDERAL HOME LOAN MORTGAGE COR RECORDED TIME: 14:19 DESCRIPTION 1: BATTLETOWN DIST DATE OF DEED : 07/27/11 BOOK: 536 NUMBER PAGES : 0	Y DANIEL M HANNAS 1184 PARKER LANE	N 224,000.00 BLUEMONT VA 20135	DBS	100% <i>377,900</i> <i>F</i>

COUNTY OF CLARKE CIRCUIT COURT
MONTH END DEEDS OF PARTITION AND CONVEYANCE
LOCAL TAXATION DEPARTMENT
COUNTY
FOR AUGUST, 2011

RECORDED	INSTRUMENT	GRANTOR	(X) GRANTEE/ADDRESS	(X) CONSIDERATION	TYPE	PERCENT
08/09/11	11-1365	PAUL A & BARBARA L HINSON	N DAVID LYNN & MARICICA JONES 21990 BLUE RIDGE MTN RD CHAPEL DIST	N 23,500.00	DBS	100%
		RECORDED TIME: 01:50		PARIS VA 20130		
		DESCRIPTION 1: LOT 34, PARIS HGTS, SECT A	1.875 ACRES	WR/S		
		DATE OF DEED : 08/08/11	BOOK: 536 PAGE: 861	PIN:		338,400
		NUMBER PAGES : 0	MAP: 40A-1-34			W/imp
08/09/11	11-1367	PAUL E & KATHLEEN M RUFFO	N KEVIN & JENNIFER MCADAMS 417 LINDSAY COURT TOWN, BERRYVILLE	N 335,000.00	DBS	100%
		RECORDED TIME: 01:55		BERRYVILLE VA 22611		
		DESCRIPTION 1: LOT 203, HERMITAGE, PHASE IVA		PIN:		346,600
		DATE OF DEED : 07/26/11	BOOK: 536 PAGE: 882			W/imp
		NUMBER PAGES : 0	MAP: 14A8-4-203			
08/11/11	11-1374	MICHAEL C & KAREN P KING	N JPMORGAN 710 KANSAS LANE	N .00	DC	100%
		RECORDED TIME: 03:24		MONORE LA 71203		
		DESCRIPTION 1: BK 447, PG 41		PIN:		
		DATE OF DEED : 00/00/00	BOOK: 536 PAGE: 919			
		NUMBER PAGES : 0	MAP: 14A7-7-30			
08/12/11	11-1380	MONTY F & CATHERINE NOBLEZADA	N JOSEPH M & MCKENZIE S ROAN 512 PAGE ST TOWN OF BERRYVILLE	N 288,500.00	DBS	100%
		RECORDED TIME: 01:19		BERRYVILLE VA		
		DESCRIPTION 1: LOT 62, SECT 2, APPLE GLEN		WR/S		
		DATE OF DEED : 08/06/11	BOOK: 536 PAGE: 931	PIN:		335,900
		NUMBER PAGES : 0	MAP: 14A2-13-62			W/imp
08/12/11	11-1384	JAMES R NICHOLS	N GORDON & SUSAN DORSEY 164 BENCH LANE 27.3166 ACRES	N 875,300.00	DBS	100%
		RECORDED TIME: 02:25		BLUEMONT, VA 20135		
		DESCRIPTION 1: BATTLETOWN DISTRICT, LOT 2, THE BENCH		PIN:		875,300
		DATE OF DEED : 08/11/11	BOOK: 536 PAGE: 957			W/imp
		NUMBER PAGES : 0	MAP: 25-3-2			
08/12/11	3794	MARY ANN STEADMAN, DECD	N/A	.00	COPY	00%
		RECORDED TIME: 09:30	N/A			
		DESCRIPTION 1: COPY OF WILL FROM FREDERICK COUNTY VA		PIN:		
		DATE OF DEED : 08/12/11	BOOK: 89 PAGE: 583			
		NUMBER PAGES : 0	MAP: 26-1-8			
08/12/11	11-1377	MARIE W PARKER, ET ALS	N MARIE W PARKER 4028 MAPLE ST CHAPEL DIST	N .00	DQC	100%
		RECORDED TIME: 10:42		FAIRFAX VA 22030		
		DESCRIPTION 1: LOT 2A - 62.442 ACRES		PIN:		
		DATE OF DEED : 07/27/11	BOOK: 536 PAGE: 924			
		NUMBER PAGES : 0	MAP: 13-A-25E			
08/12/11	11-1378	KEVIN F LYMAN & JANIE E LYMAN'	N FEDERAL NATIONAL MORTGAGE ASSO Y P O BOX 650043 TOWN OF BERRYVILLE	469,453.11	DBS	100%
		RECORDED TIME: 10:45		DALLS TX 75265-0043		
		DESCRIPTION 1: LOT 142, HERMITAGE, PHASE IIIA		PIN:		415,400
		DATE OF DEED : 07/27/11	BOOK: 536 PAGE: 926			W/imp
		NUMBER PAGES : 0	MAP: 14A8-3-142			

COUNTY OF CLARKE CIRCUIT COURT
MONTH END DEEDS OF PARTITION AND CONVEYANCE
LOCAL TAXATION DEPARTMENT
COUNTY
FOR AUGUST, 2011

RECORDED	INSTRUMENT	GRANTOR	(X) GRANTEE/ADDRESS	(X) CONSIDERATION	TYPE	PERCENT
08/15/11	11-1391	ROBERT E & KAREN L BOATNER JR	N US BANK NATIONAL ASSOC 3476 STATEVIEW BLVD	N 332,700.00	DTF	100%
		RECORDED TIME: 01:18				
		DESCRIPTION 1: TOWN OF BERRYVILLE LOT 9 SOVEREIGN GLEN				
		DATE OF DEED : 00/00/00	BOOK: 536 PAGE: 999 MAP: 14A919			
		NUMBER PAGES : 0				
08/16/11	11-1407	CARTUS FINANCIAL CORP	N TODD POST & BARBARA J POST 4077 S FOUR MILE RUN DR # 294	N 535,000.00	DBS	100%
		RECORDED TIME: 11:30				
		DESCRIPTION 1: LOT 5, 16.5641 ACRES	BATTLETOWN DIST			
		DATE OF DEED : 08/26/11	BOOK: 537 PAGE: 31 MAP: 38-7-5			
		NUMBER PAGES : 0				
08/17/11	11-1413	MARIE W PARKER	N JEANNE P BRUNS & PAMELA BP BUR 4028 MAPLE STREET	N .00	DG	100%
		RECORDED TIME: 11:10				
		DESCRIPTION 1: CHAPLE DISTRICT, LOT 2-A				
		DATE OF DEED : 08/15/11	BOOK: 537 PAGE: 61 MAP: 13-A-25E			
		NUMBER PAGES : 0				
08/18/11	11-1421	DONALD L BOWERS	N DONALD E WALKER 14431 CREEK LN	N 4,000.00	DBS	100%
		RECORDED TIME: 01:35				
		DESCRIPTION 1: LOT 6, BLOCK 6, UNIT 1 - BATTLETOWN DIST				
		DATE OF DEED : 08/17/11	BOOK: 537 PAGE: 102 MAP: 17A2-16-6			
		NUMBER PAGES : 0				
08/18/11	11-1422	ETS OF VA (SAUL HERNANDEZ & ON	N GMAC MOETGAGE LLC 1100VIRGINIA DRIVE	N 395,500.00	DTF	100%
		RECORDED TIME: 02:50				
		DESCRIPTION 1: TOWN OF BERRYVILLE, LOT 67,SECTION 2 APPLE GL EN				
		DATE OF DEED : 08/03/11	BOOK: 537 PAGE: 104 MAP: 14-A2-13-67			
		NUMBER PAGES : 0				
08/19/11	11-1439	DOROTHY C BREEDEN	N KIMBERLY M TUTTLE 263 POSSUM HOLLOW LANE	N 184,500.00	DBS	100%
		RECORDED TIME: 03:12				
		DESCRIPTION 1: BATTLETOWN DISTRICT, LOT 6				
		DATE OF DEED : 08/19/11	BOOK: 537 PAGE: 221 MAP: 14E-3-6-3			
		NUMBER PAGES : 0				
08/19/11	11-1424	WILLIAM & REBECCA A CLARK	Y WILLIAM A ROARK AND REBECCA RO 495 GORHAM LN	Y .00	DBS	100%
		RECORDED TIME: 09:10				
		DESCRIPTION 1: LOT 510, SECT 5, CAREFREE ACRES	GREENWAY DIST			
		DATE OF DEED : 08/12/11	BOOK: 537 PAGE: 129 MAP: 38-3-510			
		NUMBER PAGES : 0				
08/19/11	11-1432	MICHAEL P UNDERWOOD, SR	N MURPHY L BARNES 117 SELTENHORST LANE	N 69,000.00	DBS	100%
		RECORDED TIME: 10:32				
		DESCRIPTION 1: BATTLETOWN DISTRICT, SHEN RET, LOT 3				
		DATE OF DEED : 08/19/11	BOOK: 537 PAGE: 164 MAP: 25A-1-3			
		NUMBER PAGES : 0				

Handwritten notes and corrections in the right margin of the table, including:

- 332,700.00
- 322,000
- 355,000
- 5,500
- 4,000.00
- 270,000
- 395,500.00
- 184,500.00
- 150,000
- 20/11/11

COUNTY OF CLARKE CIRCUIT COURT
 MONTH END DEEDS OF PARTITION AND CONVEYANCE
 LOCAL TAXATION DEPARTMENT
 COUNTY
 FOR AUGUST, 2011

RECORDED	INSTRUMENT	GRANTOR	(X) GRANTEE/ADDRESS	(X) CONSIDERATION	TYPE	PERCENT
08/19/11	3795	JAMES A RACER, DECEASED	N/A N/A	.00	PROBATE	00%
		RECORDED TIME: 10:45				
		DESCRIPTION 1: LOT D-3 ON RT 641 - HOWELL LOTS	LONGMARSH DIST		WR/S	
		DATE OF DEED : 08/19/11 BOOK: 89 PAGE: 594 MAP: 9-9-D-3			PIN:	
		NUMBER PAGES : 0				
08/22/11	11-1446	BANK OF NEW YORK MELLON	N ANN TUCKER KELLER 412 BLOSSOM DR	N 309,900.00	DBS	100%
		RECORDED TIME: 02:49			BERRYVILLE VA 22611	
		DESCRIPTION 1: LOT 35 SECTION 1, APPLE GLEN BATTLETOWN DIST				
		DATE OF DEED : 08/10/11 BOOK: 537 PAGE: 247 MAP: 14A21335			PIN:	
		NUMBER PAGES : 0				
08/23/11	11-1553	DAVID R & ROY L BROY, TR OF MAR	N ROY LEE BROY 8 CIRCLE DR	N 90,000.00	DBS	100%
		RECORDED TIME: 09:50			BERRYVILLE VA	
		DESCRIPTION 1: 3/4 INTEREST - LOT 26, ROCKCROFT SUBD.,	SECT B - TOWN OF BERRYVILLE			
		DATE OF DEED : 08/18/11 BOOK: 537 PAGE: 256 MAP: 14A2-2-26			PIN:	
		NUMBER PAGES : 0				
08/24/11	11-1463	Laurie L Volk, Trustee (Volk T N Kenneth & Marianne Johnson	N 13242 PLEASANT GLEN COURT	N 494,123.10	DBS	100%
		RECORDED TIME: 03:12			OAK HILL, VA 20171	
		DESCRIPTION 1: LONGMARSH DISTRICT, 80.3191 ACRES				
		DATE OF DEED : 08/24/11 BOOK: 537 PAGE: 318 MAP: 8-A-55 & 55A			PIN:	
		NUMBER PAGES : 0				
08/24/11	3796	HAROLD LLOYD MALLORY, DECD	N/A N/A	.00	PROBATE	00%
		RECORDED TIME: 14:07				
		DESCRIPTION 1: 1.5 ACRES ON RT 615 - BATTLETOWN DIST	D/B 52 PG 85		WR/S	
		DATE OF DEED : 08/24/11 BOOK: 89 PAGE: 603 MAP: 14-A-89			PIN:	
		NUMBER PAGES : 0				
08/24/11	3797	PHILIP KEITH ADAMS, DECD	N/A N/A	.00	QUAL	00%
		RECORDED TIME: 15:38				
		DESCRIPTION 1: 8.01 ACRES - ROTENBERRY & RINKER SUBD	BATTLETOWN DIST		D/B 261 PG 108	WR/S
		DATE OF DEED : 08/24/11 BOOK: 89 PAGE: 611 MAP: 16-A-21-B			PIN:	
		NUMBER PAGES : 14				
08/25/11	11-1464	SAMUEL I WHITE P.C. TE (JUSTIN N BB&T BANK	N 5040 CORP. WOODS DR STE 120	N 350,000.00	DTF	100%
		RECORDED TIME: 19:50			VIRGINIA BEACH, VA 23462	
		DESCRIPTION 1: GREENWAY DISTRICT, 14.8092 ACRES				
		DATE OF DEED : 00/00/00 BOOK: 537 PAGE: 320 MAP: 39-A-21			PIN:	
		NUMBER PAGES : 0				
08/26/11	11-1474	HSBC BANK USA NATIONAL ASSN TR N SCOTT W & APRIL L HOLMES	N 8 LITTON COURT	N 243,000.00	DBS	100%
		RECORDED TIME: 11:22			BERRYVILLE VA	
		DESCRIPTION 1: LOT 10, SOVEREIGN GLEN - TOWN, BERRYVILLE				
		DATE OF DEED : 07/15/11 BOOK: 537 PAGE: 366 MAP: 14A9-1-10			PIN:	
		NUMBER PAGES : 0				

COUNTY OF CLARKE CIRCUIT COURT
MONTH END DEEDS OF PARTITION AND CONVEYANCE
LOCAL TAXATION DEPARTMENT
COUNTY
FOR AUGUST, 2011

RECORDED	INSTRUMENT	GRANTOR	(X) GRANTEE/ADDRESS	(X) CONSIDERATION	TYPE	PERCENT
08/26/11	11-1476	JIM NICHOLS CONSTRUCTION COMPA	N MARK E FORDENBACHER 5714 11TH ST N., APT 8 TOWN OF BERRYVILLE	N 67,500.00	DBS	100%
		RECORDED TIME: 11:40		ARLINGTON VA 22205		
		DESCRIPTION 1: LOT 7, UPTON PLACE SUBD				
		DATE OF DEED: 08/24/11	BOOK: 537 PAGE: 387 MAP: 14A5-6-7	PIN:		
		NUMBER PAGES: 0				
08/29/11	11-1492	MCARTOR LIMITED PARTNERSHIP	N CHRISTOPHER & LIRA COPELAND 400 CAREFREE LANE GREENWAY DISTRICT	N 390,000.00	DBS	100%
		RECORDED TIME: 02:15		BOYCE VA 22620		
		DESCRIPTION 1: LOT 505, SECT 5, CAREFREE ACRES		WR/S		
		DATE OF DEED: 08/26/11	BOOK: 537 PAGE: 439 MAP: 38-3-505A	PIN:		
		NUMBER PAGES: 0				
08/30/11	11-1503	GENE D & CHARLOTTE B STANTON	N KELLI P SCARROW 216 LEWISVILLE ROAD	N 367,900.00	DBS	100%
		RECORDED TIME: 12:10		BERRYVILLE, VA 22611		
		DESCRIPTION 1: LONGMARSH DISTRICT, 5.096 ACRES				
		DATE OF DEED: 08/30/11	BOOK: 537 PAGE: 516 MAP: 9-A-40	PIN:		
		NUMBER PAGES: 0				
08/31/11	11-1513	FEDERAL HOME LOAN MORTGAGE	Y CATHERINE A COGSWELL 205 RICE STREET	N 120,000.00	DBS	100%
		RECORDED TIME: 02:00		BERRYVILLE, VA 22611		
		DESCRIPTION 1: TOWN OF BERRYVILLE, LOT 15, SECTION E				
		DATE OF DEED: 00/00/00	BOOK: 537 PAGE: 585 MAP: 14-A2-17-E-15	PIN:		
		NUMBER PAGES: 0				
08/31/11	11-1508	JERRY & MARY AYRES	N JAMES & MAYLYNN STUNKLE 674 BROWNTOWN ROAD	N 440,000.00	DBS	100%
		RECORDED TIME: 10:03		BOYCE, VA 22620		
		DESCRIPTION 1: CHAPEL DISTRICT, 2.5015 ACRES				
		DATE OF DEED: 08/29/11	BOOK: 537 PAGE: 568 MAP: 22-3-10	PIN:		
		NUMBER PAGES: 0				

***** COUNTY DEEDS OF CORRECTION *****

08/01/11	11-1317	ERIK W & MARY E LECIS	N NECTARPROJECTS INC N/A	N .00	COR	100%
		RECORDED TIME: 02:40				
		DESCRIPTION 1: BK 535, PG 372				
		DATE OF DEED: 00/00/00	BOOK: 536 PAGE: 650 MAP: 25B-3-2	PIN:		
		NUMBER PAGES: 0				
08/12/11	11-1383	GEORGE EMBREY & SHEILA E EMBRE	N SEAN MURPHY N/A	N .00	COR	100%
		RECORDED TIME: 02:00				
		DESCRIPTION 1: RERECORDED, TOWN OF BERRYVILLE				
		DATE OF DEED: 00/00/00	BOOK: 536 PAGE: 955 MAP: 14A2-A-156	PIN:		
		NUMBER PAGES: 0				
08/16/11	11-1411	B PAUL LOVELESS	N B PAUL LOVELESS N/A	N .00	COR	100%
		RECORDED TIME: 02:55				
		DESCRIPTION 1: LONGMARSH DIST				
		DATE OF DEED: 00/00/00	BOOK: 537 PAGE: 48 MAP: 7-A-26	PIN:		
		NUMBER PAGES: 0				

COUNTY OF CLARKE CIRCUIT COURT
MONTH END DEEDS OF PARTITION AND CONVEYANCE
LOCAL TAXATION DEPARTMENT
COUNTY
FOR AUGUST, 2011

RECORDED	INSTRUMENT	GRANTOR	(X) GRANTEE/ADDRESS	(X) CONSIDERATION	TYPE	PERCENT
08/19/11	11-1429	GEORGE R & SHEILA E EMBREY	N SEAN MURPHY 319 FIRST STREET	N .00	COR	100%
		RECORDED TIME: 09:45		BERRYVILLE VA 22611		
		DESCRIPTION 1: TOWN OF BERRYVILLE				
		DATE OF DEED : 03/29/10	BOOK: 537	PAGE: 156	MAP: 14A2-A-156	PIN:
		NUMBER PAGES : 0				

TOTAL COUNTY DEEDS OF PARTITION AND CONVEYANCE: 33
TOTAL NUMBER OF COUNTY DEEDS OF CORRECTION : 4
TOTAL NUMBER OF COUNTY WILL/FIDUCIARY : 4

**Monthly Activity Report of
Jacob L. Grove
Extension Agent, Animal Science
August 1-31, 2011**

Farm Visits

- Frederick County Farm - Tagged pigs for state swine show
- Shenandoah County Farm - Tagged pigs for state swine show
- Clarke County Farm - Pasture, hayfield, and crop rotation planning
- Clarke County Farm - Estimating yield of a corn crop
- Frederick County Farm - Tagged pigs for state swine show; evaluated show steer prospects

Events & Programs

- Warren County Fair
 - Arranged to borrow scales for smaller livestock; delivered them to the fairgrounds
 - Assisted with the sheep, goat, and swine weigh-ins
 - Assisted with the Goat Show
 - Arranged to have all of the swine ultra sounded for carcass data; assisted with the ultra sound
 - Assisted with the Swine Show
 - Helped resolve issues with the Beef Show and secured a new judge for a rescheduled Beef Show
 - Assisted with the rescheduled Beef Show
 - Arranged to have all Sheep, Goats, and Beef animals scanned for carcass data; assisted with the scanning; processed data for the Carcass Contests
 - Assisted with the Sheep Show
- Clarke County Fair
 - Picked up sawdust from Stafford and Loudoun Stairs for the barns (this year we moved to bedding down pigs to cut down on smell)
 - Assisted with Pen Assignments for the Beef Barn
 - Assisted with Sheep and Goat Barn Set-up
 - Assisted with Swine Barn pen assignments
 - Held the Livestock Exhibitors' informational meeting
 - Helped run the Weigh-in for all the livestock animals
 - Assisted with all the Livestock Shows
 - Served as the announcer for the Sheep and Beef Shows as well as the Livestock Sale
 - Assisted with the Livestock Sale
 - Arranged for and assisted with collecting ultrasound data for the sheep, goat, and Beef (this year we scanned 153 sheep, goats, and cattle at the fair)
 - Calculated points for many fair award categories
 - Assisted with the 4-H and FFA awards ceremony
 - Went to Farmers Livestock Exchange in Winchester to ensure that all fair animals being resold where processed correctly
- Attended "Lands of Tomorrow Workshop" in Warrenton, VA. This was a program designed to get different government agencies to work together more to offer better land management advice and services.
- Attended a training field day with several Clarke County Farmers at the Steele's Tavern AREC
- Attended a planning meeting for the Blue Ridge Cattleman's Association

Contacts

82 Phone Contacts

Pest Management – 4
Forage & Feeds – 22
Livestock Management & Marketing - 8

Pasture & Crop Management - 6
4-H & Fair Issues – 42

302 Personal Contacts

Livestock Management – 52

4-H & Fair events - 250

40 Emails & Letters

Livestock Production – 12
Ponds & Water Quality - 4

4-H Programs - 22
Livestock Marketing - 2

Monthly Activity Report
Marsha Wright,
Frederick County Unit Administrative Assistant
August 1-31, 2011

Assisted/Served Clarke County Clientele during transition of office staff:

4-H

E-Mails/Mail:

- Sent Buyer's brochure to parent
- Sent Buyers address list to parent
- Sent Buyers address list to organizational leaders (22)
- Sent request for help with the Poultry and Rabbit Barn clean up and set up (119)
- Suggested, to horse leader, how to get the Fair's 4-H horse Show publicized with other counties next year
- Forwarded Shooting Education events to leaders (3)
- Gave leader address and phone number to another leader
- Provided leader with the email for a possible new member
- Forwarded email to Jake requesting information on the rabbits that sold at the Fair
- Typed Fair buyers list; emailed to Sale Chair for final review
- Forwarded information on the Fall Leaders' Conference to leaders with emails (57)
- Forwarded email to horse organizational leaders about a missing horse (5)
- Answered question about how to get on the Fair's pre-registration list
- Prepared state Purchase Order to reimburse a teen counselor's fees; mailed to Virginia Tech

AGRICULTURE

Phone:

- Let Master Gardener know the copies of publications that I made for her and her laminated posters were ready for pickup

Mail/Email:

- Sent Plant Disease Report to homeowner
- Emailed Roberts Report (22)

FAIR

Phone:

- Dates for Ride-All-Night
- Multiple calls with Fair president's wife to clarify scramble eligibility and to explain which printouts I had given her were for fair pass distribution and which was for Scramble Pig Contest eligibility (4)

Miscellaneous:

- Made copies of the Fair Homemaking Department Registration Program on DVDs and took to one of the workers to put on her computer as the workers were having trouble with the program on the old computer.
- Formatted information sent for the Beef, Sheep, Swine, and Goat Market and Breeding Shows. Printed Show programs.
- Took the market show results and created the sales program by sorting the data into the correct order. Printed copies of the sales program, collated, and bounded them.
- Copied the Dairy Show program for leader.
- Worked in the Clarke County Office the week of Fair.

Contacts

6 Phone Contacts:

Agriculture	1
Fair	5

1 Personal Contacts:

Fair	1
------	---

236 Email Contacts:

4-H	214
Agriculture	22

2 Letters Sent:

4-H	1
Agriculture	1

Clarke

lwalburn@clarkecounty.gov

± Font Size -

August Report- Passanger Count Clark Co.

From : Jill Matheson <jill@vatransit.org>
Subject : August Report- Passanger Count Clark Co.
To : dash@clarkecounty.gov, lwalburn@clarkecounty.gov
Cc : Leon Alder <leon@vatransit.org>

Tue, Sep 06, 2011 10:27 AM

MONTHLY PASSENGERS

August-11

Location	Region	Route	TOTAL
CLRK	NW	Demand Response Clark County	115

Jill Matheson
 Operations Administrative Assistant
 Virginia Regional Transit
 Office : (540) 338-1610
 Fax : (703) 777-9370

BID TABULATION SHEET FOR IFB #11-0927 SENIOR CENTER AND PARK OFFICE ADDITIONS

Vendor Name	Meridian	Minghini's	Hammerhead	Caldwell and Santmyer	Shockey	H&W	W.H. Miller	Lantz Construction
Vendor Location	Rockville, MD	Martinsburg, WV	Dulles, VA	Berryville, VA	Winchester, VA	Winchester, VA	Martinsburg, WV	Broadway, VA
Cover of Bid Envelope:Name, Address, Contractor Number	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Signature of Bid	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bid Bond	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Acknowledge Addendum #1	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Acknowledge Addendum #2	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Acknowledge Addendum #3	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lump Sum Base Bid	\$ 1,620,000.00	\$ 1,329,000.00	\$ 1,390,000.00	\$ 1,347,000.00	\$ 1,491,000.00	\$ 1,406,344.00	\$ 1,400,000.00	\$ 1,415,000.00
Number of Calendar Days to Complete	300	270	300	270	240	210	300	Not submitted
Alternate #1: Deduct for the existing building brick and foundation repairs	\$ (35,000.00)	\$ (14,600.00)	\$ (15,000.00)	\$ (20,000.00)	\$ (27,000.00)	\$ (19,550.00)	\$ (25,300.00)	\$ (17,500.00)
Alternate #2: Deduct for the replacement of two HVAC units serving the existing gym	\$ (61,000.00)	\$ (64,500.00)	\$ (56,000.00)	\$ (65,000.00)	\$ (65,000.00)	\$ (64,000.00)	\$ (65,000.00)	\$ (65,000.00)
Alternate #3: Deduct for the replacement of the existing membrane roofing/flashings	\$ (57,000.00)	\$ (62,400.00)	\$ (51,000.00)	\$ (62,000.00)	\$ (57,000.00)	\$ (56,969.00)	\$ (57,000.00)	\$ (55,000.00)
Alternate #4: Deduct for the removal of the proposed west parking lot/rain garden	\$ (34,000.00)	\$ (30,000.00)	\$ (21,000.00)	\$ (32,000.00)	\$ (29,000.00)	\$ (29,500.00)	\$ (45,500.00)	\$ (22,000.00)
Alternate #5: Deduct for selected kitchen equipment	\$ (49,000.00)	\$ (44,500.00)	\$ (35,000.00)	\$ (43,000.00)	\$ (42,000.00)	\$ (42,228.00)	\$ (42,500.00)	\$ (36,000.00)
Alternate #6: Deduct for future walk-in freezer/cooler	\$ (18,000.00)	\$ (19,600.00)	\$ (14,000.00)	\$ (19,000.00)	\$ (17,000.00)	\$ (16,052.00)	\$ (18,000.00)	\$ (14,000.00)
Alternate #7: Deduct for kitchen casework	\$ (13,000.00)	\$ (8,600.00)	\$ (3,500.00)	\$ (9,000.00)	\$ (8,000.00)	\$ (6,945.00)	\$ (8,200.00)	\$ (11,000.00)
Alternate #8: Deduct for proposed generator and concrete slab	\$ (40,000.00)	\$ (58,000.00)	\$ (48,000.00)	\$ (54,000.00)	\$ (53,000.00)	\$ (53,000.00)	\$ (54,500.00)	\$ (54,000.00)
Alternate #9: Low pressure LP Gas in lieu of the designed 2 PSI natural gas piping	\$ -	\$ 970.00	\$ 5,600.00	\$ 600.00	\$ 600.00	\$ 1,582.00	\$ 9,500.00	\$ 600.00
Unit Price #1: Soil (per unit)	\$ 50.00	\$ 44.00	\$ 22.00	\$ 50.00	\$ 44.00	\$ 65.00	\$ 60.00	\$ 26.00
Unit Price #2: Rock Excavation (per unit)	\$ 125.00	\$ 123.00	\$ 75.00	\$ 200.00	\$ 120.00	\$ 75.00	\$ 160.00	\$ 105.00
Unit Price #3: Trench Rock (per unit)	\$ 175.00	\$ 180.00	\$ 125.00	\$ 250.00	\$ 175.00	\$ 125.00	\$ 240.00	\$ 105.00
Unit Price #4: Existing Damaged Roof Insulation Replacement with new matching insulation board (per unit)	\$ 3.00	\$ 112.00	\$ 85.00	\$ 3.00	\$ 3.74	\$ 2.35	\$ 5.00	\$ 2.50

Opened by: Mike Legge

Witnessed by: Pat Wiley

Clarke

lwalburn@clarkecounty.gov

± Font Size ±

CCHS Construction

From : Robina <robina5@verizon.net>

Fri, Sep 23, 2011 03:35 PM

Subject : CCHS Construction

 1 attachment

To : 'A.R. (Pete) Dunning Jr.' <petedunning@mris.com>, Barbara Byrd <bjb1971@verizon.net>, 'David Ash' <dash@clarkecounty.gov>, 'David Weiss' <amweiss@visuallink.com>, J. Michael Hobert <lawyers@visuallink.com>, 'John Staelin' <jstaelin@earthlink.net>, 'Lora Walburn' <lwalburn@clarkecounty.gov>, 'Michael Hobert' <lawyers2@verizon.net>

Cc : Tom Judge <tjudge@clarkecounty.gov>, Edwin Carter <Edwin.Carter@vdot.virginia.gov>

All –

I regret that I will be unable to be at your Tuesday BOS meeting to report on construction. I am therefore sending you this short report on progress.

The construction is proceeding on schedule. If you are interested, I am attaching the latest Shockey 5-page construction schedule.

There are currently **24 sub-contractors**, in addition to Shockey themselves, on-site and working on both the building and the site itself.

The only small delay is due to the greenhouse supplier, Jaderloon, who have advised that they will be late delivering the greenhouse structure. The foundation for that structure is complete. This delay does not impact any of the work being done on the building.

The wet weather has slowed down the site work somewhat, nothing major to-date.

The storm water work on Main Street will take longer than originally anticipated, due to incorrect information having been given concerning the depths of the existing utilities. Urban (Jon Erickson) is working on a re-design between the sewer and water lines, and the gas line will also have to be raised, to provide space for the new storm water pipe to be attached to the existing line at Hermitage.

Budget-wise, there have been a very small number of minor change orders, and even with the addition of the greenhouse, the project remains within budget and with a good contingency available. That can of course change, however after a 3-hour walk-thru on Tuesday September 20th, our architect Crabtree's engineer found very little in the way of corrections needed. Our commissioning agents from Gannett-Fleming are also monitoring the installation of the HVAC and other equipment, for their subsequent commissioning tests and balancing once fully installed.

We have just received confirmation from VDOT that they have incorporated trees into the project: there will be 30 street trees lining the new Mosby – 15 on each side, and there will be 16 'screening' trees located in front of the aluminum tank, to camouflage it to the extent possible. The trees are a 'swap' for the additional review costs for the SB to review the second set of deeds of easement and plats. A good swap, I think. VDOT are also going to place some decorative shrubs in the round-about itself. They should be thanked for their rapid response to our tree request.

The Masonic cornerstone for the building is going to be laid on Saturday, November 19th and there will be a ceremony to which you will all be invited in due course.

The substantial completion date continues to be January 23d, 2012 with the final completion date March 20th, 2012. The building will then be handed over to the schools, who will commence the installation of the F, F&E.

If you have any questions, please let me know before your meeting Tuesday.

RRB



HSS - CCHS Schedule Update 9 8 11 (2).pdf
141 KB

Clarke County High School Schedule UPD 9.8.11

Activity ID	Area	Activity % Complete	Activity Name	BL Project Duration	BL Project Start	Start	Actual Start	Remaining Duration	BL Project Finish	Finish	Actual Finish	2011							2012																				
												15	22	29	05	12	19	26	03	10	17	24	31	07	14	21	28	05	12	19	26	02	09	16	23	30	06	13	20
Total				360	22-Oct-10	26-Jul-10 A	26-Jul-10	138	23-Mar-12	23-Mar-12		23-M																											
Clarke County High School Schedule UPD 9.8.11				360	22-Oct-10	26-Jul-10 A	26-Jul-10	138	23-Mar-12	23-Mar-12		23-M																											
Preconstruction				0				0																															
Procurement				0				0																															
Milestones				218	13-May-11	11-Sep-11		136	23-Mar-12	23-Mar-12		23-M																											
A1050	MS	0%	Structure Complete	0				0	13-May-11	11-Sep-11																													
A1060	MS	0%	Building Dry-In	0				0	28-May-11	27-Sep-11																													
A1110	MS	0%	HVAC Sytems Start-Up	0	06-Aug-11	08-Oct-11		0																															
A1070	MS	0%	Occupancy Permit	0				0	23-Jan-12	13-Jan-12																													
A1080	MS	0%	Substantial Completion	0				0	23-Jan-12	23-Jan-12																													
A1090	MS	0%	Final Completion	0				0	23-Mar-12	23-Mar-12																													
Sitework				260	22-Oct-10	26-Jul-10 A	26-Jul-10	48	31-Oct-11	14-Nov-11		14-Nov-11, Sitework																											
A1420	SW	10%	Mass Excavation	20	22-Oct-10	26-Jul-10 A	26-Jul-10	18	10-Nov-10	25-Sep-11																													
A1400	SW	50%	Site Lighting	20	21-Dec-10	01-Nov-10 A	01-Nov-10	10	09-Jan-11	05-Oct-11																													
A1300	SW	0%	Topsoil & Seeding	20	16-Apr-11	26-Sep-11*		20	05-May-11	15-Oct-11																													
A1380	SW	0%	Paving - Final Coat	5	12-Oct-11	16-Oct-11*		5	16-Oct-11	20-Oct-11																													
A1450	SW	0%	Landscaping	15	15-Sep-11	16-Oct-11*		15	29-Sep-11	30-Oct-11																													
A1390	SW	0%	Site Punch List	15	17-Oct-11	31-Oct-11		15	31-Oct-11	14-Nov-11																													
Greenhouse				0		15-Sep-11		37	03-Oct-11	04-Nov-11		04-Nov-11, Greenhouse																											
Greenhouse Sitework				0		15-Sep-11		32	03-Oct-11	30-Oct-11		30-Oct-11, Greenhouse Sitework																											
A5420		0%	8" Well Conversion	0		15-Sep-11*		2		16-Sep-11																													
A5430		0%	Well Pump Installation	0		17-Sep-11		1		17-Sep-11																													
A5440		0%	Well Water Line Trenching	0		18-Sep-11		4		21-Sep-11																													
A5450		0%	Well Water Line Trench Inspection & Backfill	0		22-Sep-11		1		22-Sep-11																													
A5470		0%	Fencing	0		24-Oct-11		3		26-Oct-11																													
A5480		0%	Stone Storage Area (Greenhouse Perimeter)	0		27-Oct-11		1		27-Oct-11																													
A5460		0%	Concrete Sidewalk	0		28-Oct-11		1		28-Oct-11																													
A5490		0%	Landscaping	0		29-Oct-11		2		30-Oct-11																													
Greenhouse Structure				0		03-Oct-11		25		03-Oct-11		04-Nov-11, Greenhouse Structure																											
A5550		0%	Erect Greenhouse Structure	0		03-Oct-11*		21		23-Oct-11																													
A5590		0%	Install Well Pump Pressure Tank and Pump Controls	0		24-Oct-11		1		24-Oct-11																													
A5560		0%	Install Heating and Cooling Equipment	0		24-Oct-11		7		30-Oct-11																													
A5580		0%	Plumbing and Gas Above Slab Install (Includes Fixt...	0		31-Oct-11		4		03-Nov-11																													
A5620		0%	Electrical Above Slab Hook-Up (Includes Fixtures)	0		31-Oct-11		4		03-Nov-11																													
A5600		0%	Install Rain Harvesting Barrells	0		04-Nov-11		1		04-Nov-11																													
Building				252	15-Dec-10	29-Apr-11 A	29-Apr-11	79	12-Dec-11	31-Dec-11		31-Dec-11, Building																											
Area A				167	12-Feb-11	01-Jun-11 A	01-Jun-11	59	09-Oct-11	01-Dec-11		01-Dec-11, Area A																											
Exterior/Structural				36	17-Mar-11	11-Jul-11 A	11-Jul-11	4	05-May-11	13-Sep-11		13-Sep-11, Exterior/Structural																											
A1700	A	95%	Storefront/Curtain Wall/Windows	20	17-Mar-11	11-Jul-11 A	11-Jul-11	1	05-Apr-11	08-Sep-11																													
A1690	A	50%	Roof Coping	10	26-Apr-11	15-Aug-11 A	15-Aug-11	5	05-May-11	12-Sep-11																													
A1710	A	0%	Glazing	5	06-Apr-11	30-Aug-11 A	30-Aug-11	5	10-Apr-11	13-Sep-11																													
Interior				167	12-Feb-11	01-Jun-11 A	01-Jun-11	59	09-Oct-11	01-Dec-11		01-Dec-11, Interior																											
1st Floor				165	12-Feb-11	15-Aug-11 A	15-Aug-11	59	05-Oct-11	01-Dec-11		01-Dec-11, 1st Floor																											
A1990	A1	50%	Hang & Finish Drywall	14	07-Jun-11	15-Aug-11 A	15-Aug-11	7	20-Jun-11	24-Oct-11																													
A1800	A1	90%	Ceiling Grid	20	26-Apr-11	18-Aug-11 A	18-Aug-11	2	15-May-11	09-Sep-11																													
A2060	A1	80%	Insulate/Wrap Duct/Piping	20	12-Feb-11	22-Aug-11 A	22-Aug-11	4	03-Mar-11	11-Sep-11																													
A1810	A1	50%	Light Fixtures	20	13-May-11	29-Aug-11 A	29-Aug-11	10	01-Jun-11	17-Sep-11																													
A1820	A1	0%	Grilles & Diffusers	20	11-May-11	10-Sep-11		20	30-May-11	29-Sep-11																													
A1910	A1	0%	Flooring (VCT/Carpet)	18	31-Aug-11	12-Sep-11*		18	17-Sep-11	29-Sep-11																													
A2000	A1	0%	Elevator	10	26-Apr-11	15-Sep-11*		10	05-May-11	24-Sep-11																													
A2100	A1	0%	Terrazzo	0		15-Sep-11		17		01-Oct-11																													
A1900	A1	0%	Millwork/Casework	21	26-Aug-11	23-Sep-11*		21	15-Sep-11	13-Oct-11																													
A5100	A1	0%	Pull & Terminate Wire - Elec & Low Voltage	20	15-May-11	25-Sep-11		20	03-Jun-11	14-Oct-11																													
A2110	A1	0%	Resinous Flooring	0		02-Oct-11		3		04-Oct-11																													
A1920	A1	0%	Lockers	5	12-Jun-11	14-Oct-11		14	16-Jun-11	27-Oct-11																													
A1940	A1	0%	Specialties	14	10-Sep-11	14-Oct-11		14	23-Sep-11	27-Oct-11																													
A2270	A1	0%	Above Ceiling Inspections	3	04-Jun-11	15-Oct-11		3	06-Jun-11	17-Oct-11																													
A1970	A1	0%	Mechanical Trim	10	08-Jun-11	23-Oct-11		10	17-Jun-11	01-Nov-11																													
A1870	A1	0%	Ceiling Tile	8	16-Aug-11	25-Oct-11		8	23-Aug-11	01-Nov-11																													
A1930	A1	0%	Plumbing Fixtures	14	05-Sep-11	25-Oct-11		14	18-Sep-11	07-Nov-11																													
A1950	A1	0%	Electrical Trim	21	10-Jun-11	25-Oct-11		21	30-Jun-11	14-Nov-11																													
A1860	A1	0%	Doors/Hardware	14	03-Sep-11	28-Oct-11		14	16-Sep-11	10-Nov-11																													
A1850	A1	0%	Glazing	14	17-Sep-11	11-Nov-11		14	30-Sep-11	24-Nov-11																													
A1960	A1	0%	Fire Alarm Trim	10	01-Jul-11	15-Nov-11		10	10-Jul-11	24-Nov-11																													
A1890	A1	0%	Final Coat of Paint	7	06-Jul-11	20-Nov-11		7	12-Jul-11	26-Nov-11																													
A1980	A1	0%	Punch List	5	01-Oct-11	27-Nov-11		5	05-Oct-11	01-Dec-11																													

Primary Baseline
 Actual Work
 Remaining Work
 Critical Remaining Work
 Milestone
 Summary

- While federal funding is available, Supervisor Byrd opined that some farmers are opposed to accepting federal money and will need to be persuaded to make the necessary changes to comply with the new regulations.
- Supervisor Staelin said that many feel that the list of choices provided by the EPA to localities is not long enough and given the current rules; and current funding, the County was not going to be able to meet the regulation **goals**.
- Vice Chairman Weiss noted that agreeing to a flawed system from the beginning was a set up for failure.
- Chuck Johnston advised that Larry Johnston of Chester Engineering previously informed him that their analysis concluded that even if everything were done Chesapeake Bay standards would still be exceeded. In their analysis, they determined that the most significant source of pollution was stormwater run off from commercial and urban development.
- Following discussion, Chairman Hobert provided the following direction to Alison Teetor:
 - o Work individually with each Supervisor during the development phase.
 - o Determine how to address issues and develop an approach.
 - o Continue to coordinate with the planning district.
 - o Survey of other of rural counties was suggested.
- The Commission agreed to provide updates.

10. Board of Supervisors Personnel Committee

Expiration of Term for appointments expiring through October 2011

<i>Committee/Board</i>	<i>Appointee</i>	<i>Expiration Date</i>
Clarke County Planning Commission <i>John Turkel is appointed to the remainder of a four-year term, currently held by Robert Wade, effective 9/15/2011.</i>	John Turkel	4/30/2015
Economic Development Advisory Committee <i>John Milleson is appointed as an additional member for term ending 12/31/2014 thereafter being a four-year term.</i>	John Milleson	12/31/2014
Economic Development Advisory Committee <i>Ms. Dunkle's, Town of Berryville representative, term be adjusted from 8/31/2011 to 12/31/2011 in order to coincide with the expiration dates of all other members.</i>	Christie Dunkle	12/31/2011

AMENDED AND RESTATED
AGREEMENT REGARDING
THE PROPOSED CLARKE COUNTY ACTIVE LIVING CENTER

THIS AGREEMENT, dated the ____ day of September, 2011, by and between the County of Clarke, Virginia (“County”) and the Shenandoah Area Agency on Aging, Inc., a Virginia non-stock corporation (“SAAA”), provides as follows:

WHEREAS, the County and the SAAA desire to have an Active Living Center (“ALC”) constructed in Clarke County; and

WHEREAS, the SAAA has engaged in fund raising for the ALC and has collected and is holding contributed funds; and

WHEREAS, the County has also collected and is holding contributed funds for the ALC; and

WHEREAS, under the will of Ruby L. Urban there was devised to the SAAA real estate, with improvements thereon, located on Route 601 in Clarke County, Virginia, identified as Tax Parcel No. 40-1-2 (“Urban Property”), which was devised to the SAAA exclusively for the benefit and use of a senior center; and

WHEREAS, the SAAA has had the Urban Property leased, with the net rental income being held by the SAAA for the ALC; and

WHEREAS, the SAA holds all such contributed funds, the Urban Property, and the net rental income from the Urban Property as funds earmarked and held solely for the ALC and not as a part of its operating funds or general assets; and

WHEREAS, the Board of Supervisors of the County has determined that, with the collected contributions for the ALC and anticipated funds from a sale of the Urban Property, it intends to go forward with a bidding process for the construction of the ALC; and

WHEREAS, the ALC will be located in the County Park and will be constructed as a part of an ALC and Park Office project; and

WHEREAS, the County will be bidding the project and will be financially responsible for the cost of the construction of the ALC; and

WHEREAS, the SAAA has contracted with Main Street Architecture, PC, under which contract Main Street Architecture, PC has designed the ALC and Park Office project; and

WHEREAS, the County and the SAAA desire to enter into this Agreement to provide for all contributed funds for the ALC and all proceeds from the sale of the Urban Property to be available to the County to be used

toward the construction cost of the ALC, and to provide for the assignment to the County of SAAA's contract with the architect and the architectural plans prepared by the architect; and

WHEREAS, the County and the SAAA entered into an Agreement Regarding the Proposed Clarke County Active Living Center dated April 4, 2011, which the parties desire to amend and restate.

NOW, THEREFORE, in consideration of the mutual benefits herein set forth, the County and the SAAA agree as follows:

1. Upon execution of this Amended and Restated Agreement, the SAAA shall pay over to the County all contributed Clarke County ALC Capital Campaign funds it is holding at the time for the ALC property, which funds are not less than \$200,000.00.
2. The SAAA shall pay over to the County, upon collection by the SAAA, all contributed Clarke County ALC Capital Campaign funds it hereafter receives.
3. Clarke County ALC Capital Campaign pledges, when collected by the SAAA, the County, or the capital campaign committee, shall be paid over to the County.

4. Upon execution of this Amended and Restated Agreement, the SAAA shall convey the Urban Property to the County by deed prepared by the County.

5. The parties acknowledge that the SAAA has executed an Assignment of Contract with Main Street Architecture, P.C., by which the SAAA assigned to the County its rights and obligations under its contract with MSA and the architectural plans prepared.

6. The County agrees that all funds received from the SAAA under this Agreement, all funds now held by the County for the ALC or hereafter received by the County from third parties, and any funds received by the County from its sale of the Urban Property shall be used exclusively for the construction and equipping of the ALC, and that the County shall hold all such funds in a capital account not a part of the operating funds of the County.

7. The County agrees that its solicitation of bids and awarding of a contract for the ALC and Park Office project shall be structured so that the construction costs for the ALC and the construction costs for the Park Office may be separately allocated; provided, the County and the SAAA specifically agree that the cost of constructing a new parking area adjacent to the ALC shall be allocated as a part of the construction costs for the ALC.

8. The County and the SAAA acknowledge that they have entered into a Joint Use Agreement, effective upon the completion of the construction of the ALC and the issuance by the County of a Certificate of Occupancy.

9. In the event the County does not award a contract for the construction of the ALC within two (2) years of full execution of this Amended and Restated Agreement, the County will deed the Urban Property back to the SAAA, or if the Urban Property has been sold by the County, will pay over to the SAAA all net funds received from the sale, and will refund to the SAAA all funds paid over the County pursuant to paragraphs 1, 2, and 3 of this Amended and Restated Agreement, in which event the Urban Property, or the proceeds from the sale thereof, and the funds refunded to the SAAA, shall be used by the SAAA exclusively for the construction and equipping of an active living center for Clarke County.

10. The compliance by the SAAA with paragraphs 1, 2, 3, and 9 of this Amended and Restated Agreement fulfills the obligation of the SAAA toward the construction of the ALC.

[Signatures on following page]

COUNTY OF CLARKE, VIRGINIA

Date: _____

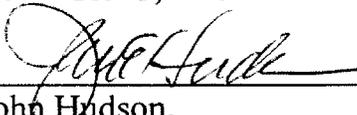
By: _____

Michael Hobert,
Chairman, Board of Supervisors

SHENANDOAH AREA AGENCY
ON AGING, INC.

Date: 9-23-11

By: _____


John Hudson,
Chairman, Board of Directors

DEED

Exempt from recordation taxes under §58.1-801 pursuant to
Section 58.1-811(A)(3)

THIS **DEED**, dated this ____ day of _____, 2011, by and between SHENANDOAH AREA AGENCY ON AGING, INC., a Virginia non-stock corporation, party of the first part, hereinafter called the Grantor, and the COUNTY OF CLARKE, VIRGINIA, party of the second part, hereinafter called the Grantee.

WITNESSETH: That for and in consideration of the sum of Ten Dollars (\$10.00), cash in hand paid, and other good and valuable consideration, the receipt of all of which is hereby acknowledged, the Grantor does hereby grant and convey with General Warranty and English Covenants of Title, in fee simple absolute, the following described real estate, to-wit:

All that certain lot or parcel of land, together with the improvements thereon and the appurtenances thereunto belonging, containing 5.3910 acres, situate, lying and being located on top of the Blue Ridge Mountain about three (3) miles northeast of Ashby Gap, in Chapel Magisterial District, County of Clarke, State of Virginia, and more particularly described as follows:

PARCEL 2: a portion of the property of James E. Russell and Michael G. Phillips, as shown on a plat of survey and Certificate of Confirmation of Lands of James E. Russell and Michael G. Phillips dated November 6, 1972, recorded in the Clerk's Office of the Circuit Court of Clarke County,

Virginia in Deed Book 97, at Page 356 et. seq. and more particularly described as follows:

“Beginning at a 36” monument on the north right of way of Virginia State Route 601 (being 30 feet wide) on the Division Line between Tract “A” and Tract “B” as recorded in Deed book 90, at Page 208 of the Clerk’s Office in Clarke County, Virginia; thence with the northerly right of way of Virginia State Route 601 S. 62 deg. 24’ 10” W. 257.76 feet to an iron pipe, the true point of beginning; thence with said right of way S 62 deg. 24’ 10” W. 74.44 feet to an iron pipe; thence S 76 deg. 09’ 55” W. 187.57 feet to an iron pipe, thence leaving said right of way N 29 deg. 01’ 48” W. 955.91 feet to an iron pipe; thence N 89 deg. 11’ 50” E. 289.91 feet to an iron pipe; thence S. 29deg. 01’ 48” E 869.82 feet to the beginning and containing 5.3910 acres, as per plat of survey by Louis J. Matacia dated June 9, 1972.

And being the same property conveyed to the Grantor herein by Deed dated August 28, 2008 and recorded in the aforesaid Clerk’s Office in Deed Book 501, at Page 512.

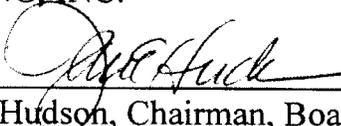
The Grantor does hereby covenant that it has the right to convey the subject property to the Grantee; that the Grantee shall have quiet and peaceable possession of the said property, free from all liens and encumbrances; and it will grant such further assurances of title as may be requisite.

As evidenced by its execution of this Deed, the County of Clarke accepts the conveyance of the above-described property to it, pursuant to the provisions of the will of Ruby L. Urban, recorded in the aforesaid Clerk’s Office in Deed Book 79 at Page 921, that the property, or the proceeds therefrom, shall be used exclusively for a Clarke County Senior Center (Active Living Center) in Clarke

County, Virginia.

WITNESS the following signatures and seals:

SHENANDOAH AREA AGENCY ON
AGING, INC.

BY:  (SEAL)
John Hudson, Chairman, Board of Directors

STATE OF VIRGINIA, At-Large
CITY/COUNTY OF Choke, To-wit:

The foregoing document was acknowledged before me this 23rd day of
September, 2011 by John Hudson, Chairman, Board of Directors, on behalf of
the SHENANDOAH AREA AGENCY ON AGING, INC.

My Commission expires: 11.30.2012.


NOTARY PUBLIC
Notary Registration No.: 7226068

11-30-12

Agreed as to form:

Robert T. Mitchell, Jr., County Attorney

COUNTY OF CLARKE, VIRGINIA

BY: _____(SEAL)
Michael Hobert, Chairman, Board of Supervisors

STATE OF VIRGINIA
CITY/COUNTY OF _____, To-wit:

The foregoing document was acknowledged before me this _____ day
of _____, by Michael Hobert, Chairman, Board of
Supervisors, on behalf of the COUNTY OF CLARKE, VIRGINIA.

My Commission expires _____.

Notary Public
Notary Registration No.: _____

The Teresa Team, LLC

The #2 ERA Team in the Country for 2003 and 2005
Direct Line: 540-664-2000

Sept. 22, 2011

Dear Clarke County Board of Supervisors,

I am a real estate agent and a member of the Shenandoah Area Agency on Aging's Board of Directors.

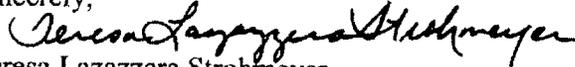
This letter is to confirm that I have *not* entered into an Exclusive Authorization to Sell listing agreement with Shenandoah Area Agency on Aging for the sale of 21225 Blue Ridge Mountain Road, Paris, VA (also known as the former Urban property). There is no agreement and SAAA is under no obligation whatsoever to me, The Teresa Team, LLC, or ERA OakCrest Realty, Inc. for the sale of the property.

I sent Helen Cockrell, then-SAAA's president and chief operating officer, an unsigned listing agreement dated June 20, 2011, but she never returned it to me with her signature. (It is my practice not to sign a listing agreement until it first has been signed by the seller.)

Then, at Helen's request, I sent her another unsigned listing agreement dated Aug. 23, 2011. Shortly thereafter, I also emailed then-Chairman John Graves and then-Vice Chairman John Hudson to inform them that, although an agreement had been sent at Helen's request, I would not sign it without specific instructions from one of them or the SAAA Board of Directors.

Graves agreed that I should not sign the agreement until the board had an opportunity to discuss it. So, when Helen returned the agreement with her signature on the morning of Aug. 29, 2011, I did not sign it. Then, as you know, she was placed on suspended leave at the SAAA board meeting on Aug. 29 and later was terminated from her job.

Sincerely,



Teresa Lazazzera Strohmeier

Associate Broker, ERA OakCrest Realty, Inc.

Teresa Lazazzera Strohmeier, Associate Broker
ERA OakCrest Realty Inc.
126 N. Kent Street, Winchester, VA 22601
Direct Line: 540-664-2000 Direct Fax: 540-450-1399
E-mail: teresa@mris.com www.theteresateam.com
Licensed in Virginia & West Virginia



2012 Legislative Priorities And Positions For Clarke County

DRAFT

Issue: Chesapeake Bay TMDL

- Clarke County believes there must be a way to have clean rivers, a clean Bay and a viable agricultural community. Clarke recognizes that the Commonwealth is still negotiating with EPA on this issue so it is difficult to make specific comments. However, Clarke wants to see a supportable plan with ~~“teeth”~~ **adequate funding and/or regulations** that will ultimately protect our rivers and the Bay at a reasonable cost to farmers, towns and citizens.
- Clarke County supports continued state funding of programs that will protect our groundwater, rivers and the Bay.

Issue: Eminent Domain

- **Clarke County supports property rights but feels the wording of the currently proposed Constitutional Amendment is too broad and vague.**

Issue: State Year-end Surplus Funds

- **Clarke County understands why the Commonwealth cut \$60 million in local support to localities during the Great Recession; we all had to share the burden as things got bad. However, Clarke feels localities were not treated fairly by the State as the economy improved as virtually none of our the State’s end-of-year surplus was used to restore lost aid to localities. As it stands now, the Commonwealth is forcing a “back door” tax increase on its citizens; a regressive tax increase based on property values, not income.**

Issue: Education

- Clarke County asks the Commonwealth to take steps to fully fund its share of the true cost of K-12 public education without reducing other parts of the budget affecting local government or shifting costs from the Commonwealth to localities.
- Clarke County supports a change to the Composite Index, which would cause it to reflect land use values. Additionally, the income figure used to calculate the Composite Index should be average median income, not total countywide income.
- ~~Clarke County supports legislation that would give Clarke County equal treatment with regard to “cost of competing” funds. At this time Clarke County gets 25% of the amount given to our neighbors to the east.~~

Issue: Groundwater Quality

- **Clarke County is adamantly opposed to HB 2185 which would effectively eliminate onsite review by the Health Department of soil work submitted by licensed onsite soil evaluator (OSE) or a**

professional engineer. This onsite review is necessary to insure adherence to local ordinance regulations.

- Clarke County supports legislation that would allow counties to exempt areas within their jurisdiction from installing alternative onsite sewage systems due to environmental conditions. Moreover, Clarke believes the inspectors (operators) of alternative systems (AOSS) should be required to both sample the effluent of their AOSS and submit a written report to the Health Department annually. In addition, each local Health Department should be required to make an annual random sample of 10% of the AOSS in their area.
- Clarke County is very concerned about the environmental hazards associated with natural gas drilling in Marcellus Shale. Clarke believes that localities should have some control over natural gas drilling. Moreover, Clarke County believes state regulations with regard to drilling in Marcellus Shale should be strengthened.

Issue: Cost Shifting

- Clarke County is opposed to the gradual shifting of costs that has taken place over the past several years, especially the large cost shifting that occurred in the FY 2011-12 biennium budget with the reduction in aid to localities. With each passing year the County has been required to incrementally subsidize a variety of traditionally state funded (or state shared) costs (Compensation Board, Registrar, Cooperative Extension, **Line of Duty**, Social Services and the court system). This cost shifting places a tremendous burden on a regressive real estate tax system. Cost shifting must stop and/or the tax system must be reformed to reduce the burden on the Real Estate tax.
- Clarke County calls on the Commonwealth to fully fund state mandated retirement and employment benefits, including VRS and Line of Duty costs.
- Clarke County opposes any reduction in aid to localities unless the tax system is reformed to reduce the burden on the Real Estate tax.

Issue: Tax Reform

- Clarke County supports tax reform as long as:
 - it ends up reducing Clarke's dependence on the real estate tax.
 - any change that reduces or eliminates an existing local funding source is offset by a new or expanded source.
 - it gives equal taxing authority to cities and counties.
 - it protects the Commonwealth's General Fund. The General Fund should be used for core government functions such as public education (K-12 and higher education), health and human services, public safety,

natural resources and environmental services. Transportation maintenance and improvements should be paid by user fees.

- Clarke County supports reform of the BPOL tax as long as it meets the above criterion.
- Clarke County opposes repeal of the Machinery and Tools tax.
- Clarke County supports passage of the Streamlined Sales Tax Project agreement (SST) by both the Federal and State governments so as to compel all out-of-state vendors to collect and remit sales taxes due by Virginia citizens to the Commonwealth and its localities.
- Clarke County supports the implementation of a local option transfer tax for all property sales.

Issue: Broadband Access

- Clarke County asks the Commonwealth to find ways to encourage private vendors to provide rural universal access to broadband Internet services in rural communities with hilly terrain.

Issue: Transportation

- Clarke County believes that transportation improvements should be funded by user fees, not the General Fund. General Fund revenues should not be used for transportation as doing so will undoubtedly take away from the funding of education, natural resources, etc.
- Clarke County does not support the devolution or cost shifting of transportation responsibilities to counties, especially smaller counties, like Clarke, that do not have the scale of work to allow for the efficient provision of services.
- Clarke County supports the concept of Urban Development Areas (UDAs) to better control the cost of transportation but believes that the creation of UDAs should be tied to mandatory development restrictions (e.g. downzoning) in areas outside of the UDA.

Issue: Biosolids

- Clarke County supports changes to biosolids regulations that would give localities more control over how and where Biosolids are spread within their jurisdiction. ~~Moreover, the funding the County receives for biosolids monitoring does not cover our costs and should be increased.~~

Issue: Growth Management

- Clarke County believes that the authority to plan and regulate land use should remain with local governing bodies and Clarke County opposes any

legislation that would weaken that authority. Further the General Assembly should grant localities the tools necessary to adequately meet citizens' increasing, education, public safety and other vital public infrastructure needs that are driven by development. Such additional tools may include broad impact fee authority for all counties, adequate public facilities provisions in subdivision ordinances, state funds for purchase of development rights and a real estate transfer tax.

- Clarke County supports full funding of the purchase of Development Rights Program as has been suggested by the Virginia Department of Agriculture and the Farm Bureau.
- Clarke County supports increasing the caps on the Commonwealth's tax credit program for the donation of easements as well as increased sanctions and penalties for fraudulent appraisals.

Issue: Water Supply Planning

- Clarke County believes that science, rather than power politics, should govern the approval of the local and regional water supply plans (due 2011). Moreover, it is important that the Commonwealth honor the targets set in the minimum in-stream flow studies of the Shenandoah River so as to protect both the aquatic life in the river and the recreational use of the river.

Issue: County Control and Rights

- Clarke County opposes legislation that exempts agricultural lands from local regulation of non-ag business activities such as restaurants, entertainment, festivals, etc.
- Clarke County believes the Dillon Rule should be abandoned or modified and opposes any legislation that would reduce county rights.

Issue: Waste and Litter Control

- Clarke County asks the Commonwealth to devolve to local governments the power to control the commercial use of throw-away plastic bags. The major economic and environmental costs resulting from the nearly universal use of throwaway plastic bags are numerous. They adversely impact wildlife and livestock, clog storm drains, pollute waterways, and litter roadways, fields and forests. Clarke County joins with other local jurisdictions in requesting the power to manage and control the commercial use of plastic bags in accordance with local needs.
- Clarke County supports a Beverage Container Bill.

Issue: Power Lines

- Clarke County supports legislation that would require all or part of new transmission lines to be placed underground if economic and environmental studies show that undergrounding is a viable alternative to overhead.

Moreover, Clarke believes that any such economic analysis consider the cost impact on adjacent property owners and that the environmental studies consider the health hazards from EMF, the impact on wildlife and historic sites, the visual impact, etc.

- Clarke County opposes the construction of power lines that do not benefit the region through which the line will traverse.

Issue: Affordable Housing

- Clarke County supports increased federal and state funding and appropriate incentives to encourage the provision of affordable housing.

Issue: Energy Efficiency and Conservation

- Clarke County supports legislative measures (regulations) to increase the efficient use of energy throughout the Commonwealth, both for governmental operations and for the private sector.
- **Clarke County believes the Commonwealth should offer grants to jurisdictions that desire to try innovative ways to reduce energy consumption.**

Issue: ~~Hunting With Hounds~~

- ~~• Clarke County opposes any unreasonable restriction that would limit the ability of citizens to hunt with hounds.~~

CLARKE COUNTY
 FD-PJT-FUNC-OBJ EXPENDITURES SUMMARY REPORT DEFINITION TYPE #0
 for Fiscal Year 2012 (2011-2012 Fiscal Year)
 Posted Only Figures
 Executed By: gilleya

Page: 1
 Date: 09/09/11
 Time: 09:35:07

Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For AUGUST	Expenditures Year-to-Date	Available Balance	Percent Used
FD 100 GENERAL FUND							
PJT 000 NON-CATEGORICAL							
FUNC 11010 BOARD OF SUPERVISORS							
1300	SALARIES AND WAGES - PART TIME	\$ 13,800.00	\$ 11,500.00	\$ 1,150.00	\$ 2,300.00	\$ 0.00	100.00
2100	FICA-BENEFITS	\$ 1,056.00	\$ 576.91	\$ 59.05	\$ 117.27	\$ 361.82	65.74
2300	HOSPITAL/MEDICAL PLANS	\$ 10,168.00	\$ 8,473.20	\$ 847.40	\$ 1,694.80	\$ 0.00	100.00
3100	PROFESSIONAL SERVICES	\$ 10,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 10,000.00	0.00
3600	ADVERTISING	\$ 7,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 7,000.00	0.00
5210	POSTAL SERVICES	\$ 300.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 300.00	0.00
5307	PUBLIC OFFICIAL LIABILITY INS.	\$ 7,000.00	\$ 0.00	\$ 0.00	\$ 6,142.00	\$ 858.00	87.74
5540	TRAVEL CONVENTION & EDUCATION	\$ 3,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 3,000.00	0.00
5800	MISCELLANEOUS CHARGES	\$ 1,600.00	\$ 0.00	\$ 172.79	\$ 172.79	\$ 1,427.21	10.80
5810	DUES & ASSOC. MEMBERSHIPS	\$ 4,000.00	\$ 0.00	\$ 500.00	\$ 3,587.00	\$ 413.00	89.68
6001	OFFICE SUPPLIES	\$ 500.00	\$ 0.00	\$ 33.00	\$ 33.00	\$ 467.00	6.60
11010	BOARD OF SUPERVISORS	\$ 58,424.00	\$ 20,550.11	\$ 2,762.24	\$ 14,046.86	\$ 23,827.03	59.22
FUNC 12110 COUNTY ADMINISTRATOR							
1100	SALARIES - REGULAR	\$ 184,719.00	\$ 166,247.50	\$ 18,109.75	\$ 34,869.50	\$ 16,398.00	108.88
1300	SALARIES - PART TIME	\$ 0.00	\$ 0.00	\$ 187.50	\$ 275.00	\$ 275.00	100.00
2100	FICA BENEFITS	\$ 14,130.00	\$ 12,038.16	\$ 1,333.82	\$ 2,556.71	\$ 464.87	103.29
2210	VSRS BENEFITS	\$ 25,492.00	\$ 23,128.45	\$ 2,312.85	\$ 4,625.70	\$ 2,262.15	108.87
2300	HEALTH INSURANCE BENEFITS	\$ 15,039.00	\$ 14,558.80	\$ 1,455.88	\$ 2,911.76	\$ 2,431.56	116.17
2400	LIFE INSURANCE	\$ 517.00	\$ 469.27	\$ 46.93	\$ 93.86	\$ 46.13	108.92
2700	WORKERS COMPENSATION INSURANCE	\$ 207.00	\$ 0.00	\$ 0.00	\$ 162.81	\$ 44.19	78.65
3100	PROFESSIONAL SERVICES	\$ 5,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 5,000.00	0.00
3320	MAINTENANCE SERVICE CONTRACT	\$ 500.00	\$ 686.22	\$ 77.06	\$ 77.06	\$ 263.28	152.66
3500	PRINTING AND BINDING	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,000.00	0.00
5210	POSTAL SERVICES	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
5230	TELECOMMUNICATIONS	\$ 800.00	\$ 552.86	\$ 54.64	\$ 54.64	\$ 192.50	75.94
5540	TRAVEL CONVENTION & EDUCATION	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 948.10	\$ 51.90	94.81
5810	DUES & ASSOCIATION MEMBERSHIPS	\$ 1,500.00	\$ 0.00	\$ 450.83	\$ 480.83	\$ 1,019.17	32.06
6001	OFFICE SUPPLIES	\$ 1,000.00	\$ 0.00	\$ 151.97	\$ 177.80	\$ 822.20	17.78
6008	VEHICLE AND EQUIP FUEL	\$ 1,200.00	\$ 0.00	\$ 123.59	\$ 123.59	\$ 1,076.41	10.30
6012	BOOKS AND SUBSCRIPTIONS	\$ 1,350.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,350.00	0.00
8202	FURNITURE & FIXTURES	\$ 0.00	\$ 0.00	\$ 0.00	\$ 124.00	\$ 124.00	100.00
12110	COUNTY ADMINISTRATOR	\$ 254,954.00	\$ 217,681.26	\$ 24,304.82	\$ 47,481.36	\$ 10,208.62	104.00
FUNC 12210 LEGAL SERVICES							
1100	SALARIES/WAGES - REGULAR	\$ 32,754.00	\$ 27,067.96	\$ 2,956.30	\$ 5,685.78	\$ 0.26	100.00
2100	FICA	\$ 2,506.00	\$ 2,073.39	\$ 226.44	\$ 435.52	\$ 2.91	100.12
2210	VSRS	\$ 4,520.00	\$ 5,960.91	\$ 596.09	\$ 1,192.18	\$ 2,633.09	158.25
2400	LIFE INSURANCE	\$ 92.00	\$ 120.95	\$ 12.09	\$ 24.18	\$ 53.13	157.75
3100	PROFESSIONAL SERVICES	\$ 32,000.00	\$ 0.00	\$ 1,523.00	\$ 1,523.00	\$ 30,477.00	4.76
12210	LEGAL SERVICES	\$ 71,872.00	\$ 35,223.21	\$ 5,313.92	\$ 8,860.66	\$ 27,788.13	61.34
FUNC 12310 COMMISSIONER OF REVENUE							
1100	SALARIES - REGULAR	\$ 136,044.00	\$ 112,470.00	\$ 12,237.00	\$ 23,574.00	\$ 0.00	100.00
2100	FICA BENEFITS	\$ 10,408.00	\$ 7,888.08	\$ 868.37	\$ 1,667.90	\$ 852.02	91.81
2210	VSRS BENEFITS	\$ 18,774.00	\$ 15,644.98	\$ 1,564.51	\$ 3,129.02	\$ 0.00	100.00
2300	HEALTH INSURANCE BENEFITS	\$ 17,914.00	\$ 14,928.20	\$ 1,492.90	\$ 2,985.80	\$ 0.00	100.00
2400	LIFE INSURANCE	\$ 381.00	\$ 317.52	\$ 31.74	\$ 63.48	\$ 0.00	100.00
2700	WORKERS COMPENSATION INSURANCE	\$ 200.00	\$ 0.00	\$ 0.00	\$ 159.23	\$ 40.77	79.62

CLARKE COUNTY
 FD-PJT-FUNC-OBJ EXPENDITURES SUMMARY REPORT DEFINITION TYPE #0
 for Fiscal Year 2012 (2011-2012 Fiscal Year)
 Posted Only Figures
 Executed By: gilleya

Page: 2
 Date: 09/09/11
 Time: 09:35:07

Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For	Expenditures AUGUST	Expenditures Year-to-Date	Available Balance	Percent Used
3100	PROFESSIONAL SERVICES	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
3310	REPAIR & MAINTENANCE	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
3320	MAINTENANCE SERVICE CONTRACTS	\$ 500.00	\$ 286.92	\$ 20.60	\$ 20.60	\$ 41.20	\$ 171.88	65.62
3500	PRINTING AND BINDING	\$ 1,200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,200.00	0.00
3600	ADVERTISING	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
4100	DATA PROCESSING	\$ 1,800.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 195.00	\$ 1,605.00	10.83
5210	POSTAL SERVICES	\$ 3,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 3,000.00	0.00
5230	TELECOMMUNICATIONS	\$ 1,200.00	\$ 0.00	\$ 32.89	\$ 32.89	\$ 32.89	\$ 1,167.11	2.74
5510	TRAVEL MILEAGE	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
5540	TRAVEL CONVENTION & EDUCATION	\$ 2,000.00	\$ 0.00	\$ 75.00	\$ 75.00	\$ 112.49	\$ 1,887.51	5.62
5810	DUES & MEMBERSHIPS	\$ 1,200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 495.00	\$ 705.00	41.25
6001	OFFICE SUPPLIES	\$ 1,100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 14.35	\$ 1,085.65	1.30
6008	VEHICLE AND EQUIP FUEL	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
6012	BOOKS AND SUBSCRIPTIONS	\$ 1,000.00	\$ 0.00	\$ 42.47	\$ 42.47	\$ 42.47	\$ 957.53	4.25
8201	MACHINERY & EQUIPMENT	\$ 200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 200.00	0.00
12310	COMMISSIONER OF REVENUE	\$ 198,221.00	\$ 151,535.70	\$ 16,365.48	\$ 16,365.48	\$ 32,512.83	\$ 14,172.47	92.85
	FUNC 12320 ASSESSOR							
1100	SALARIES - REGULAR	\$ 42,459.00	\$ 34,932.50	\$ 3,988.25	\$ 3,988.25	\$ 7,526.50	\$ 0.00	100.00
2100	FICA BENEFITS	\$ 3,249.00	\$ 2,240.55	\$ 264.00	\$ 264.00	\$ 493.57	\$ 514.88	84.15
2210	VSRS BENEFITS	\$ 5,859.00	\$ 4,882.78	\$ 488.28	\$ 488.28	\$ 976.56	\$ 0.34	100.01
2300	HEALTH INSURANCE BENEFITS	\$ 7,746.00	\$ 6,455.00	\$ 645.50	\$ 645.50	\$ 1,291.00	\$ 0.00	100.00
2400	LIFE INSURANCE	\$ 119.00	\$ 99.07	\$ 9.91	\$ 9.91	\$ 19.82	\$ 0.11	99.91
2700	WORKER'S COMPENSATION	\$ 700.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 569.88	\$ 130.12	81.41
3320	MAINTENANCE SERVICE CONTRACT	\$ 3,500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 3,500.00	0.00
5210	POSTAL SERVICES	\$ 50.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 50.00	0.00
5510	TRAVEL MILEAGE	\$ 250.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 250.00	0.00
5540	TRAVEL CONVENTION & EDUCATION	\$ 400.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 400.00	0.00
5810	DUES & MEMBERSHIPS	\$ 250.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 250.00	0.00
6001	OFFICE SUPPLIES	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
6012	BOOKS AND SUBSCRIPTIONS	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
12320	ASSESSOR	\$ 64,782.00	\$ 48,609.90	\$ 5,395.94	\$ 5,395.94	\$ 10,877.33	\$ 5,294.77	91.83
	FUNC 12410 TREASURER							
1100	SALARIES - REGULAR	\$ 177,642.00	\$ 149,515.33	\$ 13,323.17	\$ 13,323.17	\$ 25,996.34	\$ 2,130.33	98.80
2100	FICA BENEFITS	\$ 13,591.00	\$ 11,398.25	\$ 1,008.30	\$ 1,008.30	\$ 1,966.87	\$ 225.88	98.34
2210	VSRS BENEFITS	\$ 24,515.00	\$ 20,722.81	\$ 1,748.90	\$ 1,748.90	\$ 3,497.80	\$ 294.39	98.80
2300	HEALTH INSURANCE BENEFITS	\$ 17,470.00	\$ 8,103.80	\$ 810.38	\$ 810.38	\$ 1,620.76	\$ 7,745.44	55.66
2400	LIFE INSURANCE	\$ 497.00	\$ 420.46	\$ 35.49	\$ 35.49	\$ 70.98	\$ 5.56	98.88
2700	WORKERS COMPENSATION INSURANCE	\$ 210.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 170.31	\$ 39.69	81.10
3100	PROFESSIONAL SERVICES	\$ 0.00	\$ 0.00	\$ 20.60	\$ 20.60	\$ 41.20	\$ 41.20	100.00
3320	MAINTENANCE SERVICE CONTRACT	\$ 400.00	\$ 165.22	\$ 61.39	\$ 61.39	\$ 61.39	\$ 173.39	56.65
3500	PRINTING AND BINDING	\$ 8,500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 8,500.00	0.00
3600	ADVERTISING	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,000.00	0.00
5210	POSTAL SERVICES	\$ 19,000.00	\$ 0.00	\$ 5,761.94	\$ 5,761.94	\$ 5,953.94	\$ 13,046.06	31.34
5230	TELECOMMUNICATIONS	\$ 1,000.00	\$ 0.00	\$ 13.18	\$ 13.18	\$ 13.18	\$ 986.82	1.32
5306	SURETY BONDS	\$ 110.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 110.00	0.00
5510	TRAVEL MILEAGE	\$ 250.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 250.00	0.00
5540	TRAVEL CONVENTION & EDUCATION	\$ 2,000.00	\$ 0.00	\$ 175.00	\$ 175.00	\$ 175.00	\$ 1,825.00	8.75
5810	DUES & MEMBERSHIPS	\$ 1,000.00	\$ 0.00	\$ 45.00	\$ 45.00	\$ 725.00	\$ 275.00	72.50
6001	OFFICE SUPPLIES	\$ 5,000.00	\$ 0.00	\$ 8.10	\$ 8.10	\$ 22.45	\$ 4,977.55	0.45
6022	SUPPLIES - DOG TAGS	\$ 750.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 750.00	0.00
12410	TREASURER	\$ 272,935.00	\$ 190,325.87	\$ 23,011.45	\$ 23,011.45	\$ 40,315.22	\$ 42,293.91	84.50
	FUNC 12510 DATA PROCESSING							
1100	SALARIES & WAGES - REGULAR	\$ 113,282.00	\$ 93,065.00	\$ 10,776.83	\$ 10,776.83	\$ 18,023.64	\$ 2,193.36	98.06

CLARKE COUNTY
 FD-PJT-FUNC-OBJ EXPENDITURES SUMMARY REPORT DEFINITION TYPE #0
 for Fiscal Year 2012 (2011-2012 Fiscal Year)
 Posted Only Figures
 Executed By: gilleya

Page: 3
 Date: 09/09/11
 Time: 09:35:07

Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For AUGUST	Expenditures Year-to-Date	Available Balance	Percent Used
1300	SALARIES - PART TIME	\$ 0.00	\$ 0.00	\$ 0.00	\$ 307.50	\$ 307.50	100.00
2100	FICA BENEFITS	\$ 8,666.00	\$ 6,684.30	\$ 782.97	\$ 1,414.95	\$ 566.75	93.46
2210	VSRS	\$ 15,633.00	\$ 13,531.89	\$ 1,411.30	\$ 2,411.36	\$ 310.25	101.98
2300	HOSPITAL/MEDICAL PLANS	\$ 7,746.00	\$ 6,455.00	\$ 645.50	\$ 1,291.00	\$ 0.00	100.00
2400	LIFE INSURANCE	\$ 317.00	\$ 274.56	\$ 28.64	\$ 48.93	\$ 6.49	102.05
2700	WORKER'S COMPENSATION	\$ 136.00	\$ 0.00	\$ 0.00	\$ 111.88	\$ 24.12	82.26
2800	LEAVE PAYOUTS	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,248.53	\$ 1,248.53	100.00
3100	PROFESSIONAL SERVICES	\$ 10,000.00	\$ 3,475.00	\$ 150.00	\$ 300.00	\$ 6,225.00	37.75
3320	MAINTENANCE SERVICE CONTRACT	\$ 36,500.00	\$ 12,058.79	\$ 948.36	\$ 8,736.72	\$ 15,704.49	56.97
5210	POSTAL SERVICES	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,000.00	0.00
5230	TELECOMMUNICATIONS	\$ 50,000.00	\$ 6,031.01	\$ 1,286.80	\$ 2,137.10	\$ 41,831.89	16.34
5540	TRAVEL CONVENTION & EDUCATION	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
6001	OFFICE SUPPLIES	\$ 3,000.00	\$ 0.00	\$ 230.73	\$ 239.34	\$ 2,760.66	7.98
6012	BOOKS & SUBSCRIPTIONS	\$ 200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 200.00	0.00
8207	EDP EQUIPMENT	\$ 10,000.00	\$ 2,064.00	\$ 4,893.20	\$ 4,893.20	\$ 3,042.80	69.57
12510	DATA PROCESSING	\$ 256,980.00	\$ 143,639.55	\$ 21,154.33	\$ 41,164.15	\$ 72,176.30	71.91
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	\$ 10.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 10.00	0.00
3000	PURCHASED SERVICES	\$ 4,200.00	\$ 0.00	\$ 1,083.50	\$ 1,083.50	\$ 3,116.50	25.80
3160	ELECTORAL BOARD SERVICES	\$ 8,565.00	\$ 0.00	\$ 965.00	\$ 965.00	\$ 7,600.00	11.27
3320	MAINTENANCE SERVICE CONTRACT	\$ 4,725.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 4,725.00	0.00
3500	PRINTING AND BINDING	\$ 2,500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,500.00	0.00
3600	ADVERTISING	\$ 510.00	\$ 0.00	\$ 161.20	\$ 161.20	\$ 348.80	31.61
5210	POSTAL SERVICES	\$ 2,445.00	\$ 0.00	\$ 0.00	\$ 62.00	\$ 2,383.00	2.54
5400	LEASES AND RENTALS	\$ 1,050.00	\$ 0.00	\$ 150.00	\$ 150.00	\$ 900.00	14.29
5510	TRAVEL MILEAGE	\$ 500.00	\$ 0.00	\$ 36.76	\$ 36.76	\$ 463.24	7.35
5540	TRAVEL CONVENTION & EDUCATION	\$ 900.00	\$ 0.00	\$ 0.00	\$ 228.73	\$ 671.27	25.41
5810	DUES, SUBSCRIPTIONS & MEMBERSHIPS	\$ 150.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 150.00	0.00
6000	MATERIAL AND SUPPLIES	\$ 600.00	\$ 0.00	\$ 261.41	\$ 261.41	\$ 338.59	43.57
13100	ELECTORAL BOARD AND OFFICIALS	\$ 34,242.00	\$ 0.00	\$ 2,657.87	\$ 2,948.60	\$ 31,293.40	8.61
FUNC 13200 REGISTRAR							
1100	SALARIES - REGULAR	\$ 43,363.00	\$ 35,685.84	\$ 4,063.58	\$ 7,677.16	\$ 0.00	100.00
1300	SALARIES - PART TIME	\$ 8,840.00	\$ 0.00	\$ 412.00	\$ 932.00	\$ 7,908.00	10.54
2100	FICA BENEFITS	\$ 3,995.00	\$ 2,728.71	\$ 343.63	\$ 661.10	\$ 605.19	84.85
2210	VSRS BENEFITS	\$ 5,984.00	\$ 4,986.75	\$ 498.67	\$ 997.34	\$ 0.09	100.00
2400	LIFE INSURANCE	\$ 121.00	\$ 101.18	\$ 10.12	\$ 20.24	\$ 0.42	100.35
2700	WORKERS COMPENSATION INSURANCE	\$ 794.00	\$ 0.00	\$ 0.00	\$ 41.57	\$ 752.43	5.24
3310	REPAIR & MAINTENANCE	\$ 200.00	\$ 0.00	\$ 45.00	\$ 45.00	\$ 155.00	22.50
3320	MAINTENANCE & SERVICE CONTRACT	\$ 0.00	\$ 37.95	\$ 0.00	\$ 0.00	\$ 37.95	100.00
5230	TELECOMMUNICATIONS	\$ 900.00	\$ 0.00	\$ 2.50	\$ 2.50	\$ 897.50	0.28
5510	TRAVEL MILEAGE	\$ 150.00	\$ 0.00	\$ 67.50	\$ 67.50	\$ 82.50	45.00
5540	TRAVEL CONVENTION & EDUCATION	\$ 870.00	\$ 0.00	\$ 450.15	\$ 611.70	\$ 258.30	70.31
5810	DUES & SUBSCRIPTIONS	\$ 150.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 150.00	0.00
6001	OFFICE SUPPLIES	\$ 700.00	\$ 0.00	\$ 60.00	\$ 60.00	\$ 640.00	8.57
8202	FURNITURE & FIXTURES	\$ 0.00	\$ 340.03	\$ 0.00	\$ 0.00	\$ 340.03	100.00
13200	REGISTRAR	\$ 66,067.00	\$ 43,880.46	\$ 5,953.15	\$ 11,116.11	\$ 11,070.43	83.24
FUNC 21100 CIRCUIT COURT							
2100	FICA	\$ 0.00	\$ 0.00	\$ 0.00	\$ 948.56	\$ 948.56	100.00
5841	COMPENSATION OF JURORS	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 180.00	\$ 1,820.00	9.00
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

CLARKE COUNTY
 FD-PJT-FUNC-OBJ EXPENDITURES SUMMARY REPORT DEFINITION TYPE #0
 for Fiscal Year 2012 (2011-2012 Fiscal Year)
 Posted Only Figures
 Executed By: gilleya

Page: 4
 Date: 09/09/11
 Time: 09:35:07

Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For	Expenditures AUGUST	Expenditures Year-to-Date	Available Balance	Percent Used
21100	CIRCUIT COURT	\$ 12,180.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,128.56	\$ 11,051.44	9.27
	FUNC 21200 GENERAL DISTRICT COURT							
3150	LEGAL	\$ 0.00	\$ 0.00	\$ 120.00	\$ 120.00	\$ 120.00	\$ 120.00	100.00
3320	MAINTENANCE SERVICE CONTRACT	\$ 0.00	\$ 300.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 300.00	100.00
5210	POSTAL SERVICES	\$ 744.00	\$ 216.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 528.00	29.03
5230	TELECOMMUNICATIONS	\$ 2,000.00	\$ 0.00	\$ 31.70	\$ 31.70	\$ 31.70	\$ 1,968.30	1.58
5810	DUES & MEMBERSHIPS	\$ 85.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 85.00	0.00
6001	OFFICE SUPPLIES	\$ 1,500.00	\$ 0.00	\$ 268.00	\$ 268.00	\$ 268.00	\$ 1,232.00	17.87
6012	BOOKS AND SUBSCRIPTIONS	\$ 600.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 245.66	\$ 354.34	40.94
8201	MACHINERY & EQUIPMENT	\$ 135.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 135.00	0.00
21200	GENERAL DISTRICT COURT	\$ 5,064.00	\$ 516.00	\$ 419.70	\$ 419.70	\$ 665.36	\$ 3,882.64	23.33
	FUNC 21300 MAGISTRATE							
5230	TELECOMMUNICATIONS	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,000.00	0.00
	FUNC 21500 JUVENILE & DOMESTIC RELATIONS OFFICE							
3320	MAINTENANCE SERVICE CONTRACT	\$ 1,221.00	\$ 432.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 789.00	35.38
5210	POSTAL SERVICES	\$ 550.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 96.00	\$ 454.00	17.45
5230	TELECOMMUNICATIONS	\$ 700.00	\$ 0.00	\$ 53.02	\$ 53.02	\$ 53.02	\$ 646.98	7.57
5810	DUES & MEMBERSHIPS	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 40.00	\$ 60.00	40.00
6001	OFFICE SUPPLIES	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,000.00	0.00
21500	JUVENILE & DOMESTIC RELATIONS OF	\$ 4,571.00	\$ 432.00	\$ 53.02	\$ 53.02	\$ 189.02	\$ 3,949.98	13.59
	FUNC 21600 CLERK OF THE CIRCUIT COURT							
1100	Salaries - Regular	\$ 20,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 20,000.00	0.00
2100	FICA BENEFITS	\$ 11,838.00	\$ 0.00	\$ 948.56	\$ 948.56	\$ 948.56	\$ 10,889.44	8.01
2210	VSRS BENEFITS	\$ 22,500.00	\$ 0.00	\$ 1,711.13	\$ 1,711.13	\$ 3,422.26	\$ 19,077.74	15.21
2300	HEALTH INSURANCE BENEFITS	\$ 9,773.00	\$ 0.00	\$ 10,160.38	\$ 10,160.38	\$ 10,970.76	\$ 1,197.76	112.26
2400	LIFE INSURANCE	\$ 500.00	\$ 0.00	\$ 34.72	\$ 34.72	\$ 69.44	\$ 430.56	13.89
2700	WORKER'S COMPENSATION	\$ 202.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 150.55	\$ 51.45	74.53
3100	PROFESSIONAL SERVICES	\$ 3,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 3,000.00	0.00
3310	REPAIR & MAINTENANCE	\$ 150.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 150.00	0.00
3320	MAINTENANCE SERVICE CONTRACT	\$ 1,000.00	\$ 604.00	\$ 0.00	\$ 0.00	\$ 201.00	\$ 195.00	80.50
3500	PRINTING AND BINDING	\$ 300.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 300.00	0.00
3510	MICROFILMING	\$ 9,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 571.55	\$ 8,428.45	6.35
5210	POSTAL SERVICES	\$ 3,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 96.00	\$ 2,904.00	3.20
5230	TELECOMMUNICATIONS	\$ 1,000.00	\$ 0.00	\$ 60.24	\$ 60.24	\$ 60.24	\$ 939.76	6.02
6001	OFFICE SUPPLIES	\$ 7,000.00	\$ 0.00	\$ 44.10	\$ 44.10	\$ 237.38	\$ 6,762.62	3.39
21600	CLERK OF THE CIRCUIT COURT	\$ 89,263.00	\$ 604.00	\$ 12,959.13	\$ 12,959.13	\$ 16,727.74	\$ 71,931.26	19.42
	FUNC 21900 VICTIM/WITNESS PROGRAM							
1300	SALARIES/WAGES - PART TIME	\$ 30,086.00	\$ 24,683.47	\$ 2,895.25	\$ 2,895.25	\$ 5,402.40	\$ 0.13	100.00
2100	FICA	\$ 2,302.00	\$ 1,864.77	\$ 219.26	\$ 219.26	\$ 408.82	\$ 28.41	98.77
2210	VSRS	\$ 4,152.00	\$ 4,011.77	\$ 401.18	\$ 401.18	\$ 802.36	\$ 662.13	115.95
2300	Health Insurance	\$ 4,193.00	\$ 4,051.90	\$ 405.19	\$ 405.19	\$ 810.38	\$ 669.28	115.96
2400	LIFE INSURANCE	\$ 84.00	\$ 81.40	\$ 8.14	\$ 8.14	\$ 16.28	\$ 13.68	116.29
2700	WORKER'S COMPENSATION	\$ 50.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 33.44	\$ 16.56	66.88
5230	TELECOMMUNICATIONS	\$ 0.00	\$ 0.00	\$ 2.50	\$ 2.50	\$ 2.50	\$ 2.50	100.00
5540	TRAVEL CONVENTION & EDUCATION	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 89.00	\$ 89.00	100.00
21900	VICTIM/WITNESS PROGRAM	\$ 40,867.00	\$ 34,693.31	\$ 3,931.52	\$ 3,931.52	\$ 7,565.18	\$ 1,391.49	103.40
	FUNC 21920 COURT SERVICES DETOXIFICATION							
3845	PURCHASED SERVICES - DETOX	\$ 3,178.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 3,178.00	0.00

CLARKE COUNTY
 FD-PJT-FUNC-OBJ EXPENDITURES SUMMARY REPORT DEFINITION TYPE #0
 for Fiscal Year 2012 (2011-2012 Fiscal Year)
 Posted Only Figures
 Executed By: gilleya

Page: 5
 Date: 09/09/11
 Time: 09:35:07

Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For AUGUST	Expenditures Year-to-Date	Available Balance	Percent Used
5699	FUNC 21930 BLUE RIDGE LEGAL SERVICES CIVIC CONTRIBUTIONS	\$ 2,000.00	\$ 0.00	\$ 2,000.00	\$ 2,000.00	\$ 0.00	100.00
	FUNC 22100 COMMONWEALTH'S ATTORNEY						
1100	SALARIES - REGULAR	\$ 176,657.00	\$ 146,681.16	\$ 15,254.48	\$ 29,975.87	\$ 0.03	100.00
1300	SALARIES - PART TIME	\$ 5,800.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 5,800.00	0.00
2100	FICA BENEFITS	\$ 13,957.00	\$ 11,211.34	\$ 1,166.28	\$ 2,291.78	\$ 453.88	96.75
2210	VSRS BENEFITS	\$ 24,379.00	\$ 20,419.05	\$ 2,041.91	\$ 4,083.82	\$ 123.87	100.51
2300	HEALTH INSURANCE BENEFITS	\$ 9,638.00	\$ 8,103.80	\$ 810.38	\$ 1,620.76	\$ 86.56	100.90
2400	LIFE INSURANCE	\$ 495.00	\$ 414.30	\$ 41.43	\$ 82.86	\$ 2.16	100.44
2700	WORKERS COMPENSATION INSURANCE	\$ 240.00	\$ 0.00	\$ 0.00	\$ 163.97	\$ 76.03	68.32
3320	MAINTENANCE SERVICE CONTRACT	\$ 400.00	\$ 0.00	\$ 46.70	\$ 46.70	\$ 353.30	11.68
5210	POSTAL SERVICES	\$ 840.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 840.00	0.00
5230	TELECOMMUNICATIONS	\$ 600.00	\$ 0.00	\$ 30.39	\$ 30.39	\$ 569.61	5.07
5540	TRAVEL CONVENTION & EDUCATION	\$ 3,000.00	\$ 0.00	\$ 983.05	\$ 1,133.05	\$ 1,866.95	37.77
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	\$ 0.00	\$ 1,030.00	0.00
6001	OFFICE SUPPLIES	\$ 1,000.00	\$ 0.00	\$ 215.90	\$ 286.10	\$ 713.90	28.61
6012	BOOKS AND SUBSCRIPTIONS	\$ 950.00	\$ 0.00	\$ 0.00	\$ 420.00	\$ 530.00	44.21
22100	COMMONWEALTH'S ATTORNEY	\$ 239,986.00	\$ 186,829.65	\$ 20,590.52	\$ 40,135.30	\$ 13,021.05	94.57
	FUNC 31200 SHERIFF						
1100	SALARIES - REGULAR	\$ 915,217.00	\$ 755,875.03	\$ 83,074.67	\$ 157,282.22	\$ 2,059.75	99.77
1300	SALARIES - PART TIME	\$ 20,000.00	\$ 0.00	\$ 3,790.75	\$ 5,845.00	\$ 14,155.00	29.23
2100	FICA BENEFITS	\$ 71,545.00	\$ 54,191.51	\$ 6,289.11	\$ 11,767.04	\$ 5,586.45	92.19
2210	VSRS BENEFITS	\$ 126,300.00	\$ 105,564.40	\$ 10,210.66	\$ 20,421.32	\$ 314.28	99.75
2300	HEALTH INSURANCE BENEFITS	\$ 110,570.00	\$ 89,742.00	\$ 8,974.20	\$ 17,948.40	\$ 2,879.60	97.40
2400	LIFE INSURANCE	\$ 2,562.00	\$ 2,141.88	\$ 207.18	\$ 414.36	\$ 5.76	99.78
2700	WORKERS COMPENSATION INSURANCE	\$ 12,000.00	\$ 0.00	\$ 0.00	\$ 9,952.36	\$ 2,047.64	82.94
2860	LINE OF DUTY BENEFITS	\$ 3,978.00	\$ 0.00	\$ 0.00	\$ 7,060.68	\$ 3,082.68	177.49
3100	PROFESSIONAL SERVICES	\$ 6,000.00	\$ 0.00	\$ 231.27	\$ 400.43	\$ 5,599.57	6.67
3310	REPAIR & MAINTENANCE	\$ 3,000.00	\$ 0.00	\$ 284.60	\$ 384.35	\$ 2,615.65	12.81
3320	MAINTENANCE SERVICE CONTRACT	\$ 16,000.00	\$ 6,993.00	\$ 0.00	\$ 6,969.00	\$ 2,038.00	87.26
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	\$ 21.35	\$ 435.48	\$ 2,564.52	14.52
5230	TELECOMMUNICATIONS	\$ 12,000.00	\$ 4,795.88	\$ 658.76	\$ 658.76	\$ 6,545.36	45.46
5305	MOTOR VEHICLE INSURANCE	\$ 14,000.00	\$ 0.00	\$ 0.00	\$ 12,425.58	\$ 1,574.42	88.75
5530	TRAVEL SUBSISTANCE & LODGING	\$ 5,000.00	\$ 0.00	\$ 703.91	\$ 983.09	\$ 4,016.91	19.66
5540	TRAVEL CONVENTION & EDUCATION	\$ 2,000.00	\$ 0.00	\$ 520.00	\$ 1,170.00	\$ 830.00	58.50
5800	MISCELLANEOUS CHARGES	\$ 2,000.00	\$ 0.00	\$ 133.56	\$ 168.56	\$ 1,831.44	8.43
5810	DUES & MEMBERSHIPS	\$ 2,500.00	\$ 0.00	\$ 0.00	\$ 40.00	\$ 2,460.00	1.60
6001	OFFICE SUPPLIES	\$ 3,000.00	\$ 0.00	\$ 299.99	\$ 723.14	\$ 2,276.86	24.10
6007	REPAIR AND MAINTENANCE SUPPLIES	\$ 38,000.00	\$ 18,464.61	\$ 3,424.97	\$ 5,217.37	\$ 14,318.02	62.32
6008	VEHICLE AND EQUIP FUEL	\$ 75,000.00	\$ 0.00	\$ 7,449.63	\$ 10,587.89	\$ 64,412.11	14.12
6010	POLICE SUPPLIES	\$ 5,000.00	\$ 0.00	\$ 401.29	\$ 401.29	\$ 4,598.71	8.03
6011	UNIFORM AND WEARING APPAREL	\$ 4,000.00	\$ 0.00	\$ 410.10	\$ 410.10	\$ 3,589.90	10.25
6017	AMMUNITION	\$ 7,000.00	\$ 6,412.23	\$ 0.00	\$ 0.00	\$ 587.77	91.60
6024	INSURED REPAIRS	\$ 12,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 12,000.00	0.00
31200	SHERIFF	\$ 1,472,672.00	\$ 1,044,180.54	\$ 127,086.00	\$ 271,666.42	\$ 156,825.04	89.35
	FUNC 31210 CRIMINAL JUSTICE TRAINING CENTER						
5699	CIVIC CONTRIBUTIONS	\$ 15,500.00	\$ 0.00	\$ 0.00	\$ 13,447.50	\$ 2,052.50	86.76
	FUNC 31220 DRUG TASK FORCE						
5699	CIVIC CONTRIBUTIONS	\$ 10,500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 10,500.00	0.00

CLARKE COUNTY
 PD-PJT-FUNC-OBJ EXPENDITURES SUMMARY REPORT DEFINITION TYPE #0
 for Fiscal Year 2012 (2011-2012 Fiscal Year)
 Posted Only Figures
 Executed By: gilleya

Page: 6
 Date: 09/09/11
 Time: 09:35:07

Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For	AUGUST	Expenditures Year-to-Date	Available Balance	Percent Used

FUNC 32100 EMERGENCY MEDICAL SERVICES								
1100	SALARIES - REGULAR	\$ 244,000.00	\$ 202,431.31	\$ 19,085.22	\$	\$ 41,525.58	\$ 43.11	99.98
1300	SALARIES - PART TIME	\$ 18,000.00	\$ 0.00	\$ 3,522.00	\$	\$ 5,622.00	\$ 12,378.00	31.23
2100	FICA BENEFITS	\$ 20,043.00	\$ 15,649.12	\$ 1,566.34	\$	\$ 3,281.47	\$ 1,112.41	94.45
2210	VSRS BENEFITS	\$ 33,672.00	\$ 23,480.33	\$ 2,029.15	\$	\$ 4,058.30	\$ 6,133.37	81.78
2300	HEALTH INSURANCE BENEFITS	\$ 30,338.00	\$ 25,190.00	\$ 2,501.40	\$	\$ 5,002.80	\$ 145.20	99.52
2400	LIFE INSURANCE	\$ 683.00	\$ 460.34	\$ 41.19	\$	\$ 82.38	\$ 140.28	79.46
2700	WORKERS COMPENSATION INSURANCE	\$ 16,500.00	\$ 0.00	\$ 0.00	\$	\$ 11,860.83	\$ 4,639.17	71.88
2860	LINE OF DUTY BENEFITS	\$ 1,170.00	\$ 0.00	\$ 0.00	\$	\$ 2,157.32	\$ 987.32	184.39
5230	TELECOMMUNICATIONS	\$ 800.00	\$ 0.00	\$ 57.99	\$	\$ 57.99	\$ 742.01	7.25
5540	TRAVEL CONVENTION & EDUCATION	\$ 500.00	\$ 0.00	\$ 0.00	\$	\$ 0.00	\$ 500.00	0.00
6001	OFFICE SUPPLIES	\$ 500.00	\$ 0.00	\$ 25.37	\$	\$ 70.37	\$ 429.63	14.07
6008	VEHICLE AND EQUIP FUEL	\$ 1,500.00	\$ 0.00	\$ 49.00	\$	\$ 49.00	\$ 1,451.00	3.27
6011	UNIFORM AND WEARING APPAREL	\$ 1,100.00	\$ 0.00	\$ 0.00	\$	\$ 0.00	\$ 1,100.00	0.00

32100	EMERGENCY MEDICAL SERVICES	\$ 368,806.00	\$ 267,211.10	\$ 28,877.66	\$	\$ 73,768.04	\$ 27,826.86	92.45

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	\$ 3,000.00	\$ 0.00	\$ 0.00	\$	\$ 1,522.50	\$ 1,477.50	50.75
5699	CIVIC CONTRIBUTIONS	\$ 50,000.00	\$ 0.00	\$ 0.00	\$	\$ 12,500.00	\$ 37,500.00	25.00

32201	BLUE RIDGE VOLUNTEER FIRE COMPAN	\$ 53,000.00	\$ 0.00	\$ 0.00	\$	\$ 14,022.50	\$ 38,977.50	26.46

FUNC 32202 BOYCE VOLUNTEER FIRE COMPANY								
2860	LINE OF DUTY BENEFITS	\$ 3,000.00	\$ 0.00	\$ 0.00	\$	\$ 2,415.00	\$ 585.00	80.50
5699	CIVIC CONTRIBUTIONS	\$ 50,000.00	\$ 0.00	\$ 0.00	\$	\$ 12,500.00	\$ 37,500.00	25.00

32202	BOYCE VOLUNTEER FIRE COMPANY	\$ 53,000.00	\$ 0.00	\$ 0.00	\$	\$ 14,915.00	\$ 38,085.00	28.14

FUNC 32203 ENDERS VOLUNTEER FIRE COMPANY								
2860	LINE OF DUTY BENEFITS	\$ 4,500.00	\$ 0.00	\$ 0.00	\$	\$ 3,307.50	\$ 1,192.50	73.50
5699	CIVIC CONTRIBUTIONS	\$ 75,000.00	\$ 0.00	\$ 0.00	\$	\$ 18,750.00	\$ 56,250.00	25.00

32203	ENDERS VOLUNTEER FIRE COMPANY	\$ 79,500.00	\$ 0.00	\$ 0.00	\$	\$ 22,057.50	\$ 57,442.50	27.75

FUNC 32204 SHENDANDOAH FARMS VOLUNTEER FIRE COMPANY								
2860	LINE OF DUTY BENEFITS	\$ 3,000.00	\$ 0.00	\$ 0.00	\$	\$ 1,155.00	\$ 1,845.00	38.50
5699	CIVIC CONTRIBUTIONS	\$ 50,000.00	\$ 0.00	\$ 0.00	\$	\$ 0.00	\$ 50,000.00	0.00

32204	SHENDANDOAH FARMS VOLUNTEER FIRE	\$ 53,000.00	\$ 0.00	\$ 0.00	\$	\$ 1,155.00	\$ 51,845.00	2.18

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	\$ 0.00	\$	\$ 0.00	\$ 2,231.00	0.00

FUNC 33100 REGIONAL JAIL								
7000	JOINT OPERATIONS	\$ 376,287.00	\$ 0.00	\$ 0.00	\$	\$ 94,071.75	\$ 282,215.25	25.00

FUNC 33200 JUVENILE DETENTION								
3840	PURCHASED SERVICES - DETENTION C	\$ 31,192.00	\$ 0.00	\$ 0.00	\$	\$ 0.00	\$ 31,192.00	0.00

CLARKE COUNTY
 FD-PJT-FUNC-OBJ EXPENDITURES SUMMARY REPORT DEFINITION TYPE #0
 for Fiscal Year 2012 (2011-2012 Fiscal Year)
 Posted Only Figures
 Executed By: gilleya

Page: 7
 Date: 09/09/11
 Time: 09:35:07

Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For	AUGUST	Expenditures Year-to-Date	Available Balance	Percent Used
FUNC 33300 PROBATION OFFICE								
5210	POSTAL SERVICES	\$ 125.00	\$ 0.00	\$ 96.00	\$ 96.00	\$ 96.00	\$ 29.00	76.80
5230	TELECOMMUNICATIONS	\$ 500.00	\$ 0.00	\$ 25.39	\$ 25.39	\$ 25.39	\$ 474.61	5.08
6001	OFFICE SUPPLIES	\$ 300.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 300.00	0.00
33300	PROBATION OFFICE	\$ 925.00	\$ 0.00	\$ 121.39	\$ 121.39	\$ 121.39	\$ 803.61	13.12
FUNC 34100 BUILDING INSPECTIONS								
1100	SALARIES - REGULAR	\$ 92,014.00	\$ 75,778.32	\$ 8,567.84	\$ 8,567.84	\$ 16,235.68	\$ 0.00	100.00
2100	FICA BENEFITS	\$ 7,039.00	\$ 5,235.18	\$ 597.89	\$ 597.89	\$ 1,126.94	\$ 676.88	90.38
2210	VSRS BENEFITS	\$ 12,698.00	\$ 10,581.61	\$ 1,058.16	\$ 1,058.16	\$ 2,116.32	\$ 0.07	100.00
2300	HEALTH INSURANCE BENEFITS	\$ 10,612.00	\$ 8,843.16	\$ 884.42	\$ 884.42	\$ 1,768.84	\$ 0.00	100.00
2400	LIFE INSURANCE	\$ 258.00	\$ 214.70	\$ 21.47	\$ 21.47	\$ 42.94	\$ 0.36	99.86
2700	WORKERS COMPENSATION INSURANCE	\$ 950.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 801.52	\$ 148.48	84.37
3320	MAINTENANCE SERVICE CONTRACT	\$ 1,900.00	\$ 0.00	\$ 1,200.00	\$ 1,200.00	\$ 1,200.00	\$ 700.00	63.16
3500	PRINTING AND BINDING	\$ 600.00	\$ 0.00	\$ 146.60	\$ 146.60	\$ 146.60	\$ 453.40	24.43
3600	ADVERTISING	\$ 150.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 150.00	0.00
5210	POSTAL SERVICES	\$ 150.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 150.00	0.00
5230	TELECOMMUNICATIONS	\$ 1,300.00	\$ 311.02	\$ 52.87	\$ 52.87	\$ 52.87	\$ 936.11	27.99
5510	TRAVEL MILEAGE	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
5540	TRAVEL CONVENTION & EDUCATION	\$ 600.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 600.00	0.00
5810	DUES & MEMBERSHIPS	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
6001	OFFICE SUPPLIES	\$ 1,500.00	\$ 0.00	\$ 12.60	\$ 12.60	\$ 12.60	\$ 1,487.40	0.84
6008	VEHICLE AND EQUIP FUEL	\$ 2,500.00	\$ 0.00	\$ 287.49	\$ 287.49	\$ 287.49	\$ 2,212.51	11.50
6012	BOOKS AND SUBSCRIPTIONS	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,000.00	0.00
34100	BUILDING INSPECTIONS	\$ 133,871.00	\$ 100,963.99	\$ 12,829.34	\$ 12,829.34	\$ 23,791.80	\$ 9,115.21	93.19
FUNC 35100 ANIMAL CONTROL								
1100	SALARIES - REGULAR	\$ 33,500.00	\$ 27,466.66	\$ 3,241.67	\$ 3,241.67	\$ 6,033.34	\$ 0.00	100.00
1300	SALARIES - PART TIME	\$ 20,000.00	\$ 0.00	\$ 1,717.25	\$ 1,717.25	\$ 3,053.41	\$ 16,946.59	15.27
2100	FICA BENEFITS	\$ 4,093.00	\$ 1,751.68	\$ 346.08	\$ 346.08	\$ 628.57	\$ 1,712.75	58.15
2210	VSRS BENEFITS	\$ 4,623.00	\$ 3,852.50	\$ 385.25	\$ 385.25	\$ 770.50	\$ 0.00	100.00
2300	HEALTH INSURANCE BENEFITS	\$ 5,306.00	\$ 4,421.58	\$ 442.21	\$ 442.21	\$ 884.42	\$ 0.00	100.00
2400	LIFE INSURANCE	\$ 94.00	\$ 78.16	\$ 7.82	\$ 7.82	\$ 15.64	\$ 0.20	99.79
2700	WORKERS COMPENSATION INSURANCE	\$ 800.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 458.41	\$ 341.59	57.30
2860	LINE OF DUTY BENEFITS	\$ 234.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 234.00	0.00
3100	PROFESSIONAL SERVICES	\$ 7,357.00	\$ 0.00	\$ 76.26	\$ 76.26	\$ 76.26	\$ 7,280.74	1.04
3500	PRINTING AND BINDING	\$ 320.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 320.00	0.00
5210	POSTAL SERVICES	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
5230	TELECOMMUNICATIONS	\$ 2,400.00	\$ 155.51	\$ 90.62	\$ 90.62	\$ 90.62	\$ 2,153.87	10.26
5510	TRAVEL MILEAGE	\$ 608.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 608.00	0.00
5540	TRAVEL CONVENTION & EDUCATION	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,000.00	0.00
5810	DUES & MEMBERSHIPS	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
6001	OFFICE SUPPLIES	\$ 200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 9.30	\$ 190.70	4.65
6004	MEDICAL AND LABORATORY SUPPLIES	\$ 1,203.00	\$ 0.00	\$ 766.80	\$ 766.80	\$ 766.80	\$ 436.20	63.74
6005	LAUNDRY, HOUSEKEEPING, & JANITOR	\$ 400.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 400.00	0.00
6008	VEHICLE AND EQUIP FUEL	\$ 1,408.00	\$ 0.00	\$ 75.52	\$ 75.52	\$ 75.52	\$ 1,332.48	5.36
6011	UNIFORM AND WEARING APPAREL	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
6014	OTHER OPERATING SUPPLIES	\$ 4,500.00	\$ 110.00	\$ 373.50	\$ 373.50	\$ 373.50	\$ 4,016.50	10.74
35100	ANIMAL CONTROL	\$ 89,746.00	\$ 37,836.09	\$ 7,522.98	\$ 7,522.98	\$ 13,236.29	\$ 38,673.62	56.91
FUNC 35300 MEDICAL EXAMINER								
3100	PROFESSIONAL SERVICES	\$ 150.00	\$ 0.00	\$ 20.00	\$ 20.00	\$ 20.00	\$ 130.00	13.33
FUNC 35600 COMMUNICATIONS								
1100	Salaries - Regular	\$ 194,882.00	\$ 159,071.66	\$ 20,494.39	\$ 20,494.39	\$ 39,122.06	\$ 3,311.72	101.70
2100	FICA Benefits	\$ 14,908.00	\$ 11,305.70	\$ 1,485.75	\$ 1,485.75	\$ 2,828.70	\$ 773.60	94.81

CLARKE COUNTY
 FD-PJT-FUNC-OBJ EXPENDITURES SUMMARY REPORT DEFINITION TYPE #0
 for Fiscal Year 2012 (2011-2012 Fiscal Year)
 Posted Only Figures
 Executed By: gilleya

Page: 8
 Date: 09/09/11
 Time: 09:35:07

Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For	Expenditures AUGUST	Expenditures Year-to-Date	Available Balance	Percent Used
2210	VSRS Benefits	\$ 26,894.00	\$ 22,411.42	\$ 2,241.15	\$ 4,482.30	\$ 0.28	100.00	
2300	Health Insurance Benefits	\$ 30,060.00	\$ 25,051.80	\$ 2,505.18	\$ 5,010.36	\$ 2.16	100.01	
2400	Life Insurance	\$ 546.00	\$ 454.73	\$ 45.47	\$ 90.94	\$ 0.33	99.94	
2700	Worker's Compensation	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 186.84	\$ 813.16	18.68	
3320	MAINTENANCE SERVICE CONTRACT	\$ 75,000.00	\$ 43,950.00	\$ 0.00	\$ 13,238.00	\$ 17,812.00	76.25	
5230	TELECOMMUNICATIONS	\$ 25,000.00	\$ 1,213.22	\$ 1,567.98	\$ 2,831.23	\$ 20,955.55	16.18	
5420	TOWER LEASE	\$ 24,000.00	\$ 0.00	\$ 1,800.00	\$ 5,400.00	\$ 18,600.00	22.50	
5540	TRAVEL CONVENTION & EDUCATION	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,000.00	0.00	
5810	DUES & MEMBERSHIPS	\$ 300.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 300.00	0.00	
6001	OFFICE SUPPLIES	\$ 2,000.00	\$ 0.00	\$ 71.16	\$ 128.56	\$ 1,871.44	6.43	
6011	UNIFORM AND WEARING APPAREL	\$ 1,500.00	\$ 0.00	\$ 278.58	\$ 278.58	\$ 1,221.42	18.57	
6014	OTHER OPERATING SUPPLIES	\$ 300.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 300.00	0.00	
35600	COMMUNICATIONS	\$ 398,390.00	\$ 263,458.53	\$ 30,489.66	\$ 73,597.57	\$ 61,333.90	84.60	
3840	FUNC 42400 REFUSE DISPOSAL PURCHASED SERVICES	\$ 150,000.00	\$ 0.00	\$ 999.52	\$ 999.52	\$ 149,000.48	0.67	
6014	FUNC 42600 LITTER CONTROL PROGRAM OTHER OPERATING SUPPLIES	\$ 5,429.00	\$ 5,729.77	\$ 466.70	\$ 988.63	\$ 1,289.40	123.75	
3840	FUNC 42700 SANITATION PURCHASED SERVICES	\$ 24,000.00	\$ 0.00	\$ 2,156.62	\$ 2,156.62	\$ 21,843.38	8.99	
5699	CIVIC CONTRIBUTIONS (CCSA)	\$ 10,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 10,000.00	0.00	
42700	SANITATION	\$ 34,000.00	\$ 0.00	\$ 2,156.62	\$ 2,156.62	\$ 31,843.38	6.34	
1100	FUNC 43200 GENERAL PROPERTY MAINTENANCE SALARIES - REGULAR	\$ 166,936.00	\$ 121,892.34	\$ 13,931.63	\$ 26,279.29	\$ 18,764.37	88.76	
2100	FICA BENEFITS	\$ 12,694.00	\$ 8,392.14	\$ 975.72	\$ 1,830.27	\$ 2,471.59	80.53	
2210	VSRS BENEFITS	\$ 23,037.00	\$ 16,986.28	\$ 1,698.94	\$ 3,397.88	\$ 2,652.84	88.48	
2300	HEALTH INSURANCE BENEFITS	\$ 19,985.00	\$ 16,290.67	\$ 1,629.08	\$ 3,258.16	\$ 436.17	97.82	
2400	LIFE INSURANCE	\$ 467.00	\$ 345.72	\$ 34.59	\$ 69.18	\$ 52.10	88.84	
2700	WORKERS COMPENSATION INSURANCE	\$ 5,000.00	\$ 0.00	\$ 0.00	\$ 2,892.97	\$ 2,107.03	57.86	
3100	PROFESSIONAL SERVICES	\$ 600.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 600.00	0.00	
3310	REPAIR & MAINTENANCE	\$ 74,306.00	\$ 12,798.00	\$ 910.00	\$ 1,637.75	\$ 59,870.25	19.43	
3320	MAINTENANCE SERVICE CONTRACT	\$ 122,849.00	\$ 77,867.72	\$ 14,132.74	\$ 17,923.84	\$ 27,057.44	77.98	
3600	ADVERTISING	\$ 250.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 250.00	0.00	
5110	ELECTRICAL SERVICES	\$ 2,158.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,158.00	0.00	
5120	HEATING SERVICES	\$ 16,960.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 16,960.00	0.00	
5130	WATER & SEWAGE SERVICES	\$ 4,362.00	\$ 0.00	\$ 36.00	\$ 53.50	\$ 4,308.50	1.23	
5230	TELECOMMUNICATIONS	\$ 5,000.00	\$ 1,277.51	\$ 242.05	\$ 242.05	\$ 3,480.44	30.39	
5301	BOILER INSURANCE	\$ 3,560.00	\$ 0.00	\$ 0.00	\$ 2,991.00	\$ 569.00	84.02	
5302	FIRE INSURANCE	\$ 19,900.00	\$ 0.00	\$ 0.00	\$ 17,140.00	\$ 2,760.00	86.13	
5305	MOTOR VEHICLE INSURANCE	\$ 6,500.00	\$ 0.00	\$ 0.00	\$ 5,699.23	\$ 800.77	87.68	
5308	GENERAL LIABILITY INSURANCE	\$ 9,500.00	\$ 0.00	\$ 0.00	\$ 8,438.00	\$ 1,062.00	88.82	
5410	EQUIPMENT RENTAL	\$ 1,800.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,800.00	0.00	
5420	RENTAL/LEASE OF BUILDINGS	\$ 1,600.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,600.00	0.00	
5540	TRAVEL CONVENTION & EDUCATION	\$ 1,500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,500.00	0.00	
6003	AGRICULTURAL SUPPLIES	\$ 1,500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,500.00	0.00	
6005	LAUNDRY, HOUSEKEEPING, & JANITOR	\$ 11,000.00	\$ 8,902.00	\$ 0.00	\$ 1,098.00	\$ 1,000.00	90.91	
6007	REPAIR AND MAINTENANCE SUPPLIES	\$ 48,800.00	\$ 10,599.97	\$ 1,420.27	\$ 1,823.28	\$ 36,376.75	25.46	
6008	VEHICLE AND EQUIP FUEL	\$ 11,000.00	\$ 0.00	\$ 1,029.02	\$ 1,029.02	\$ 9,970.98	9.35	
6009	VEHICLE AND EQUIPMENT SUPPLIES	\$ 5,500.00	\$ 0.00	\$ 421.23	\$ 913.97	\$ 4,586.03	16.62	
6014	OTHER OPERATING SUPPLIES	\$ 1,500.00	\$ 0.00	\$ 0.00	\$ 14.35	\$ 1,485.65	0.96	
8201	MACHINERY & EQUIPMENT	\$ 5,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 5,000.00	0.00	
8202	FURNITURE & FIXTURES	\$ 1,500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,500.00	0.00	
43200	GENERAL PROPERTY MAINTENANCE	\$ 584,764.00	\$ 275,352.35	\$ 36,461.27	\$ 96,731.74	\$ 212,679.91	63.63	

CLARKE COUNTY
 FD-PJT-FUNC-OBJ EXPENDITURES SUMMARY REPORT DEFINITION TYPE #0
 for Fiscal Year 2012 (2011-2012 Fiscal Year)
 Posted Only Figures
 Executed By: gilleya

Page: 9
 Date: 09/09/11
 Time: 09:35:07

Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For	AUGUST	Expenditures Year-to-Date	Available Balance	Percent Used
3100	FUNC 43201 ENERGY IMPROVEMENTS PROFESSIONAL SERVICES	\$ 0.00	\$ 0.00	\$ 0.00		\$ 450.00	\$ 450.00	100.00
3310	FUNC 43202 101 CHALMERS COURT REPAIR & MAINTENANCE	\$ 1,544.00	\$ 1,000.00	\$ 43.89		\$ 43.89	\$ 500.11	67.61
3320	MAINTENANCE SERVICE CONTRACTS	\$ 29,681.00	\$ 20,210.77	\$ 7,727.55		\$ 9,469.58	\$ 0.65	100.00
5110	ELECTRICAL SERVICES	\$ 16,200.00	\$ 0.00	\$ 1,341.72		\$ 1,341.72	\$ 14,858.28	8.28
5130	WATER & SEWAGE SERVICES	\$ 1,000.00	\$ 0.00	\$ 77.38		\$ 77.38	\$ 922.62	7.74
6007	REPAIR AND MAINT SUPPLIES	\$ 5,000.00	\$ 0.00	\$ 956.74		\$ 956.74	\$ 4,043.26	19.13
43202	101 CHALMERS COURT	\$ 53,425.00	\$ 21,210.77	\$ 10,147.28		\$ 11,889.31	\$ 20,324.92	61.96
3310	FUNC 43205 129 RAMSBURG LN MAINTENANCE DEPT REPAIR & MAINTENANCE	\$ 1,500.00	\$ 1,000.00	\$ 0.00		\$ 0.00	\$ 500.00	66.67
5110	ELECTRICAL SERVICES	\$ 3,120.00	\$ 0.00	\$ 260.08		\$ 260.08	\$ 2,859.92	8.34
5130	WATER & SEWAGE SERVICES	\$ 150.00	\$ 0.00	\$ 14.00		\$ 14.00	\$ 136.00	9.33
43205	129 RAMSBURG LN MAINTENANCE DEPT	\$ 4,770.00	\$ 1,000.00	\$ 274.08		\$ 274.08	\$ 3,495.92	26.71
3310	FUNC 43206 100 N CHRUCH ST/RADIO TOWER REPAIR & MAINTENANCE	\$ 1,500.00	\$ 1,000.00	\$ 0.00		\$ 0.00	\$ 500.00	66.67
3320	MAINTENANCE SERVICE CONTRACTS	\$ 1,080.00	\$ 1,080.00	\$ 0.00		\$ 0.00	\$ 0.00	100.00
5110	ELECTRICAL SERVICES	\$ 10,500.00	\$ 0.00	\$ 854.49		\$ 854.49	\$ 9,645.51	8.14
5120	HEATING SERVICES	\$ 500.00	\$ 0.00	\$ 12.95		\$ 12.95	\$ 487.05	2.59
5130	WATER & SEWAGE SERVICES	\$ 2,500.00	\$ 0.00	\$ 306.91		\$ 316.91	\$ 2,183.09	12.68
6007	REPAIR AND MAINT SUPPLIES	\$ 100.00	\$ 0.00	\$ 4.72		\$ 4.72	\$ 95.28	4.72
43206	100 N CHRUCH ST/RADIO TOWER	\$ 16,180.00	\$ 2,080.00	\$ 1,179.07		\$ 1,189.07	\$ 12,910.93	20.20
3310	FUNC 43207 102 N CHRUCH ST REPAIR & MAINTENANCE	\$ 1,916.00	\$ 1,000.00	\$ 416.00		\$ 416.00	\$ 500.00	73.90
5110	ELECTRICAL SERVICES	\$ 21,000.00	\$ 0.00	\$ 1,707.95		\$ 1,707.95	\$ 19,292.05	8.13
6007	REPAIR AND MAINT SUPPLIES	\$ 3,000.00	\$ 0.00	\$ 139.08		\$ 1,124.84	\$ 1,875.16	37.49
43207	102 N CHRUCH ST	\$ 25,916.00	\$ 1,000.00	\$ 2,263.03		\$ 3,248.79	\$ 21,667.21	16.39
3310	FUNC 43208 104 N CHURCH/106 N CHURCH ST REPAIR & MAINTENANCE	\$ 3,392.00	\$ 1,000.00	\$ 1,891.06		\$ 1,891.06	\$ 500.94	85.23
3320	MAINTENANCE SERVICE CONTRACTS	\$ 2,620.00	\$ 1,320.00	\$ 1,300.00		\$ 1,300.00	\$ 0.00	100.00
5110	ELECTRICAL SERVICES	\$ 6,000.00	\$ 0.00	\$ 829.16		\$ 829.16	\$ 5,170.84	13.82
5120	HEATING SERVICES	\$ 500.00	\$ 0.00	\$ 12.23		\$ 12.23	\$ 487.77	2.45
5130	WATER & SEWAGE SERVICES	\$ 1,000.00	\$ 0.00	\$ 82.28		\$ 82.28	\$ 917.72	8.23
43208	104 N CHURCH/106 N CHURCH ST	\$ 13,512.00	\$ 2,320.00	\$ 4,114.73		\$ 4,114.73	\$ 7,077.27	47.62
3310	FUNC 43209 225 RAMSBURG LANE ANIMAL SHELTER PROFESSIONAL SERVICES	\$ 1,760.00	\$ 1,000.00	\$ 0.00		\$ 260.00	\$ 500.00	71.59
5110	ELECTRICAL SERVICES	\$ 5,300.00	\$ 0.00	\$ 595.78		\$ 595.78	\$ 4,704.22	11.24
5120	HEATING SERVICES	\$ 10,000.00	\$ 0.00	\$ 1,507.92		\$ 1,507.92	\$ 8,492.08	15.08
6007	REPAIR AND MAINT SUPPLIES	\$ 1,000.00	\$ 0.00	\$ 81.06		\$ 81.06	\$ 918.94	8.11
43209	225 RAMSBURG LANE ANIMAL SHELTER	\$ 18,060.00	\$ 1,000.00	\$ 2,184.76		\$ 2,444.76	\$ 14,615.24	19.07
3310	FUNC 43210 524 WESTWOOD RD REPAIR & MAINTENANCE	\$ 1,500.00	\$ 1,000.00	\$ 0.00		\$ 0.00	\$ 500.00	66.67
3310	FUNC 43211 225 AL SMITH CIR REC CENTER REPAIR & MAINTENANCE	\$ 1,500.00	\$ 1,000.00	\$ 0.00		\$ 0.00	\$ 500.00	66.67

CLARKE COUNTY
 FD-PJT-FUNC-OBJ EXPENDITURES SUMMARY REPORT DEFINITION TYPE #0
 for Fiscal Year 2012 (2011-2012 Fiscal Year)
 Posted Only Figures
 Executed By: gilleya

Page: 10
 Date: 09/09/11
 Time: 09:35:07

Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For	Expenditures AUGUST	Expenditures Year-to-Date	Available Balance	Percent Used
5110	ELECTRICAL SERVICES	\$ 12,000.00	\$ 0.00	\$ 1,777.04	\$ 1,777.04	\$ 1,777.04	\$ 10,222.96	14.81
5130	WATER & SEWAGE SERVICES	\$ 1,300.00	\$ 0.00	\$ 182.00	\$ 182.00	\$ 182.00	\$ 1,118.00	14.00
43211	225 AL SMITH CIR REC CENTER	\$ 14,800.00	\$ 1,000.00	\$ 1,959.04	\$ 1,959.04	\$ 1,959.04	\$ 11,840.96	19.99
	FUNC 43212 225 AL SMITH CIR PARK OFFICE/GROUNDS							
3310	REPAIR & MAINTENANCE	\$ 2,602.00	\$ 662.50	\$ 1,158.50	\$ 1,439.50	\$ 1,439.50	\$ 500.00	80.78
5110	ELECTRICAL SERVICES	\$ 3,000.00	\$ 0.00	\$ 270.35	\$ 270.35	\$ 270.35	\$ 2,729.65	9.01
5130	WATER & SEWAGE SERVICES	\$ 3,800.00	\$ 0.00	\$ 631.58	\$ 631.58	\$ 631.58	\$ 3,168.42	16.62
6007	REPAIR AND MAINT SUPPLIES	\$ 3,500.00	\$ 0.00	\$ 967.55	\$ 967.55	\$ 967.55	\$ 2,532.45	27.64
43212	225 AL SMITH CIR PARK OFFICE/GRO	\$ 12,902.00	\$ 662.50	\$ 3,027.98	\$ 3,308.98	\$ 3,308.98	\$ 8,930.52	30.78
	FUNC 43213 225 AL SMITH CIR POOL							
3310	REPAIR & MAINTENANCE	\$ 1,500.00	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	66.67
5110	ELECTRICAL SERVICES	\$ 5,000.00	\$ 0.00	\$ 851.49	\$ 851.49	\$ 851.49	\$ 4,148.51	17.03
5130	WATER & SEWAGE SERVICES	\$ 6,000.00	\$ 0.00	\$ 3,023.79	\$ 3,023.79	\$ 3,023.79	\$ 2,976.21	50.40
6007	REPAIR AND MAINT SUPPLIES	\$ 3,500.00	\$ 0.00	\$ 2,106.17	\$ 2,124.73	\$ 2,124.73	\$ 1,375.27	60.71
43213	225 AL SMITH CIR POOL	\$ 16,000.00	\$ 1,000.00	\$ 5,981.45	\$ 6,000.01	\$ 6,000.01	\$ 8,999.99	43.75
	FUNC 43215 225 AL SMITH CIR SOCCER							
5110	ELECTRICAL SERVICES	\$ 500.00	\$ 0.00	\$ 28.45	\$ 28.45	\$ 28.45	\$ 471.55	5.69
	FUNC 43232 32 E MAIN ST							
3310	REPAIR & MAINTENANCE	\$ 1,500.00	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	66.67
	FUNC 43236 36 E MAIN ST							
3310	REPAIR & MAINTENANCE	\$ 1,500.00	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	66.67
5110	ELECTRICAL SERVICES	\$ 600.00	\$ 0.00	\$ 53.62	\$ 53.62	\$ 53.62	\$ 546.38	8.94
43236	36 E MAIN ST	\$ 2,100.00	\$ 1,000.00	\$ 53.62	\$ 53.62	\$ 53.62	\$ 1,046.38	50.17
	FUNC 43237 311 E MAIN ST							
3310	REPAIR & MAINTENANCE	\$ 1,500.00	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	66.67
3320	MAINTENANCE SERVICE CONTRACTS	\$ 1,320.00	\$ 1,320.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	100.00
5110	ELECTRICAL SERVICES	\$ 6,000.00	\$ 0.00	\$ 663.90	\$ 663.90	\$ 663.90	\$ 5,336.10	11.06
5130	WATER & SEWAGE SERVICES	\$ 1,000.00	\$ 0.00	\$ 82.28	\$ 82.28	\$ 82.28	\$ 917.72	8.23
6007	REPAIR AND MAINT SUPPLIES	\$ 100.00	\$ 0.00	\$ 0.00	\$ 30.68	\$ 30.68	\$ 69.32	30.68
43237	311 E MAIN ST	\$ 9,920.00	\$ 2,320.00	\$ 746.18	\$ 776.86	\$ 776.86	\$ 6,823.14	31.22
	FUNC 51100 LOCAL HEALTH DEPARTMENT							
5610	CIVIC CONTRIBUTIONS	\$ 199,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 199,000.00	0.00
	FUNC 51200 OUR HEALTH							
5699	CIVIC CONTRIBUTIONS	\$ 6,500.00	\$ 0.00	\$ 1,625.00	\$ 1,625.00	\$ 1,625.00	\$ 4,875.00	25.00
	FUNC 52500 NORTHWESTERN COMMUNITY SERVICES							
5620	CIVIC CONTRIBUTIONS	\$ 82,000.00	\$ 0.00	\$ 0.00	\$ 20,500.00	\$ 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	\$ 1,000.00	\$ 0.00	100.00
	FUNC 52900 NW WORKS							
5699	CIVIC CONTRIBUTIONS	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,000.00	0.00
	FUNC 53230 SHENANDOAH AREA AGENCY ON AGING							
5699	CIVIC CONTRIBUTIONS	\$ 35,000.00	\$ 0.00	\$ 0.00	\$ 8,750.00	\$ 8,750.00	\$ 26,250.00	25.00

CLARKE COUNTY
 FD-PJT-FUNC-OBJ EXPENDITURES SUMMARY REPORT DEFINITION TYPE #0
 for Fiscal Year 2012 (2011-2012 Fiscal Year)
 Posted Only Figures
 Executed By: gilleya

Page: 11
 Date: 09/09/11
 Time: 09:35:07

Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For	Expenditures AUGUST	Expenditures Year-to-Date	Available Balance	Percent Used
5699	FUNC 53240 VIRGINIA REGIONAL TRANSIT CIVIC CONTRIBUTIONS	\$ 17,639.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 4,409.75	\$ 13,229.25	25.00
5699	FUNC 53500 THE LAUREL CENTER (SHELTER FOR ABUSED WOMEN) CIVIC CONTRIBUTIONS	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,000.00	0.00
5699	FUNC 53600 ACCESS INDEPENDENCE CIVIC CONTRIBUTIONS	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,000.00	0.00
5699	FUNC 69100 LORD FAIRFAX COMMUNITY COLLEGE CIVIC CONTRIBUTIONS	\$ 15,043.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 15,043.00	0.00
1100	FUNC 71100 PARKS ADMINISTRATION SALARIES - REGULAR	\$ 217,049.00	\$ 179,850.75	\$ 20,337.41	\$ 38,424.82	\$ 1,226.57		100.57
1300	SALARIES - PART TIME	\$ 13,356.00	\$ 0.00	\$ 2,094.38	\$ 4,190.82	\$ 9,165.18		31.38
2100	FICA BENEFITS	\$ 17,626.00	\$ 13,329.52	\$ 1,575.51	\$ 2,979.06	\$ 1,317.42		92.53
2210	VSRS BENEFITS	\$ 29,953.00	\$ 24,960.64	\$ 2,496.06	\$ 4,992.12	\$ 0.24		100.00
2300	HEALTH INSURANCE BENEFITS	\$ 24,310.00	\$ 21,069.88	\$ 2,099.99	\$ 4,199.98	\$ 959.86		103.95
2400	LIFE INSURANCE	\$ 608.00	\$ 506.45	\$ 50.64	\$ 101.28	\$ 0.27		99.96
2700	WORKERS COMPENSATION INSURANCE	\$ 5,200.00	\$ 0.00	\$ 0.00	\$ 6,592.02	\$ 1,392.02		126.77
3320	MAINTENANCE SERVICE CONTRACT	\$ 4,772.00	\$ 2,479.88	\$ 420.12	\$ 3,192.12	\$ 900.00		118.86
3500	PRINTING AND BINDING	\$ 1,150.00	\$ 0.00	\$ 75.00	\$ 307.92	\$ 842.08		26.78
3600	ADVERTISING	\$ 1,190.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,190.00		0.00
5210	POSTAL SERVICES	\$ 6,260.00	\$ 2,381.10	\$ 190.00	\$ 1,380.55	\$ 2,498.35		60.09
5230	TELECOMMUNICATIONS	\$ 3,961.00	\$ 0.00	\$ 109.04	\$ 109.04	\$ 3,851.96		2.75
5400	LEASES AND RENTALS	\$ 530.00	\$ 0.00	\$ 139.31	\$ 147.71	\$ 382.29		27.87
5510	TRAVEL MILEAGE	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00		0.00
5540	TRAVEL CONVENTION & EDUCATION	\$ 2,000.00	\$ 0.00	\$ 30.00	\$ 89.00	\$ 1,911.00		4.45
5810	DUES & MEMBERSHIPS	\$ 1,775.00	\$ 0.00	\$ 282.00	\$ 342.00	\$ 1,433.00		19.27
6001	OFFICE SUPPLIES	\$ 2,500.00	\$ 0.00	\$ 276.28	\$ 337.88	\$ 2,162.12		13.52
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	\$ 225.85	\$ 225.85	\$ 1,774.15		11.29
6011	UNIFORM AND WEARING APPAREL	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,000.00		0.00
6014	OTHER OPERATING SUPPLIES	\$ 1,650.00	\$ 0.00	\$ 402.75	\$ 402.75	\$ 1,247.25		24.41
71100	PARKS ADMINISTRATION	\$ 338,080.00	\$ 244,578.22	\$ 30,804.34	\$ 68,014.92	\$ 25,486.86		92.46
1100	FUNC 71310 CLARKE COUNTY RECREATION CENTER SALARIES - REGULAR	\$ 40,383.00	\$ 33,202.50	\$ 3,815.25	\$ 7,180.50	\$ 0.00		100.00
1300	SALARIES - PART TIME	\$ 25,809.00	\$ 0.00	\$ 2,485.08	\$ 4,341.22	\$ 21,467.78		16.82
2100	FICA BENEFITS	\$ 5,064.00	\$ 2,513.48	\$ 479.45	\$ 876.37	\$ 1,674.15		66.94
2210	VSRS BENEFITS	\$ 5,573.00	\$ 4,644.05	\$ 464.40	\$ 928.80	\$ 0.15		100.00
2300	HEALTH INSURANCE BENEFITS	\$ 4,862.00	\$ 4,051.62	\$ 405.19	\$ 810.38	\$ 0.00		100.00
2400	LIFE INSURANCE	\$ 113.00	\$ 94.23	\$ 9.42	\$ 18.84	\$ 0.07		100.06
2700	WORKERS COMPENSATION INSURANCE	\$ 1,300.00	\$ 0.00	\$ 0.00	\$ 554.29	\$ 745.71		42.64
3600	ADVERTISING	\$ 550.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 550.00		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	\$ 2,240.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,240.00		0.00
6014	OTHER OPERATING SUPPLIES	\$ 3,230.00	\$ 0.00	\$ 84.42	\$ 84.42	\$ 3,145.58		2.61
6015	MERCHANDISE FOR RESALE	\$ 10,000.00	\$ 0.00	\$ 125.40	\$ 125.40	\$ 9,874.60		1.25
71310	CLARKE COUNTY RECREATION CENTER	\$ 101,994.00	\$ 44,505.88	\$ 7,868.61	\$ 14,920.22	\$ 42,567.90		58.26
1300	FUNC 71320 SWIMMING POOL SALARIES - PART TIME	\$ 60,251.00	\$ 0.00	\$ 18,375.05	\$ 38,304.91	\$ 21,946.09		63.58

CLARKE COUNTY
 FD-PJT-FUNC-OBJ EXPENDITURES SUMMARY REPORT DEFINITION TYPE #0
 for Fiscal Year 2012 (2011-2012 Fiscal Year)
 Posted Only Figures
 Executed By: gilleya

Page: 12
 Date: 09/09/11
 Time: 09:35:07

Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For	AUGUST	Expenditures Year-to-Date	Available Balance	Percent Used
2100	FICA BENEFITS	\$ 4,610.00	\$ 0.00	\$ 1,338.70	\$	2,810.48	\$ 1,799.52	60.96
2700	WORKERS COMPENSATION INSURANCE	\$ 1,300.00	\$ 0.00	\$ 0.00	\$	0.00	\$ 1,300.00	0.00
3100	PROFESSIONAL SERVICES	\$ 2,900.00	\$ 1,330.00	\$ 75.00	\$	145.00	\$ 1,425.00	50.86
5810	DUES & MEMBERSHIPS	\$ 2,375.00	\$ 830.00	\$ 1,455.00	\$	1,455.00	\$ 90.00	96.21
5830	REFUNDS	\$ 500.00	\$ 0.00	\$ 0.00	\$	0.00	\$ 500.00	0.00
6011	UNIFORM AND WEARING APPAREL	\$ 1,143.00	\$ 0.00	\$ 0.00	\$	400.00	\$ 743.00	35.00
6013	EDUCATIONAL AND RECREATIONAL SUP	\$ 1,200.00	\$ 0.00	\$ 256.80	\$	619.30	\$ 580.70	51.61
6014	OTHER OPERATING SUPPLIES	\$ 2,000.00	\$ 0.00	\$ 184.12	\$	215.08	\$ 1,784.92	10.75
6015	MERCHANDISE FOR RESALE	\$ 2,400.00	\$ 0.00	\$ 0.00	\$	0.00	\$ 2,400.00	0.00
6026	POOL CHEMICALS	\$ 10,000.00	\$ 0.00	\$ 3,269.44	\$	3,455.64	\$ 6,544.36	34.56
71320	SWIMMING POOL	\$ 88,679.00	\$ 2,160.00	\$ 24,954.11	\$	47,405.41	\$ 39,113.59	55.89
	FUNC 71330 CONCESSION STAND							
1300	SALARIES/WAGES - PART TIME	\$ 4,400.00	\$ 0.00	\$ 1,627.08	\$	3,314.15	\$ 1,085.85	75.32
2100	FICA	\$ 337.00	\$ 0.00	\$ 124.47	\$	253.53	\$ 83.47	75.23
6001	OFFICE SUPPLIES	\$ 500.00	\$ 0.00	\$ 0.00	\$	0.00	\$ 500.00	0.00
6015	MERCHANDISE FOR RESALE	\$ 16,000.00	\$ 0.00	\$ 3,418.79	\$	6,633.26	\$ 9,366.74	41.46
71330	CONCESSION STAND	\$ 21,237.00	\$ 0.00	\$ 5,170.34	\$	10,200.94	\$ 11,036.06	48.03
	FUNC 71350 PROGRAMS							
1100	SALARIES/WAGES - REGULAR	\$ 31,641.00	\$ 25,917.50	\$ 3,086.75	\$	5,723.50	\$ 0.00	100.00
1300	SALARIES - PART TIME	\$ 94,500.00	\$ 0.00	\$ 14,186.67	\$	29,953.68	\$ 64,546.32	31.70
2100	FICA BENEFITS	\$ 9,650.00	\$ 1,983.68	\$ 1,321.53	\$	2,729.49	\$ 4,936.83	48.84
2210	VSRS	\$ 4,366.00	\$ 3,638.72	\$ 363.87	\$	727.74	\$ 0.46	100.01
2400	LIFE INSURANCE	\$ 89.00	\$ 73.83	\$ 7.38	\$	14.76	\$ 0.41	99.54
2700	WORKERS COMPENSATION BENEFITS	\$ 3,000.00	\$ 0.00	\$ 0.00	\$	707.44	\$ 2,292.56	23.58
3100	PROFESSIONAL SERVICES	\$ 40,000.00	\$ 45,940.30	\$ 1,253.00	\$	8,523.00	\$ 14,463.30	136.16
3500	PRINTING AND BINDING	\$ 9,000.00	\$ 2,001.00	\$ 0.00	\$	0.00	\$ 6,999.00	22.23
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	\$ 86.10	\$	86.10	\$ 1,413.90	5.74
5540	TRAVEL CONVENTION & EDUCATION	\$ 500.00	\$ 0.00	\$ 0.00	\$	0.00	\$ 500.00	0.00
5560	GROUP TRIPS	\$ 15,000.00	\$ 0.00	\$ 687.12	\$	1,291.25	\$ 13,708.75	8.61
5810	DUES & MEMBERSHIPS	\$ 500.00	\$ 0.00	\$ 0.00	\$	0.00	\$ 500.00	0.00
5830	REFUNDS	\$ 7,500.00	\$ 0.00	\$ 943.00	\$	1,473.00	\$ 6,027.00	19.64
6001	OFFICE SUPPLIES	\$ 100.00	\$ 0.00	\$ 0.00	\$	0.00	\$ 100.00	0.00
6002	FOOD SUPPLIES & FOOD SERVICE SUP	\$ 6,500.00	\$ 0.00	\$ 1,039.00	\$	1,630.59	\$ 4,869.41	25.09
6011	UNIFORM AND WEARING APPAREL	\$ 3,000.00	\$ 0.00	\$ 48.00	\$	240.25	\$ 2,759.75	8.01
6013	EDUCATIONAL AND RECREATIONAL SUP	\$ 6,200.00	\$ 0.00	\$ 325.07	\$	715.80	\$ 5,484.20	11.55
6014	OTHER OPERATING SUPPLIES	\$ 5,000.00	\$ 0.00	\$ 516.24	\$	516.24	\$ 4,483.76	10.32
6015	MERCHANDISE FOR RESALE	\$ 6,000.00	\$ 1,590.00	\$ 870.00	\$	870.00	\$ 3,540.00	41.00
71350	PROGRAMS	\$ 245,846.00	\$ 81,145.03	\$ 24,733.73	\$	55,202.84	\$ 109,498.13	55.46
	FUNC 72600 VIRGINIA COMMISSION FOR THE ARTS							
5699	CIVIC CONTRIBUTIONS	\$ 10,000.00	\$ 0.00	\$ 0.00	\$	10,000.00	\$ 0.00	100.00
	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	\$ 270,161.00	\$ 223,109.12	\$ 24,538.44	\$	47,051.88	\$ 0.00	100.00
2100	FICA BENEFITS	\$ 20,668.00	\$ 16,430.22	\$ 1,844.10	\$	3,533.29	\$ 704.49	96.59
2210	VSRS BENEFITS	\$ 37,282.00	\$ 31,068.50	\$ 3,106.86	\$	6,213.72	\$ 0.22	100.00
2300	HEALTH INSURANCE BENEFITS	\$ 21,879.00	\$ 18,603.75	\$ 1,860.38	\$	3,720.76	\$ 445.51	102.04
2400	LIFE INSURANCE	\$ 756.00	\$ 630.37	\$ 63.04	\$	126.08	\$ 0.45	100.06
2700	WORKERS COMPENSATION INSURANCE	\$ 2,700.00	\$ 0.00	\$ 0.00	\$	3,562.37	\$ 862.37	131.94

CLARKE COUNTY
 FD-PJT-FUNC-OBJ EXPENDITURES SUMMARY REPORT DEFINITION TYPE #0
 for Fiscal Year 2012 (2011-2012 Fiscal Year)
 Posted Only Figures
 Executed By: gilleya

Page: 13
 Date: 09/09/11
 Time: 09:35:07

Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For	Expenditures AUGUST	Expenditures Year-to-Date	Available Balance	Percent Used
3100	PROFESSIONAL SERVICES	\$ 50,755.00	\$ 0.00	\$ 476.00	\$ 476.00	\$ 476.00	\$ 50,279.00	0.94
3140	ENGINEERING REVIEW EXPENDITURES	\$ 5,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 5,000.00	0.00
3320	MAINTENANCE SERVICE CONTRACT	\$ 700.00	\$ 312.94	\$ 0.00	\$ 0.00	\$ 0.00	\$ 387.06	44.71
3500	PRINTING AND BINDING	\$ 3,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 3,000.00	0.00
3600	ADVERTISING	\$ 2,000.00	\$ 0.00	\$ 628.36	\$ 628.36	\$ 628.36	\$ 1,371.64	31.42
5210	POSTAL SERVICES	\$ 1,500.00	\$ 0.00	\$ 56.65	\$ 63.08	\$ 63.08	\$ 1,436.92	4.21
5230	TELECOMMUNICATIONS	\$ 400.00	\$ 0.00	\$ 12.50	\$ 12.50	\$ 12.50	\$ 387.50	3.12
5510	TRAVEL MILEAGE	\$ 1,500.00	\$ 0.00	\$ 108.36	\$ 146.10	\$ 146.10	\$ 1,353.90	9.74
5540	TRAVEL CONVENTION & EDUCATION	\$ 2,000.00	\$ 0.00	\$ 153.10	\$ 153.10	\$ 153.10	\$ 1,846.90	7.66
5810	DUES & MEMBERSHIPS	\$ 750.00	\$ 0.00	\$ 35.00	\$ 35.00	\$ 35.00	\$ 715.00	4.67
6001	OFFICE SUPPLIES	\$ 2,500.00	\$ 0.00	\$ 229.49	\$ 281.15	\$ 281.15	\$ 2,218.85	11.25
6012	BOOKS AND SUBSCRIPTIONS	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,000.00	0.00
8202	FURNITURE & FIXTURES	\$ 0.00	\$ 340.03	\$ 0.00	\$ 0.00	\$ 0.00	\$ 340.03	100.00
81110	PLANNING ADMINISTRATION	\$ 425,551.00	\$ 290,494.93	\$ 33,112.28	\$ 66,003.39	\$ 66,003.39	\$ 69,052.68	83.77
5699	FUNC 81300 HELP WITH HOUSING CIVIC CONTRIBUTIONS	\$ 7,200.00	\$ 0.00	\$ 0.00	\$ 1,800.00	\$ 1,800.00	\$ 5,400.00	25.00
1300	FUNC 81400 BOARD OF ZONING APPEALS SALARIES - PART TIME	\$ 250.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 250.00	0.00
2100	FICA	\$ 20.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 20.00	0.00
3100	PROFESSIONAL SERVICES	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,000.00	0.00
3160	BOARD SERVICES	\$ 500.00	\$ 0.00	\$ 0.00	\$ 100.00	\$ 100.00	\$ 400.00	20.00
3600	ADVERTISING	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
5210	POSTAL SERVICES	\$ 200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 200.00	0.00
5810	DUES & MEMBERSHIPS	\$ 150.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 150.00	0.00
81400	BOARD OF ZONING APPEALS	\$ 3,620.00	\$ 0.00	\$ 0.00	\$ 100.00	\$ 100.00	\$ 3,520.00	2.76
1100	FUNC 81510 OFFICE OF ECONOMIC DEVELOPMENT SALARIES AND WAGES - REGULAR	\$ 30,943.00	\$ 25,560.88	\$ 2,803.56	\$ 5,382.12	\$ 5,382.12	\$ 0.00	100.00
2100	FICA	\$ 2,367.00	\$ 1,959.70	\$ 214.96	\$ 412.71	\$ 412.71	\$ 5.41	100.23
2210	VRSRS	\$ 4,270.00	\$ 3,558.45	\$ 355.84	\$ 711.68	\$ 711.68	\$ 0.13	100.00
2300	HOSPITAL/MEDICAL PLANS	\$ 2,431.00	\$ 2,025.82	\$ 202.59	\$ 405.18	\$ 405.18	\$ 0.00	100.00
2400	LIFE INSURANCE	\$ 87.00	\$ 72.20	\$ 7.22	\$ 14.44	\$ 14.44	\$ 0.36	99.59
3100	PROFESSIONAL SERVICES	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,000.00	0.00
3500	PRINTING AND BINDING	\$ 500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 500.00	0.00
3600	ADVERTISING	\$ 200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 200.00	0.00
5210	POSTAGE	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
5230	TELECOMMUNICATIONS	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
5800	MISCELLANEOUS	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	100.00
5810	DUES & MEMBERSHIPS	\$ 200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 200.00	0.00
6001	OFFICE SUPPLIES	\$ 400.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 400.00	0.00
81510	OFFICE OF ECONOMIC DEVELOPMENT	\$ 42,598.00	\$ 33,177.05	\$ 3,584.17	\$ 7,926.13	\$ 7,926.13	\$ 1,494.82	96.49
3100	FUNC 81520 BERRYVILLE DEVELOPMENT AUTHORITY PROFESSIONAL SERVICES	\$ 10,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 10,000.00	0.00
3160	BOARD SERVICES	\$ 1,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,000.00	0.00
3600	ADVERTISING	\$ 500.00	\$ 0.00	\$ 383.40	\$ 383.40	\$ 383.40	\$ 116.60	76.68
5210	POSTAL SERVICES	\$ 100.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 100.00	0.00
5307	PUBLIC OFFICIAL LIABILITY INS.	\$ 200.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 200.00	0.00
81520	BERRYVILLE DEVELOPMENT AUTHORITY	\$ 11,800.00	\$ 0.00	\$ 383.40	\$ 383.40	\$ 383.40	\$ 11,416.60	3.25
5699	FUNC 81530 SMALL BUSINESS DEVELOPMENT CENTER CIVIC CONTRIBUTIONS	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 2,000.00	\$ 2,000.00	\$ 0.00	100.00

CLARKE COUNTY
 FD-PJT-FUNC-OBJ EXPENDITURES SUMMARY REPORT DEFINITION TYPE #0
 for Fiscal Year 2012 (2011-2012 Fiscal Year)
 Posted Only Figures
 Executed By: gilleya

Page: 14
 Date: 09/09/11
 Time: 09:35:07

Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For	AUGUST	Expenditures Year-to-Date	Available Balance	Percent Used
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		\$ 0.00	\$ 500.00	0.00
2100	FICA	\$ 38.00	\$ 0.00	\$ 0.00		\$ 0.00	\$ 38.00	0.00
2700	Worker's Compensation	\$ 2.00	\$ 0.00	\$ 0.00		\$ 0.00	\$ 2.00	0.00
3100	PROFESSIONAL SERVICES	\$ 10,000.00	\$ 0.00	\$ 0.00		\$ 0.00	\$ 10,000.00	0.00
3160	BOARD SERVICES	\$ 13,000.00	\$ 0.00	\$ 0.00		\$ 325.00	\$ 12,675.00	2.50
3600	ADVERTISING	\$ 1,600.00	\$ 0.00	\$ 0.00		\$ 0.00	\$ 1,600.00	0.00
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		\$ 0.00	\$ 500.00	0.00
5810	DUES & MEMBERSHIPS	\$ 650.00	\$ 0.00	\$ 0.00		\$ 0.00	\$ 650.00	0.00
81600	PLANNING COMMISSION	\$ 26,390.00	\$ 0.00	\$ 0.00		\$ 325.00	\$ 26,065.00	1.23
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	\$ 40,500.00	\$ 0.00	\$ 412.50		\$ 412.50	\$ 40,087.50	1.02
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		\$ 0.00	\$ 250.00	0.00
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	\$ 42,500.00	\$ 0.00	\$ 412.50		\$ 412.50	\$ 42,087.50	0.97
FUNC 81910 NORTHERN SHENANDOAH VALLEY REGIONAL COMM								
5699	CIVIC CONTRIBUTIONS	\$ 10,310.00	\$ 0.00	\$ 0.00		\$ 8,191.92	\$ 2,118.08	79.46
FUNC 81920 REGIONAL AIRPORT AUTHORITY								
5699	CIVIC CONTRIBUTIONS	\$ 5,000.00	\$ 0.00	\$ 1,250.00		\$ 1,250.00	\$ 3,750.00	25.00
FUNC 82200 FRIENDS OF THE SHENANDOAH								
5699	CIVIC CONTRIBUTIONS	\$ 4,000.00	\$ 0.00	\$ 0.00		\$ 0.00	\$ 4,000.00	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	\$ 12,229.00	\$ 0.00	\$ 1,843.00		\$ 3,429.50	\$ 8,799.50	28.04
2100	FICA	\$ 935.00	\$ 0.00	\$ 140.99		\$ 262.35	\$ 672.65	28.06
2700	WORKERS COMPENSATION INSURANCE	\$ 200.00	\$ 0.00	\$ 0.00		\$ 267.60	\$ 67.60	133.80
3100	PROFESSIONAL SERVICES	\$ 400.00	\$ 0.00	\$ 0.00		\$ 0.00	\$ 400.00	0.00
5230	TELECOMMUNICATIONS	\$ 400.00	\$ 0.00	\$ 35.02		\$ 35.02	\$ 364.98	8.76
5510	TRAVEL MILEAGE	\$ 4,837.00	\$ 0.00	\$ 460.11		\$ 652.38	\$ 4,184.62	13.49
82600	BIO-SOLIDS APPLICATION	\$ 19,001.00	\$ 0.00	\$ 2,479.12		\$ 4,646.85	\$ 14,354.15	24.46
FUNC 83100 COOPERATIVE EXTENSION								

CLARKE COUNTY
 FD-PJT-FUNC-OBJ EXPENDITURES SUMMARY REPORT DEFINITION TYPE #0
 for Fiscal Year 2012 (2011-2012 Fiscal Year)
 Posted Only Figures
 Executed By: gilleya

Page: 15
 Date: 09/09/11
 Time: 09:35:07

Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For	AUGUST	Expenditures Year-to-Date	Available Balance	Percent Used
1100	SALARIES - REGULAR	\$ 16,398.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 16,398.00	0.00
2100	FICA BENEFITS	\$ 1,255.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 1,255.00	0.00
2210	VSRS BENEFITS	\$ 2,263.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,263.00	0.00
2300	HEALTH INSURANCE BENEFITS	\$ 2,431.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,431.00	0.00
2400	LIFE INSURANCE	\$ 46.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 46.00	0.00
2700	WORKERS COMPENSATION INSURANCE	\$ 40.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 31.44	\$ 8.56	78.60
3320	MAINTENANCE SERVICE CONTRACTS	\$ 1,000.00	\$ 65.08	\$ 0.00	\$ 0.00	\$ 0.00	\$ 934.92	6.51
3841	VPI EXTENSION AGENT	\$ 20,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 20,000.00	0.00
5230	TELECOMMUNICATIONS	\$ 500.00	\$ 0.00	\$ 27.89	\$ 27.89	\$ 27.89	\$ 472.11	5.58
6014	OTHER OPERATING SUPPLIES	\$ 3,180.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 3,180.00	0.00
83100	COOPERATIVE EXTENSION	\$ 47,113.00	\$ 65.08	\$ 27.89	\$ 27.89	\$ 59.33	\$ 46,988.59	0.26
5699	FUNC 83400 4-H CENTER CIVIC CONTRIBUTIONS	\$ 3,000.00	\$ 0.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 0.00	100.00
1000	PERSONNEL	\$ 20,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 20,000.00	0.00
3140	ENGINEERING & ARCHITECTURAL	\$ 20,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 20,000.00	0.00
3150	LEGAL	\$ 25,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 25,000.00	0.00
8000	MINOR CAPITAL	\$ 20,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 20,000.00	0.00
91600	CONTINGENCIES	\$ 85,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 85,000.00	0.00
000	NON-CATEGORICAL	\$ 7,925,927.00	\$ 3,801,972.85	\$ 565,269.39	\$ 565,269.39	\$ 1,422,805.60	\$ 2,701,148.55	65.92
PJT 111 E911								
FUNC 35610								
5230	TELECOMMUNICATIONS	\$ 9,600.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 9,600.00	0.00
6032	TRAINING MATERIALS	\$ 2,000.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,000.00	0.00
35610		\$ 11,600.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 11,600.00	0.00
111	E911	\$ 11,600.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 11,600.00	0.00
PJT 126 V-STOP GRANT								
FUNC 22100 COMMONWEALTH'S ATTORNEY								
1100	SALARIES/WAGES - REGULAR	\$ 19,980.00	\$ 16,510.04	\$ 1,805.14	\$ 1,805.14	\$ 3,470.19	\$ 0.23	100.00
1300	SALARIES/WAGES - PART TIME	\$ 4,634.00	\$ 3,937.37	\$ 461.83	\$ 461.83	\$ 861.76	\$ 165.13	103.56
2100	FICA	\$ 1,897.00	\$ 1,562.35	\$ 173.21	\$ 173.21	\$ 330.99	\$ 3.66	99.81
2210	VSRS	\$ 3,420.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 3,420.00	0.00
2300	HEALTH INSURANCE	\$ 755.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 755.00	0.00
2400	GROUP LIFE	\$ 69.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 69.00	0.00
22100	COMMONWEALTH'S ATTORNEY	\$ 30,755.00	\$ 22,009.76	\$ 2,440.18	\$ 2,440.18	\$ 4,662.94	\$ 4,082.30	86.73
126	V-STOP GRANT	\$ 30,755.00	\$ 22,009.76	\$ 2,440.18	\$ 2,440.18	\$ 4,662.94	\$ 4,082.30	86.73
PJT 127 FEDERAL GANG TASK FORCE GRANT								
FUNC 31200 SHERIFF								
1100	SALARIES/WAGES - REGULAR	\$ 43,823.00	\$ 36,069.16	\$ 4,101.92	\$ 4,101.92	\$ 7,753.84	\$ 0.00	100.00
1300	SALARIES/WAGES - OVERTIME	\$ 3,631.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 3,631.00	0.00
2100	FICA	\$ 3,630.00	\$ 2,325.61	\$ 272.50	\$ 272.50	\$ 510.58	\$ 793.81	78.13
2210	VSRS	\$ 6,048.00	\$ 5,039.65	\$ 503.96	\$ 503.96	\$ 1,007.92	\$ 0.43	99.99
2300	HOSPITAL/MEDICAL PLANS	\$ 7,746.00	\$ 6,455.00	\$ 645.50	\$ 645.50	\$ 1,291.00	\$ 0.00	100.00
2400	LIFE INSURANCE	\$ 123.00	\$ 102.24	\$ 10.23	\$ 10.23	\$ 20.46	\$ 0.30	99.76

CLARKE COUNTY
 FD-PJT-FUNC-OBJ EXPENDITURES SUMMARY REPORT DEFINITION TYPE #0
 for Fiscal Year 2012 (2011-2012 Fiscal Year)
 Posted Only Figures
 Executed By: gilleya

Page: 16
 Date: 09/09/11
 Time: 09:35:08

Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For AUGUST	Expenditures Year-to-Date	Available Balance	Percent Used
2700	WORKER'S COMPENSATION	\$ 0.00	\$ 0.00	\$ 0.00	\$ 565.27	\$ 565.27	100.00
31200	SHERIFF	\$ 65,001.00	\$ 49,991.66	\$ 5,534.11	\$ 11,149.07	\$ 3,860.27	94.06
127	FEDERAL GANG TASK FORCE GRANT	\$ 65,001.00	\$ 49,991.66	\$ 5,534.11	\$ 11,149.07	\$ 3,860.27	94.06
PJT 402 DMV 402 GRANT							
FUNC 31200 SHERIFF							
1300	SALARIES/WAGES - PART TIME	\$ 4,410.00	\$ 0.00	\$ 862.86	\$ 1,292.86	\$ 3,117.14	29.32
2100	FICA	\$ 335.00	\$ 0.00	\$ 66.01	\$ 98.90	\$ 236.10	29.52
6010	POLICE SUPPLIES	\$ 2,929.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 2,929.00	0.00
31200	SHERIFF	\$ 7,674.00	\$ 0.00	\$ 928.87	\$ 1,391.76	\$ 6,282.24	18.14
402	DMV 402 GRANT	\$ 7,674.00	\$ 0.00	\$ 928.87	\$ 1,391.76	\$ 6,282.24	18.14
PJT 605 DOJ LOCAL LAW ENFORCEMENT BLOCK GRANT (LLEBG)							
FUNC 31200 SHERIFF							
1100	SALARIES/WAGES - REGULAR	\$ 4,180.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 4,180.00	0.00
2100	FICA	\$ 320.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 320.00	0.00
31200	SHERIFF	\$ 4,500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 4,500.00	0.00
605	DOJ LOCAL LAW ENFORCEMENT BLOCK	\$ 4,500.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 4,500.00	0.00
PJT 810 ARRA BYRNE JUSTICE ASSISTANCE GRANT							
FUNC 31200 SHERIFF							
1200	OVERTIME	\$ 10,022.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 10,022.00	0.00
1300	SALARIES/WAGES - PART TIME	\$ 0.00	\$ 0.00	\$ 879.46	\$ 2,787.68	\$ 2,787.68	100.00
2100	FICA	\$ 767.00	\$ 0.00	\$ 67.29	\$ 213.26	\$ 553.74	27.80
31200	SHERIFF	\$ 10,789.00	\$ 0.00	\$ 946.75	\$ 3,000.94	\$ 7,788.06	27.81
810	ARRA BYRNE JUSTICE ASSISTANCE GR	\$ 10,789.00	\$ 0.00	\$ 946.75	\$ 3,000.94	\$ 7,788.06	27.81
100	GENERAL FUND	\$ 8,056,246.00	\$ 3,873,974.27	\$ 575,119.30	\$ 1,443,010.31	\$ 2,739,261.42	66.00

CLARKE COUNTY
 FD-PJT-FUNC-OBJ EXPENDITURES SUMMARY REPORT DEFINITION TYPE #0
 for Fiscal Year 2012 (2011-2012 Fiscal Year)
 Posted Only Figures
 Executed By: gilleya

Page: 17
 Date: 09/09/11
 Time: 09:35:08

Code	Description	Appropriations	Outstanding Encumbrances	Expenditures For AUGUST	Expenditures Year-to-Date	Available Balance	Percent Used
<hr/>							
GRAND TOTAL		\$ 8,056,246.00	\$ 3,873,974.27	\$ 575,119.30	\$ 1,443,010.31	\$ 2,739,261.42	66.00

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 1
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
=====						
Fiscal Year: 2011						
EXPENDITURES						
DEFINITION TYPE 0						
100-000-12110-5230			TELECOMMUNICATIONS			
VENDOR:	TREASURER OF VIRGINIA					
10	POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	10.58
100-000-12310-5230			TELECOMMUNICATIONS			
VENDOR:	TREASURER OF VIRGINIA					
3	POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	12.20
100-000-12310-6012			BOOKS AND SUBSCRIPTIONS			
VENDOR:	MATTHEW BENDER & CO., INC.					
1	POST YEAR	18951120	VA CODE	71817	08/15/2011 \$	42.47
100-000-12410-3100			PROFESSIONAL SERVICES			
VENDOR:	CLARKE COUNTY CIRCUIT COURT					
1	POST YEAR	GORMAN CC11-09	PROFESSIONAL SERVICES	71768	08/15/2011 \$	90.00
100-000-12410-5230			TELECOMMUNICATIONS			
VENDOR:	TREASURER OF VIRGINIA					
24	POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	7.19
100-000-12510-5230			TELECOMMUNICATIONS			
VENDOR:	TREASURER OF VIRGINIA					
15	POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	1,453.46
100-000-13200-5230			TELECOMMUNICATIONS			
VENDOR:	TREASURER OF VIRGINIA					
21	POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	6.40
100-000-21200-3320			MAINTENANCE SERVICE CONTRACT			
VENDOR:	IKON OFFICE SOLUTIONS					
1	POST YEAR	5019364370	MAINTENANCE SERVICE CONTRA	71806	08/15/2011 \$	31.40
100-000-21200-5230			TELECOMMUNICATIONS			
VENDOR:	TREASURER OF VIRGINIA					
14	POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	122.21
100-000-21300-5230			TELECOMMUNICATIONS			
VENDOR:	FREDERICK COUNTY FINANCE DEPARTMENT					
3	POST YEAR	VIDEO LINE BILL	JUNE SERVICES	71794	08/15/2011 \$	68.28
100-000-21500-5230			TELECOMMUNICATIONS			
VENDOR:	TREASURER OF VIRGINIA					
16	POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	9.32
100-000-21600-5230			TELECOMMUNICATIONS			

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 2
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
VENDOR: 8	TREASURER OF VIRGINIA POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	6.77
100-000-21900-5230			TELECOMMUNICATIONS			
VENDOR: 25	TREASURER OF VIRGINIA POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	10.44
100-000-21900-6001			OFFICE SUPPLIES			
VENDOR: 1	IMPRESSIONS PLUS POST YEAR	18417	BUSINESS CARDS	71808	08/15/2011 \$	117.00
100-000-22100-5230			TELECOMMUNICATIONS			
VENDOR: 9	TREASURER OF VIRGINIA POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	11.10
100-000-31200-3320			MAINTENANCE SERVICE CONTRACT			
VENDOR: 1	TML COPIERS & DIGITAL SOLUTIONS POST YEAR	120671	FY2010 EST. MAINTENANCE	1572	08/15/2011 \$	66.52
2	POST YEAR	120671	COPIER MAINT ESTIMATE	1572	08/15/2011 \$	270.30
			Total for 100-000-31200-3320		\$	336.82
100-000-31200-5230			TELECOMMUNICATIONS			
VENDOR: 22	TREASURER OF VIRGINIA POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	26.05
100-000-31200-6007			REPAIR AND MAINTENANCE SUPPLIES			
VENDOR: 2	BROY'S CAR WASH POST YEAR		CAR WASHES	1534	08/15/2011 \$	12.50
100-000-32100-5230			TELECOMMUNICATIONS			
VENDOR: 11	TREASURER OF VIRGINIA POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	3.75
100-000-33300-5230			TELECOMMUNICATIONS			
VENDOR: 20	TREASURER OF VIRGINIA POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	5.40
100-000-34100-5230			TELECOMMUNICATIONS			
VENDOR: 5	TREASURER OF VIRGINIA POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	9.46
100-000-35100-3100			PROFESSIONAL SERVICES			
VENDOR: 1	HILLSIDE VETERINARY HOSPITAL POST YEAR	276267	SERVICES	71957	08/31/2011 \$	40.00
100-000-35100-5230			TELECOMMUNICATIONS			
VENDOR: 2	TREASURER OF VIRGINIA POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	9.06
100-000-35600-5230			TELECOMMUNICATIONS			

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 3
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
=====						
VENDOR: TREASURER OF VIRGINIA						
1	POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	375.10
100-000-42600-6014 OTHER OPERATING SUPPLIES						
VENDOR: WILDLIFE CENTER OF VIRGINIA						
1	POST YEAR	PROGRAMS	EDUCATION PROGRAM	71883	08/15/2011 \$	563.00
100-000-43200-3310 REPAIR & MAINTENANCE						
VENDOR: SHALLOW CREEK ELECTRICAL SERVICES LLC						
1	POST YEAR	3441	ELECTRICIAN/ADDITIONAL NEE	1567	08/15/2011 \$	985.00
VENDOR: THYSSENKRUPP ELEVATOR COMPANY INC						
1	POST YEAR	311901	SERVICES/COURTHOUSE	71861	08/15/2011 \$	1,738.00
Total for 100-000-43200-3310						\$ 2,723.00
100-000-43200-5110 ELECTRICAL SERVICES						
VENDOR: RAPPAHANNOCK ELEC COMPANY						
4	POST YEAR	0775388888	JAS	1616	08/31/2011 \$	382.53
4	POST YEAR	0801388888	SOCIAL SERVICES	1616	08/31/2011 \$	237.11
16	POST YEAR	1650088888	VFW SHELTER	1616	08/31/2011 \$	15.67
17	POST YEAR	1650088888	LIONS SHELTER	1616	08/31/2011 \$	14.96
18	POST YEAR	1650088888	STAGE	1616	08/31/2011 \$	26.43
19	POST YEAR	1650088888	PARK OFFICE	1616	08/31/2011 \$	157.93
20	POST YEAR	1650088888	JAYCEE SHELTER	1616	08/31/2011 \$	15.18
21	POST YEAR	1650088888	BASEBALL FLD	1616	08/31/2011 \$	263.07
22	POST YEAR	1650088888	BASEBALL FLD	1616	08/31/2011 \$	14.86
23	POST YEAR	1650088888	PARK BARN	1616	08/31/2011 \$	34.62
24	POST YEAR	1650088888	POOL	1616	08/31/2011 \$	305.96
6	POST YEAR	7658188888	225 RAMSBURG	1564	08/15/2011 \$	445.54
4	POST YEAR	8894188888	EMS	1616	08/31/2011 \$	290.00
Total for 100-000-43200-5110						\$ 2,203.86
100-000-43200-5230 TELECOMMUNICATIONS						
VENDOR: TREASURER OF VIRGINIA						
4	POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	0.15
17	POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	13.87
Total for 100-000-43200-5230						\$ 14.02
100-000-43200-6007 REPAIR AND MAINTENANCE SUPPLIES						
VENDOR: BERRYVILLE TRUE VALUE HARDWARE						
1	POST YEAR	51372	RND DRIVER	71913	08/31/2011 \$	15.48
1	POST YEAR	53134	DRILL BITS	71913	08/31/2011 \$	19.76
1	POST YEAR	53441	SPRINKLER	71913	08/31/2011 \$	11.99
1	POST YEAR	53454	LIME	71913	08/31/2011 \$	335.44
1	POST YEAR	53577	GLOVES	71913	08/31/2011 \$	12.99
1	POST YEAR	53616	PLIERS	71913	08/31/2011 \$	34.98
Total for 100-000-43200-6007						\$ 430.64
100-000-43202-6007 REPAIR AND MAIN SUPPLIES						
VENDOR: WINCHESTER RENTAL						
1	POST YEAR	27307	DEHUMIDIFIER	72048	08/31/2011 \$	606.00
100-000-71100-5230 TELECOMMUNICATIONS						

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 4
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
=====						
VENDOR: TREASURER OF VIRGINIA						
18	POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	25.68
100-000-71310-6014			OTHER OPERATING SUPPLIES			
VENDOR: WALMART COMMUNITY BRC						
30	POST YEAR	0056 0731	GLUE/CLEANER/DRILLBITS	71882	08/15/2011 \$	252.53
100-000-71320-3100			PROFESSIONAL SERVICES			
VENDOR: AMERICAN RED CROSS						
5	POST YEAR	CLASS	PROFESSIONAL SERVICES	71752	08/15/2011 \$	75.00
7	POST YEAR	CLASS	INSTRUCTOR CLASS	71752	08/15/2011 \$	75.00-
Total for 100-000-71320-3100						\$ 0.00
100-000-71330-6015			MERCHANDISE FOR RESALE			
VENDOR: WALMART COMMUNITY BRC						
31	POST YEAR	0056 0731	FOOD	71882	08/15/2011 \$	132.77
100-000-71350-6002			FOOD SUPPLIES & FOOD SERVICE SUPPLIE			
VENDOR: WALMART COMMUNITY BRC						
32	POST YEAR	0056 0731	FOOD	71882	08/15/2011 \$	5.30
100-000-71350-6013			EDUCATIONAL AND RECREATIONAL SUPPLIE			
VENDOR: COOKE, LISA						
1	POST YEAR	SUPPLIES REIMB	SUPPLIES FOR CLASS	1538	08/15/2011 \$	51.33
VENDOR: WALMART COMMUNITY BRC						
33	POST YEAR	0056 0731	BCHBALL/MARKERS	71882	08/15/2011 \$	100.58
Total for 100-000-71350-6013						\$ 151.91
100-000-71350-6014			OTHER OPERATING SUPPLIES			
VENDOR: WALMART COMMUNITY BRC						
34	POST YEAR	0056 0731	PROPANE/CLEANING SUPPLIES	71882	08/15/2011 \$	129.00
100-000-81110-3100			PROFESSIONAL SERVICES			
VENDOR: CHESTER ENGINEERS						
1	POST YEAR	36605	CIUDAD DES CHURCH	1535	08/15/2011 \$	637.93
1	POST YEAR	36607	RUSSELL SUBDIVISION	1535	08/15/2011 \$	789.10
Total for 100-000-81110-3100						\$ 1,427.03
100-000-81110-3600			ADVERTISING			
VENDOR: WINCHESTER STAR						
6	POST YEAR	1675267	HEARING ADV	71888	08/15/2011 \$	741.60
100-000-81110-5230			TELECOMMUNICATIONS			
VENDOR: TREASURER OF VIRGINIA						
19	POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	20.62
100-000-83100-5230			TELECOMMUNICATIONS			
VENDOR: TREASURER OF VIRGINIA						

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 5
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
12	POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011 \$	15.47
TOTAL DEFINITION TYPE 0 :						\$ 12,259.39
TOTAL EXPENDITURES :						\$ 12,259.39
TOTAL for FISCAL YEAR 2011 :						\$ 12,259.39
Fiscal Year: 2012						
EXPENDITURES						
DEFINITION TYPE 0						
100-000-11010-5800 MISCELLANEOUS CHARGES						
VENDOR: FOOD LION, INC						
1	AUGUST	281164327497	FOOD SUPPLIES	71946	08/31/2011 \$	66.92
VENDOR: SCHENCK FOODS CO., INC.						
1	AUGUST	5499387	FOOD SUPPLIES	72006	08/31/2011 \$	105.87
Total for 100-000-11010-5800						\$ 172.79
100-000-11010-5810 DUES & ASSOC. MEMBERSHIPS						
VENDOR: UNIVERSITY OF VIRGINIA						
1	AUGUST	7803	MEMBERSHIP	72031	08/31/2011 \$	500.00
100-000-11010-6001 OFFICE SUPPLIES						
VENDOR: COMMERCIAL PRESS						
1	AUGUST	102002	BUSINESS CARDS	1537	08/15/2011 \$	33.00
100-000-12110-3320 MAINTENANCE SERVICE CONTRACT						
VENDOR: TML COPIERS & DIGITAL SOLUTIONS						
1	AUGUST	121276	COPIER MAINTENANCE	1626	08/31/2011 \$	77.06
100-000-12110-5230 TELECOMMUNICATIONS						
VENDOR: AT&T MOBILITY						
1	AUGUST	X08012011	GOVT ADMIN	71754	08/15/2011 \$	47.14
VENDOR: VERIZON						
230	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011 \$	7.50
Total for 100-000-12110-5230						\$ 54.64
100-000-12110-5810 DUES & ASSOCIATION MEMBERSHIPS						
VENDOR: IIMC						
1	AUGUST	21794	RENEWAL	71963	08/31/2011 \$	135.00
VENDOR: VLGMA						
1	AUGUST	DUES CALCU	DUES CALCULATION	71880	08/15/2011 \$	315.83
Total for 100-000-12110-5810						\$ 450.83
100-000-12110-6001 OFFICE SUPPLIES						
VENDOR: COMMERCIAL PRESS						
1	AUGUST	102001	NOTARY SEAL STAMP	1537	08/15/2011 \$	56.85
1	AUGUST	102287	NOTARY CRIMPERS	1584	08/31/2011 \$	77.96

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 6
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
Total for 100-000-12110-6001						\$ 134.75
100-000-12110-6008			VEHICLE AND EQUIP FUEL			
VENDOR:	MANSFIELD OIL COMPANY					
2	AUGUST	SQLCD/00018083	FUEL	1557	08/15/2011	\$ 39.05
4	AUGUST	SQLCD/00018933	FUEL	1602	08/31/2011	\$ 84.54
Total for 100-000-12110-6008						\$ 123.59
100-000-12210-3100			PROFESSIONAL SERVICES			
VENDOR:	HALL, MONAHAN, ENGLE, MAHAN & MITCHELL					
21	AUGUST	GEN FILE	JULY SERVICES	1545	08/15/2011	\$ 1,523.00
100-000-12310-3320			MAINTENANCE SERVICE CONTRACTS			
VENDOR:	CINTAS DOCUMENT MANAGEMENT					
1	AUGUST	DJ94019839	SERVICE ONSITE	71922	08/31/2011	\$ 20.60
100-000-12310-5230			TELECOMMUNICATIONS			
VENDOR:	VERIZON					
231	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011	\$ 32.89
100-000-12310-5540			TRAVEL CONVENTION & EDUCATION			
VENDOR:	ARTHUR, WARREN					
1	AUGUST	REIMBURSEMENT	ENROLLMENT REIMB	1579	08/31/2011	\$ 75.00
100-000-12310-6012			BOOKS AND SUBSCRIPTIONS			
VENDOR:	MATTHEW BENDER & CO., INC.					
1	AUGUST	20940459	VA CODE REPL	71975	08/31/2011	\$ 42.47
100-000-12410-3100			PROFESSIONAL SERVICES			
VENDOR:	CINTAS DOCUMENT MANAGEMENT					
1	AUGUST	DJ94019840	ONITE SERVICE	71922	08/31/2011	\$ 20.60
100-000-12410-3320			MAINTENANCE SERVICE CONTRACT			
VENDOR:	IKON OFFICE SOLUTIONS					
1	AUGUST	5019812099	COPIER MAINTENANCE	71962	08/31/2011	\$ 61.39
100-000-12410-5210			POSTAL SERVICES			
VENDOR:	BMS DIRECT					
1	AUGUST	71291	POSTAGE/REAL ESTATE	71916	08/31/2011	\$ 2,361.70
1	AUGUST	71293	POSTAGE/PERSONAL PROPERTY	71916	08/31/2011	\$ 3,400.24
Total for 100-000-12410-5210						\$ 5,761.94
100-000-12410-5230			TELECOMMUNICATIONS			
VENDOR:	TREASURER OF VIRGINIA					
1	AUGUST	C039180	MONTHLY PHONE	71934	08/31/2011	\$ 10.68
VENDOR:	VERIZON					
232	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011	\$ 2.50
Total for 100-000-12410-5230						\$ 13.18

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 7
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
=====						
100-000-12410-5540			TRAVEL CONVENTION & EDUCATION			
VENDOR: UNIVERSITY OF VIRGINIA						
1	AUGUST	8027	REGISTRATION FEE	72032	08/31/2011 \$	175.00
100-000-12410-5810			DUES & MEMBERSHIPS			
VENDOR: TREASURER OF VIRGINIA						
1	AUGUST	NOTARY	NOTARY	71867	08/15/2011 \$	45.00
100-000-12510-3100			PROFESSIONAL SERVICES			
VENDOR: MATSCH SYSTEMS						
1	AUGUST	1366	PROFESSIONAL SERVICES	1603	08/31/2011 \$	150.00
100-000-12510-3320			MAINTENANCE SERVICE CONTRACT			
VENDOR: AVAYA, INC.						
1	AUGUST	273122075	PHONE SUPPORT - GOVERNMENT	71899	08/31/2011 \$	948.36
100-000-12510-5230			TELECOMMUNICATIONS			
VENDOR: AT&T MOBILITY						
8	AUGUST	X08012011	GOVT IT	71754	08/15/2011 \$	12.49
VENDOR: COMCAST						
1	AUGUST	19725590	INTERNET SERVICE - GOVERNMENT	71925	08/31/2011 \$	587.50
VENDOR: VERIZON						
233	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011 \$	478.19
9	AUGUST	00076356122812Y	MONTHLY CHARGES	71877	08/15/2011 \$	54.06
8	AUGUST	00081079401014Y	MONTHLY CHARGES	71877	08/15/2011 \$	53.45
8	AUGUST	00092572601596Y	MONTHLY CHARGES	71877	08/15/2011 \$	101.11
Total for 100-000-12510-5230						\$ 1,286.80
100-000-12510-6001			OFFICE SUPPLIES			
VENDOR: QUILL CORPORATION						
1	AUGUST	5649760	LASER FAX	71839	08/15/2011 \$	179.99
100-000-12510-8207			EDP EQUIPMENT			
VENDOR: BB&T FINANCIAL, FSB						
10	AUGUST	9255 6467	POWER SUPPLY/ADOBE/SEAGATE	71905	08/31/2011 \$	729.70
VENDOR: BIZI INTERNATIONAL, INC.						
1	AUGUST	0035255	FOUNDRY FASTIRON ETHERNET	1532	08/15/2011 \$	2,757.50
VENDOR: DALY COMPUTERS, INC.						
1	AUGUST	psi0931919	HPC HP COLOR LASERJET CP45	1539	08/15/2011 \$	1,406.00
Total for 100-000-12510-8207						\$ 4,893.20
100-000-13100-3000			PURCHASED SERVICES			
VENDOR: ELECTION SYSTEMS & SOFTWARE, INC.						
1	AUGUST	781737	LAYOUT CHARGE	71787	08/15/2011 \$	30.00
1	AUGUST	781872	AUDIO	71787	08/15/2011 \$	338.50
1	AUGUST	781873	PRECINCT TABULATOR	71787	08/15/2011 \$	715.00
Total for 100-000-13100-3000						\$ 1,083.50

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 8
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
=====						
100-000-13100-3160	ELECTORAL BOARD SERVICES					
VENDOR:	EDWARDS, JAMES N.					
1	AUGUST	ELEC SERVICES	ELECTION SERVICES	71938	08/31/2011 \$	125.00
VENDOR:	ESTEP, MARILYN					
1	AUGUST	ELEC SERVICES	ELECTION SERVICES	71940	08/31/2011 \$	105.00
VENDOR:	HARRIS, JOHN F					
1	AUGUST	ELEC SERVICES	ELECTION SERVICES	71956	08/31/2011 \$	95.00
VENDOR:	HOLCOMB, ROBERT C.					
1	AUGUST	ELEC SERVICES	ELECTION SERVICES	71958	08/31/2011 \$	105.00
VENDOR:	JONES, BARBARA LEE					
1	AUGUST	ELEC SERVICES	ELECTION SERVICES	71966	08/31/2011 \$	95.00
VENDOR:	MCGILL, ELLEN MAXINE					
1	AUGUST	ELEC SERVICES	ELECTION SERVICES	71980	08/31/2011 \$	105.00
VENDOR:	MORRIS, BARBARA W.					
1	AUGUST	ELEC SERVICES	ELECTION SERVICES	71985	08/31/2011 \$	105.00
VENDOR:	WEBB, WAYNE E.					
1	AUGUST	ELEC SERVICES	ELECTION SERVICES	72046	08/31/2011 \$	95.00
VENDOR:	WRIGHT, JOHN W.					
1	AUGUST	ELEC SERVICES	ELECTION SERVICES	72049	08/31/2011 \$	135.00
Total for 100-000-13100-3160						\$ 965.00
100-000-13100-3600	ADVERTISING					
VENDOR:	WINCHESTER STAR					
1	AUGUST	1642986	REGISTRARS ADV	71888	08/15/2011 \$	161.20
100-000-13100-5400	LEASES AND RENTALS					
VENDOR:	BOYCE VOLUNTEER FIRE COMPANY					
1	AUGUST	FACILITY USE	ELECTION/FAC USE	71917	08/31/2011 \$	75.00
VENDOR:	POWHATAN SCHOOL					
1	AUGUST	FACILITY USE	ELECTION SERVICES/FAC USE	71996	08/31/2011 \$	75.00
Total for 100-000-13100-5400						\$ 150.00
100-000-13100-5510	TRAVEL MILEAGE					
VENDOR:	EDWARDS, JAMES N.					
1	AUGUST	MILEAGE	MILEAGE	71938	08/31/2011 \$	18.34
VENDOR:	WRIGHT, JOHN W.					
2	AUGUST	ELEC SERVICES,	MILEAGE	72049	08/31/2011 \$	18.42
Total for 100-000-13100-5510						\$ 36.76
100-000-13100-6000	MATERIAL AND SUPPLIES					
VENDOR:	WALMART COMMUNITY BRC					
2	AUGUST	1014 9533	NETBOOK	71881	08/15/2011 \$	248.00
3	AUGUST	1014 9533	POLISH	71881	08/15/2011 \$	13.41
Total for 100-000-13100-6000						\$ 261.41

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 9
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
100-000-13200-3310			REPAIR & MAINTENANCE			
VENDOR:	CYCLE NET L.C.					
1	AUGUST	40886	SERVICE/PRINTER	71774	08/15/2011 \$	45.00
100-000-13200-5230			TELECOMMUNICATIONS			
VENDOR:	VERIZON					
234	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011 \$	2.50
100-000-13200-5510			TRAVEL MILEAGE			
VENDOR:	BB&T FINANCIAL, FSB					
24	AUGUST	9255 6699	MILEAGE	71905	08/31/2011 \$	67.50
100-000-13200-5540			TRAVEL CONVENTION & EDUCATION			
VENDOR:	BB&T FINANCIAL, FSB					
23	AUGUST	9255 6699	TRAVEL	71905	08/31/2011 \$	450.15
100-000-13200-6001			OFFICE SUPPLIES			
VENDOR:	TROPHY WORLD					
1	AUGUST	7580	NAME BADGE	72028	08/31/2011 \$	45.00
100-000-21200-3150			LEGAL			
VENDOR:	CLARKE CO GENERAL DISTRICT COURT					
1	AUGUST	5334495	FEE	71765	08/15/2011 \$	120.00
100-000-21200-5230			TELECOMMUNICATIONS			
VENDOR:	VERIZON					
235	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011 \$	31.70
100-000-21200-6001			OFFICE SUPPLIES			
VENDOR:	DEHAVEN / BERKELEY SPRINGS WATER					
1	AUGUST	83986	WATER	71932	08/31/2011 \$	23.00
100-000-21500-5230			TELECOMMUNICATIONS			
VENDOR:	VERIZON					
236	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011 \$	53.02
100-000-21600-2100			FICA BENEFITS			
VENDOR:	CLARKE COUNTY CIRCUIT COURT					
1	AUGUST	20110831VP	FICA BENEFITS	12252	08/29/2011 \$	948.56
100-000-21600-2210			VSRS BENEFITS			
VENDOR:	TREASURER OF VIRGINIA - VSRS-O					
1	AUGUST	20110831VP	VSRS BENEFITS	12254	08/29/2011 \$	1,711.13
100-000-21600-2300			HEALTH INSURANCE BENEFITS			
VENDOR:	ANTHEM-BLUE CROSS/BLUE SHIELD					
1	AUGUST	20110831VP	HEALTH INSURANCE BENEFITS	12251	08/29/2011 \$	810.38
2	AUGUST	20110831VP	HEALTH INSURANCE BENEFITS	12251	08/29/2011 \$	190.00
3	AUGUST	20110831VP	HEALTH INSURANCE BENEFITS	12251	08/29/2011 \$	250.00
4	AUGUST	20110831VP	HEALTH INSURANCE BENEFITS	12251	08/29/2011 \$	8,910.00

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 10
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
Total for 100-000-21600-2300						\$ 10,160.38
100-000-21600-2400			LIFE INSURANCE			
VENDOR: TREASURER OF VIRGINIA - INS - O						
1	AUGUST	20110831VP	LIFE INSURANCE	12253	08/29/2011	\$ 34.72
100-000-21600-5230			TELECOMMUNICATIONS			
VENDOR: VERIZON						
237	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011	\$ 60.24
100-000-21600-6001			OFFICE SUPPLIES			
VENDOR: BANK OF CLARKE COUNTY						
1	AUGUST	1106899	DEPOSIT TICKETS	71900	08/31/2011	\$ 44.10
100-000-21900-5230			TELECOMMUNICATIONS			
VENDOR: VERIZON						
238	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011	\$ 2.50
100-000-21930-5699			CIVIC CONTRIBUTIONS			
VENDOR: BLUE RIDGE LEGAL SERVICES, INC						
1	AUGUST	FY12 APPROPRIA	FY12 APPROPRIATION	71762	08/15/2011	\$ 2,000.00
100-000-22100-3320			MAINTENANCE SERVICE CONTRACT			
VENDOR: DDL BUSINESS SYSTEMS LLC						
1	AUGUST	44795	SERV CONTRACT	71776	08/15/2011	\$ 46.70
100-000-22100-5230			TELECOMMUNICATIONS			
VENDOR: VERIZON						
239	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011	\$ 30.39
100-000-22100-5540			TRAVEL CONVENTION & EDUCATION			
VENDOR: M'CLOUGHLIN, ARCHANA						
2	AUGUST	TRAVEL REIMB	TRAVEL	1605	08/31/2011	\$ 983.05
100-000-31200-3100			PROFESSIONAL SERVICES			
VENDOR: DEPARTMENT OF VIRGINIA STATE POLICE						
7	AUGUST	A2735	CRIMINAL RECORDS	71783	08/15/2011	\$ 48.00
VENDOR: DOMINION DOCUMENT SHREDDING						
1	AUGUST	2011072636	SERVICES	71784	08/15/2011	\$ 49.39
VENDOR: PATLAN, CARLOS LOPEZ						
1	AUGUST	236	INTERPERTER	1601	08/31/2011	\$ 120.00
VENDOR: TREASURER OF VIRGINIA						
1	AUGUST	200430	CALIBRATION FEES	72026	08/31/2011	\$ 13.88
Total for 100-000-31200-3100						\$ 231.27
100-000-31200-3310			REPAIR & MAINTENANCE			
VENDOR: TELTRONIC						
1	AUGUST	498214	SERVICE	72018	08/31/2011	\$ 284.60

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 11
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
=====						
100-000-31200-5210			POSTAL SERVICES			
VENDOR: BB&T FINANCIAL, FSB						
4	AUGUST	9255 6640	POSTAGE	71905	08/31/2011 \$	20.27
VENDOR: SHERIFF, PETTY CASH						
16	AUGUST	PETTY CASH	POSTAGE	72008	08/31/2011 \$	1.08
Total for 100-000-31200-5210						\$ 21.35
100-000-31200-5230			TELECOMMUNICATIONS			
VENDOR: AT&T MOBILITY						
6	AUGUST	X08012011	SHERIFF'S DEPT	71754	08/15/2011 \$	424.12
VENDOR: VERIZON						
240	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011 \$	234.64
Total for 100-000-31200-5230						\$ 658.76
100-000-31200-5530			TRAVEL SUBSISTANCE & LODGING			
VENDOR: BB&T FINANCIAL, FSB						
2	AUGUST	9255 6608	TRAVEL	71905	08/31/2011 \$	572.27
2	AUGUST	9255 6632	TRAVEL	71905	08/31/2011 \$	96.68
VENDOR: SHERIFF, PETTY CASH						
17	AUGUST	PETTY CASH	TRAVEL	72008	08/31/2011 \$	34.96
Total for 100-000-31200-5530						\$ 703.91
100-000-31200-5540			TRAVEL CONVENTION & EDUCATION			
VENDOR: JOHN E. REID AND ASSOCIATES, INC.						
1	AUGUST	120618	SEMINAR	71965	08/31/2011 \$	420.00
VENDOR: SHERIFF, PETTY CASH						
15	AUGUST	PETTY CASH	CLASS	71853	08/15/2011 \$	100.00
Total for 100-000-31200-5540						\$ 520.00
100-000-31200-5800			MISCELLANEOUS CHARGES			
VENDOR: BB&T FINANCIAL, FSB						
10	AUGUST	9255 6657	ENGRAVED SIGN	71905	08/31/2011 \$	133.56
100-000-31200-6001			OFFICE SUPPLIES			
VENDOR: BB&T FINANCIAL, FSB						
3	AUGUST	9255 6608	DAILY PLANNER	71905	08/31/2011 \$	119.44
9	AUGUST	9255 6657	SWITCHLOCK PLAS/FOOD	71905	08/31/2011 \$	70.97
VENDOR: COMMERCIAL PRESS						
1	AUGUST	102064	BUSINESS CARDS	1537	08/15/2011 \$	43.40
VENDOR: DEHAVEN / BERKELEY SPRINGS WATER						
1	AUGUST	83605	WATER	71777	08/15/2011 \$	26.50
VENDOR: SHERIFF, PETTY CASH						
18	AUGUST	PETTY CASH	CAR WASHES/STAMPER	72008	08/31/2011 \$	17.68
Total for 100-000-31200-6001						\$ 277.99

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 12
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
=====						
100-000-31200-6007	REPAIR AND MAINTENANCE SUPPLIES					
VENDOR: BERRYVILLE AUTO PARTS INC						
1	AUGUST	SHRF 5370-50438	VEHICLE REPAIRS	71756	08/15/2011 \$	53.90
1	AUGUST	SHRF 5370-50759	VEHICLE REPAIRS	71906	08/31/2011 \$	366.41
1	AUGUST	SHRF 5370-50762	VEHICLE REPAIRS	71906	08/31/2011 \$	67.00
1	AUGUST	SHRF 5370-50880	VEHICLE REPAIRS	71906	08/31/2011 \$	41.16
1	AUGUST	SHRF 5370-50905	VEHICLE REPAIRS	71906	08/31/2011 \$	25.00
1	AUGUST	SHRF 5370-50981	VEHICLE REPAIRS	71906	08/31/2011 \$	69.39
VENDOR: BILL & GLENN'S GOODYEAR TIRE						
1	AUGUST	188237	TIRE	71914	08/31/2011 \$	111.21
VENDOR: BRØY'S CAR WASH						
1	AUGUST	CAR WASHES	CAR WASHES	1534	08/15/2011 \$	77.00
VENDOR: MAACO COLLISION REPAIR						
1	AUGUST	20936	PAINT REPAIR	71819	08/15/2011 \$	1,009.90
1	AUGUST	20995	REPAIRS	71977	08/31/2011 \$	1,604.00
Total for 100-000-31200-6007						\$ 3,424.97
100-000-31200-6008	VEHICLE AND EQUIP FUEL					
VENDOR: MANSFIELD OIL COMPANY						
1	AUGUST	SQLCD/00018486	FUEL	1557	08/15/2011 \$	4,228.79
1	AUGUST	SQLCD/00018931	FUEL	1602	08/31/2011 \$	3,220.84
Total for 100-000-31200-6008						\$ 7,449.63
100-000-31200-6010	POLICE SUPPLIES					
VENDOR: BB&T FINANCIAL, FSB						
1	AUGUST	9255 67558	PIPE/UTILITY PULL/BOLT	71905	08/31/2011 \$	55.01
VENDOR: EVIDENT CRIME SCENE PRODUCTS						
1	AUGUST	61962A	EVIDENCE TAPE/BAGS	1541	08/15/2011 \$	137.00
VENDOR: MOORE MEDICAL CORP						
1	AUGUST	96891268	HEARTSTART BATTERY/RESPONS	71984	08/31/2011 \$	209.28
Total for 100-000-31200-6010						\$ 401.29
100-000-31200-6011	UNIFORM AND WEARING APPAREL					
VENDOR: BEST UNIFORMS, INC.						
1	AUGUST	227196	SHIRTS	1531	08/15/2011 \$	87.55
1	AUGUST	227196-01	UNIFORM	1581	08/31/2011 \$	47.55
VENDOR: SHERIFF, PETTY CASH						
14	AUGUST	PETTY CASH	BOOTS	71853	08/15/2011 \$	275.00
Total for 100-000-31200-6011						\$ 410.10
100-000-32100-5230	TELECOMMUNICATIONS					
VENDOR: VERIZON						
241	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011 \$	57.99
100-000-32100-6001	OFFICE SUPPLIES					
VENDOR: BERRYVILLE AUTO PARTS INC						

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 13
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
1	AUGUST	10056660	USB CABLE	71756	08/15/2011 \$	20.47
1	AUGUST	10056679	BATTERY	71756	08/15/2011 \$	4.90
Total for 100-000-32100-6001						\$ 25.37
100-000-32100-6008 VEHICLE AND EQUIP FUEL						
VENDOR: QUARLES FUEL NETWORK						
1	AUGUST	CT-0108422	FUEL	1615	08/31/2011 \$	49.00
100-000-33300-5210 POSTAL SERVICES						
VENDOR: POSTMASTER						
1	AUGUST	BOX #126	BOX RENTAL	71836	08/15/2011 \$	96.00
100-000-33300-5230 TELECOMMUNICATIONS						
VENDOR: VERIZON						
242	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011 \$	25.39
100-000-34100-3320 MAINTENANCE SERVICE CONTRACT						
VENDOR: WINDOWWARE INC						
1	AUGUST	2011-0758	SUPPORT CONTRACT	71889	08/15/2011 \$	1,200.00
100-000-34100-3500 PRINTING AND BINDING						
VENDOR: COMMERCIAL PRESS						
1	AUGUST	102004	BUSINESS CARDS/FORMS	1537	08/15/2011 \$	76.20
1	AUGUST	102108	LETTERHEAD	1537	08/15/2011 \$	70.40
Total for 100-000-34100-3500						\$ 146.60
100-000-34100-5230 TELECOMMUNICATIONS						
VENDOR: AT&T MOBILITY						
4	AUGUST	X08012011	BUILDING DEPARTMENT	71754	08/15/2011 \$	24.98
VENDOR: VERIZON						
243	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011 \$	27.89
Total for 100-000-34100-5230						\$ 52.87
100-000-34100-6008 VEHICLE AND EQUIP FUEL						
VENDOR: MANSFIELD OIL COMPANY						
1	AUGUST	SQLCD/00018083	FUEL	1557	08/15/2011 \$	96.65
2	AUGUST	SQLCD/00018488	FUEL	1602	08/31/2011 \$	138.72
3	AUGUST	SQLCD/00018933	FUEL	1602	08/31/2011 \$	52.12
Total for 100-000-34100-6008						\$ 287.49
100-000-35100-3100 PROFESSIONAL SERVICES						
VENDOR: HILLSIDE VETERINARY HOSPITAL						
1	AUGUST	276660	SERVICES	71957	08/31/2011 \$	11.97
1	AUGUST	277081	SERVICES	71957	08/31/2011 \$	23.94
1	AUGUST	278586	SERVICES	71957	08/31/2011 \$	40.35
Total for 100-000-35100-3100						\$ 76.26
100-000-35100-5230 TELECOMMUNICATIONS						

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 14
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
=====						
VENDOR: AT&T MOBILITY						
2	AUGUST	X08012011	ANIMAL CONTROL	71754	08/15/2011 \$	12.49
VENDOR: VERIZON						
244	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011 \$	78.13
Total for 100-000-35100-5230						\$ 90.62
100-000-35100-6004 MEDICAL AND LABORATORY SUPPLIES						
VENDOR: BUTLER SCHEIN ANIMAL HEALTH SUPPLY						
1	AUGUST	AB84117	MED SUPPLIES	71918	08/31/2011 \$	245.20
VENDOR: KV VET SUPPLY CO						
1	AUGUST	4470257	MED SUPPLIES	71971	08/31/2011 \$	521.60
Total for 100-000-35100-6004						\$ 766.80
100-000-35100-6008 VEHICLE AND EQUIP FUEL						
VENDOR: MANSFIELD OIL COMPANY						
1	AUGUST	SQLCD/00018488	FUEL	1602	08/31/2011 \$	75.52
100-000-35100-6014 OTHER OPERATING SUPPLIES						
VENDOR: WALMART COMMUNITY BRC						
1	AUGUST	1014 9533	PET SUPPLIES	71881	08/15/2011 \$	373.50
100-000-35300-3100 PROFESSIONAL SERVICES						
VENDOR: TREASURER OF VIRGINIA						
1	AUGUST	EXAMINER	MEDICAL EXAMINER	72023	08/31/2011 \$	20.00
100-000-35600-5230 TELECOMMUNICATIONS						
VENDOR: AT& T						
6	AUGUST	0590826049001	MONTHLY PHONE CHARGES	71897	08/31/2011 \$	37.65
VENDOR: AT&T MOBILITY						
5	AUGUST	X08012011	E911 DEPT	71754	08/15/2011 \$	106.78
VENDOR: LANGUAGE LINE SERVICES, INC.						
1	AUGUST	2791561	MONTHLY PHONE CHARGE	71972	08/31/2011 \$	7.33
VENDOR: VERIZON						
8	AUGUST	00001224519338Y	MONTHLY CHARGES	72036	08/31/2011 \$	1,236.90
245	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011 \$	152.59
6	AUGUST	00081080039332Y	MONTHLY CHARGES	72036	08/31/2011 \$	26.73
Total for 100-000-35600-5230						\$ 1,567.98
100-000-35600-5420 TOWER LEASE						
VENDOR: SHEN. VALLEY TELEVISION TOWER						
7	AUGUST	TOWER LEASE	TOWER LEASE/SEPT	1568	08/15/2011 \$	1,800.00
100-000-35600-6001 OFFICE SUPPLIES						
VENDOR: SHERIFF, PETTY CASH						
19	AUGUST	PETTY CASH	TAPE/STAMP REFILL/STAMP	72008	08/31/2011 \$	27.96
100-000-35600-6011 UNIFORM AND WEARING APPAREL						

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 15
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
=====						
VENDOR: HESS, PAM						
1	AUGUST	UNIFORMS	UNIFORM PANTS	1596	08/31/2011 \$	208.86
3	AUGUST	UNIFORMS	UNIFORM PANTS	1596	08/31/2011 \$	42.96
VENDOR: SCHULLER, BECKY						
1	AUGUST	UNIFORMS REIB	UNIFORM PANTS	71847	08/15/2011 \$	26.76
Total for 100-000-35600-6011						278.58
100-000-42400-3840 PURCHASED SERVICES						
VENDOR: TREASURER, FREDERICK COUNTY						
1	AUGUST	2105-0008	CLARKE RESID	71868	08/15/2011 \$	710.52
1	AUGUST	80001-0008	CLARKE RESID	71868	08/15/2011 \$	289.00
Total for 100-000-42400-3840						999.52
100-000-42600-6014 OTHER OPERATING SUPPLIES						
VENDOR: ALLIED WASTE SERVICES #976						
1	AUGUST	0976000261532	RECYCLING LITTER PROJECT	71895	08/31/2011 \$	466.70
100-000-42700-3840 PURCHASED SERVICES						
VENDOR: FREDERICK-WINCHESTER SERVICE AUTHORITY						
1	AUGUST	0130	MONTHLY SERVICE CHARGE	71948	08/31/2011 \$	2,156.62
100-000-43200-3310 REPAIR & MAINTENANCE						
VENDOR: MCDONALD, JERRY C.						
1	AUGUST	1269	MOWING	1604	08/31/2011 \$	910.00
100-000-43200-3320 MAINTENANCE SERVICE CONTRACT						
VENDOR: ALLIED WASTE SERVICES #976						
1	AUGUST	0976000261254	GOVT DUMPSTERS-ANNUAL ESTI	71895	08/31/2011 \$	958.91
VENDOR: BLAKE LANDSCAPES INC						
1	AUGUST	35433	GOVT - MOWING, LAWN MAINT,	1582	08/31/2011 \$	6,261.37
VENDOR: J.C. EHRLICH CO., INC.						
1	AUGUST	1263	MAINTENANCE SERVICE CONTRA	71786	08/15/2011 \$	2,337.00
VENDOR: FIDELITY ENGINEERING CORPORATION						
1	AUGUST	476099	GENERATOR MAINTENANCE - SE	1590	08/31/2011 \$	450.00
1	AUGUST	476100	GENERATOR MAINTENANCE - SE	1590	08/31/2011 \$	450.00
VENDOR: SERVICEMASTER COMMERCIAL CLEANING OF WIN						
1	AUGUST	5018	MAINTENANCE SERVICE CONTRA	1618	08/31/2011 \$	3,535.46
1	AUGUST	5039	MAINTENANCE SERVICE CONTRA	1618	08/31/2011 \$	140.00
Total for 100-000-43200-3320						14,132.74
100-000-43200-5130 WATER & SEWAGE SERVICES						
VENDOR: DEHAVEN / BERKELEY SPRINGS WATER						
1	AUGUST	801713	WATER	71777	08/15/2011 \$	6.50
1	AUGUST	83569	WATER	71777	08/15/2011 \$	17.50
1	AUGUST	83950	WATER	71932	08/31/2011 \$	12.00
Total for 100-000-43200-5130						36.00
100-000-43200-5230 TELECOMMUNICATIONS						

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 16
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
=====						
VENDOR: AT&T MOBILITY						
3	AUGUST	X08012011	GOVT MAINT	71754	08/15/2011 \$	150.49
VENDOR: VERIZON						
246	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011 \$	91.56
Total for 100-000-43200-5230						\$ 242.05
100-000-43200-6007 REPAIR AND MAINTENANCE SUPPLIES						
VENDOR: BERRYVILLE TRUE VALUE HARDWARE						
1	AUGUST	54199	HAND CLEANER	71759	08/15/2011 \$	10.99
1	AUGUST	54319	PLIERS	71759	08/15/2011 \$	19.99
1	AUGUST	54347	HEDGE TRIMMER	71907	08/31/2011 \$	139.99
2	AUGUST	54373	LADDER	71759	08/15/2011 \$	99.99
1	AUGUST	54450	TORCH KIT/WIND MACHINE	71907	08/31/2011 \$	107.97
1	AUGUST	54630	PLUNGER	71913	08/31/2011 \$	3.99
1	AUGUST	54652	FLAG TAPE	71913	08/31/2011 \$	14.45
1	AUGUST	54664	WASHERS	71913	08/31/2011 \$	3.31
1	AUGUST	54720	NUTS/WASHERS	71913	08/31/2011 \$	11.79
VENDOR: W W GRAINGER, INC						
1	AUGUST	9597537589	BATTERIES	71954	08/31/2011 \$	103.87
VENDOR: LOWE'S COMPANIES, INC						
1	AUGUST	34091	BITS/BOLTS	71976	08/31/2011 \$	31.60
1	AUGUST	34382	DEWALT 18V HMRDL	71818	08/15/2011 \$	280.20
VENDOR: MOORE MEDICAL, LLC						
1	AUGUST	96858953	REPAIR AND MAINTENANCE SUP	71824	08/15/2011 \$	257.00
VENDOR: TOTAL FILTRATION SERVICES						
2	AUGUST	PSV802261	FILTERS FOR GOVERNMENT	72021	08/31/2011 \$	258.75
2	AUGUST	PSV808774	FILTERS FOR GOVERNMENT	72021	08/31/2011 \$	76.38
Total for 100-000-43200-6007						\$ 1,420.27
100-000-43200-6008 VEHICLE AND EQUIP FUEL						
VENDOR: MANSFIELD OIL COMPANY						
4	AUGUST	SQLCD/00018083	FUEL	1557	08/15/2011 \$	365.12
3	AUGUST	SQLCD/00018488	FUEL	1602	08/31/2011 \$	317.38
2	AUGUST	SQLCD/00018933	FUEL	1602	08/31/2011 \$	346.52
Total for 100-000-43200-6008						\$ 1,029.02
100-000-43200-6009 VEHICLE AND EQUIPMENT SUPPLIES						
VENDOR: BERRYVILLE AUTO PARTS INC						
1	AUGUST	ADMN 5370-50299	BRAKE PAD/ROTOR/CALIPER/SE	71756	08/15/2011 \$	421.23
100-000-43202-3310 REPAIR & MAINTENANCE						
VENDOR: NATIONAL ELEVATOR INSPECTION SERV., INC.						
1	AUGUST	0026925	GOVT CENTER/SERVICE	1608	08/31/2011 \$	43.89
100-000-43202-3320 MAINTENANCE SERVICE CONTRACTS						
VENDOR: AUDIO VISUAL INNOVATIONS						
1	AUGUST	677336	MAINTENANCE SERVICE CONTRA	71755	08/15/2011 \$	5,698.40
VENDOR: SERVICEMASTER COMMERCIAL CLEANING OF WIN						

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 17
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
2	AUGUST	5018	MAINTENANCE SERVICE CONTRA	1618	08/31/2011 \$	2,029.15
Total for 100-000-43202-3320						\$ 7,727.55
100-000-43202-5110 ELECTRICAL SERVICES						
VENDOR: RAPPAHANNOCK ELEC COMPANY						
2	AUGUST	1149385761	101 CHALMERS	1616	08/31/2011 \$	1,341.72
100-000-43202-5130 WATER & SEWAGE SERVICES						
VENDOR: TOWN OF BERRYVILLE						
1	AUGUST	4190099.0098	101 CHALMERS	71865	08/15/2011 \$	77.38
100-000-43202-6007 REPAIR AND MAINT SUPPLIES						
VENDOR: CAPITAL TRISTATE ELECTRICAL DIST						
1	AUGUST	S010567103.001	FUSES	71764	08/15/2011 \$	126.97
VENDOR: NORVAC LOCK TECHNOLOGY INC						
1	AUGUST	117033	KEY	1559	08/15/2011 \$	27.50
VENDOR: SOUTHERN REFRIGERATION						
1	AUGUST	366644	ACTUATOR	72011	08/31/2011 \$	126.27
VENDOR: WINCHESTER RENTAL						
1	AUGUST	26944	DEHUMIDIFIER	71887	08/15/2011 \$	676.00
Total for 100-000-43202-6007						\$ 956.74
100-000-43205-5110 ELECTRICAL SERVICES						
VENDOR: RAPPAHANNOCK ELEC COMPANY						
14	AUGUST	4455288888	MAINT SHOP	1616	08/31/2011 \$	260.08
100-000-43205-5130 WATER & SEWAGE SERVICES						
VENDOR: TOWN OF BERRYVILLE						
15	AUGUST	9001800.0098	MAINT FAC	71865	08/15/2011 \$	14.00
100-000-43206-5110 ELECTRICAL SERVICES						
VENDOR: RAPPAHANNOCK ELEC COMPANY						
14	AUGUST	2048188888	SHERIFF/JAIL	1616	08/31/2011 \$	854.49
100-000-43206-5120 HEATING SERVICES						
VENDOR: WASHINGTON GAS						
8	AUGUST	7002802507	JAIL/SHERIFF	72007	08/31/2011 \$	12.95
100-000-43206-5130 WATER & SEWAGE SERVICES						
VENDOR: DEHAVEN / BERKELEY SPRINGS WATER						
1	AUGUST	801714	WATER	71777	08/15/2011 \$	6.50
1	AUGUST	83570	WATER	71777	08/15/2011 \$	15.50
1	AUGUST	83951	WATER	71932	08/31/2011 \$	17.50
VENDOR: TOWN OF BERRYVILLE						
7	AUGUST	1004000.0098	100 N CHURCH	71865	08/15/2011 \$	267.41
Total for 100-000-43206-5130						\$ 306.91
100-000-43206-6007 REPAIR AND MAINT SUPPLIES						

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 18
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
=====						
VENDOR:	SOUTHERN REFRIGERATION					
1	AUGUST	365237	CAPA ROUND	72011	08/31/2011 \$	4.72
100-000-43207-3310 REPAIR & MAINTENANCE						
VENDOR:	HAMMERHEAD CONSTRUCTION OF VA, INC.					
1	AUGUST	004	COURTHOUSE RENOVATIONS/HVA	71799	08/15/2011 \$	416.00
100-000-43207-5110 ELECTRICAL SERVICES						
VENDOR:	RAPPAHANNOCK ELEC COMPANY					
13	AUGUST	2048188888	COURTHOUSE	1616	08/31/2011 \$	1,707.95
100-000-43207-6007 REPAIR AND MAINT SUPPLIES						
VENDOR:	BERRYVILLE AUTO PARTS INC					
1	AUGUST	4026	POSTAGE	71906	08/31/2011 \$	10.21
VENDOR:	BERRYVILLE TRUE VALUE HARDWARE					
1	AUGUST	54383	NUTS/WASHERS	71759	08/15/2011 \$	0.49
1	AUGUST	54685	NUTS/WASHERS	71913	08/31/2011 \$	5.10
VENDOR:	EBERT REPRODUCTION AND SUPPLY					
1	AUGUST	620297	SCANNING	71785	08/15/2011 \$	63.00
VENDOR:	W W GRAINGER, INC					
1	AUGUST	9594246424	MIRROR DOME	71798	08/15/2011 \$	32.78
VENDOR:	NORVAC LOCK TECHNOLOGY INC					
1	AUGUST	117025	KEYS	1559	08/15/2011 \$	27.50
Total for 100-000-43207-6007						\$ 139.08

100-000-43208-3310 REPAIR & MAINTENANCE						
VENDOR:	THOMAS PLUMBING & HEATING, INC.					
7	AUGUST	CCMAIN	PLUMBING/HEATING FOR GOVT	1624	08/31/2011 \$	1,891.06
100-000-43208-3320 MAINTENANCE SERVICE CONTRACTS						
VENDOR:	WINCHESTER SPRINKLER, LLC					
1	AUGUST	5386	SYSTEM INSPECTION	1575	08/15/2011 \$	1,300.00
100-000-43208-5110 ELECTRICAL SERVICES						
VENDOR:	RAPPAHANNOCK ELEC COMPANY					
15	AUGUST	2048188888	COURTHOUSE	1616	08/31/2011 \$	829.16
100-000-43208-5120 HEATING SERVICES						
VENDOR:	WASHINGTON GAS					
9	AUGUST	7002802606	COURTHOUSE	72007	08/31/2011 \$	12.23
100-000-43208-5130 WATER & SEWAGE SERVICES						
VENDOR:	TOWN OF BERRYVILLE					
7	AUGUST	1003900.0098	104 N CHURCH	71865	08/15/2011 \$	82.28
100-000-43209-5110 ELECTRICAL SERVICES						
VENDOR:	RAPPAHANNOCK ELEC COMPANY					
7	AUGUST	7658188888	ANIMAL SHELTER	1616	08/31/2011 \$	595.78

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 19
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
=====						
100-000-43209-5120			HEATING SERVICES			
VENDOR: QUARLES ENERGY SERVICES						
1	AUGUST	6996	LP GAS	71999	08/31/2011 \$	1,507.92
100-000-43209-6007			REPAIR AND MAINT SUPPLIES			
VENDOR: JNO S. SOLENBERGER INDUSTRIAL						
1	AUGUST	944750	FILTERS	71855	08/15/2011 \$	81.06
100-000-43211-5110			ELECTRICAL SERVICES			
VENDOR: RAPPAHANNOCK ELEC COMPANY						
20	AUGUST	2750088888	REC CENTER	1616	08/31/2011 \$	1,777.04
100-000-43211-5130			WATER & SEWAGE SERVICES			
VENDOR: TOWN OF BERRYVILLE						
8	AUGUST	9001300.0098	REC CENTER	71865	08/15/2011 \$	182.00
100-000-43212-3310			REPAIR & MAINTENANCE			
VENDOR: J.C. EHRLICH CO., INC.						
1	AUGUST	1289	VEG MANAGE SERV	71786	08/15/2011 \$	749.00
VENDOR: GREEN'S SEPTIC SERVICE						
6	AUGUST	PARKS/REC	SERVICES	1592	08/31/2011 \$	72.00
VENDOR: THOMAS PLUMBING & HEATING, INC.						
5	AUGUST	CCPARK	PLUMBING/HEATING FOR GOVT	1624	08/31/2011 \$	337.50
Total for 100-000-43212-3310						\$ 1,158.50
100-000-43212-5110			ELECTRICAL SERVICES			
VENDOR: RAPPAHANNOCK ELEC COMPANY						
21	AUGUST	2750088888	CONCESSION STAND	1616	08/31/2011 \$	123.38
22	AUGUST	2750088888	TENNIS COURTS	1616	08/31/2011 \$	146.97
Total for 100-000-43212-5110						\$ 270.35
100-000-43212-5130			WATER & SEWAGE SERVICES			
VENDOR: TOWN OF BERRYVILLE						
4	AUGUST	9001200.0098	LITTLE LEAGUE BBL	71865	08/15/2011 \$	14.00
8	AUGUST	9001500.0098	PARK OFFICE	71865	08/15/2011 \$	617.58
Total for 100-000-43212-5130						\$ 631.58
100-000-43212-6007			REPAIR AND MAINT SUPPLIES			
VENDOR: BB&T FINANCIAL, FSB						
20	AUGUST	9255 6707	TIRES	71905	08/31/2011 \$	211.90
VENDOR: FROGALE LUMBER INC.						
2	AUGUST	7623	PVC/PASLODE/PRIMER	71951	08/31/2011 \$	504.19
VENDOR: MCCORMICK PAINT						
1	AUGUST	230092336	PAINT	71979	08/31/2011 \$	251.46
Total for 100-000-43212-6007						\$ 967.55

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 20
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
=====						
100-000-43213-5110			ELECTRICAL SERVICES			
VENDOR: RAPPAHANNOCK ELEC COMPANY						
24	AUGUST	2750088888	POOL	1616	08/31/2011 \$	851.49
100-000-43213-5130			WATER & SEWAGE SERVICES			
VENDOR: TOWN OF BERRYVILLE						
7	AUGUST	9001400.0098	POOL	71865	08/15/2011 \$	3,023.79
100-000-43213-6007			REPAIR AND MAINT SUPPLIES			
VENDOR: BERRYVILLE TRUE VALUE HARDWARE						
1	AUGUST	54290	NUTS/WASHERS	71759	08/15/2011 \$	3.51
1	AUGUST	54373	BOLTS	71759	08/15/2011 \$	32.13
1	AUGUST	54397	MURIATIC ACID	71759	08/15/2011 \$	15.98
VENDOR: MARK'S PLUMBING PARTS						
1	AUGUST	1031476	REGULATOR HOUSING/CARTRIDG	71820	08/15/2011 \$	34.57
VENDOR: JNO S. SOLENBERGER INDUSTRIAL						
1	AUGUST	947034	MURIATIC ACID	72010	08/31/2011 \$	19.98
VENDOR: SWIMKARE						
1	AUGUST	105002	REPAIR AND MAINT SUPPLIES	71859	08/15/2011 \$	2,000.00
Total for 100-000-43213-6007						\$ 2,106.17
100-000-43215-5110			ELECTRICAL SERVICES			
VENDOR: RAPPAHANNOCK ELEC COMPANY						
23	AUGUST	2750088888	SOCCER FLD	1616	08/31/2011 \$	28.45
100-000-43236-5110			ELECTRICAL SERVICES			
VENDOR: RAPPAHANNOCK ELEC COMPANY						
8	AUGUST	3750088888	36 E MAIN	1616	08/31/2011 \$	53.62
100-000-43237-5110			ELECTRICAL SERVICES			
VENDOR: RAPPAHANNOCK ELEC COMPANY						
7	AUGUST	4980388888	SOCIAL SERVICES	1616	08/31/2011 \$	663.90
100-000-43237-5130			WATER & SEWAGE SERVICES			
VENDOR: TOWN OF BERRYVILLE						
8	AUGUST	2010600.0098	313 E MAIN	71865	08/15/2011 \$	41.14
8	AUGUST	2010700.0098	313 E MAIN	71865	08/15/2011 \$	41.14
Total for 100-000-43237-5130						\$ 82.28
100-000-51200-5699			CIVIC CONTRIBUTIONS			
VENDOR: OUR HEALTH, INC.						
1	AUGUST	31	FY12 1ST QTR GRANT	71833	08/15/2011 \$	1,625.00
100-000-71100-3320			MAINTENANCE SERVICE CONTRACT			
VENDOR: DDL BUSINESS SYSTEMS LLC						
1	AUGUST	44764	COPIER MAINT/FY2012	71776	08/15/2011 \$	420.12
100-000-71100-3500			PRINTING AND BINDING			

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 21
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
=====						
VENDOR:	WINCHESTER PRINTERS, INC.					
1	AUGUST	17248	BUSINESS CARDS	1630	08/31/2011 \$	75.00
100-000-71100-5210			POSTAL SERVICES			
VENDOR:	POSTMASTER					
1	AUGUST	PERMIT 3084	PERMIT FEE	71995	08/31/2011 \$	190.00
100-000-71100-5230			TELECOMMUNICATIONS			
VENDOR:	VERIZON					
247	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011 \$	109.04
100-000-71100-5400			LEASES AND RENTALS			
VENDOR:	SHENANDOAH VALLEY WATER & COFFEE CO.					
1	AUGUST	H13100000-11	WATER	71852	08/15/2011 \$	139.31
100-000-71100-5540			TRAVEL CONVENTION & EDUCATION			
VENDOR:	BB&T FINANCIAL, FSB					
28	AUGUST	9255 6723	DUES	71905	08/31/2011 \$	30.00
100-000-71100-5810			DUES & MEMBERSHIPS			
VENDOR:	BB&T FINANCIAL, FSB					
29	AUGUST	9255 6723	DUES	71905	08/31/2011 \$	200.00
VENDOR:	COSTCO MEMBERSHIP					
1	AUGUST	000316700718000	MEMBERSHIP FEE	71772	08/15/2011 \$	50.00
VENDOR:	MYRS, TONYA					
1	AUGUST	NOTARY/FEE	NOTARY FEE REIMB	71825	08/15/2011 \$	10.00
VENDOR:	VIRGINIA STATE POLICE RECORDS MANAGEMENT					
1	AUGUST	CRIMINAL HISTOR	CRIMINAL HISTORY RECORDS	72034	08/31/2011 \$	15.00
VENDOR:	VIRGINIA DEPARTMENT OF SOCIAL SERVICES					
4	AUGUST	CENTRAL REG	CENTRAL REGISTRY.	72039	08/31/2011 \$	7.00
			Total for 100-000-71100-5810		\$	282.00
100-000-71100-6001			OFFICE SUPPLIES			
VENDOR:	BB&T FINANCIAL, FSB					
27	AUGUST	9255 6723	STAPLES/NOTARY STAMP	71905	08/31/2011 \$	101.98
100-000-71100-6008			VEHICLE AND EQUIP FUEL			
VENDOR:	MANSFIELD OIL COMPANY					
3	AUGUST	SQLCD/00018083	FUEL	1557	08/15/2011 \$	150.53
4	AUGUST	SQLCD/00018488	FUEL	1602	08/31/2011 \$	20.30
1	AUGUST	SQLCD/00018933	FUEL	1602	08/31/2011 \$	55.02
			Total for 100-000-71100-6008		\$	225.85
100-000-71100-6014			OTHER OPERATING SUPPLIES			
VENDOR:	INTELLIGENT PRODUCTS INC.					
1	AUGUST	129609A	MUTT MITT	1548	08/15/2011 \$	402.75
100-000-71310-6014			OTHER OPERATING SUPPLIES			

CLARKE COUNTY
August 2011 Vendor Payments
Executed By: gilleya

PAGE: 22
TIME: 15:39:48
DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/BFT #	CK/EFT Date	Amount
=====						
VENDOR: BERRYVILLE TRUE VALUE HARDWARE						
1	AUGUST	54703	HOSE	71913	08/31/2011 \$	44.99
VENDOR: WALMART COMMUNITY BRC						
50	AUGUST	0056 0731	FOOD SUPPLIES	72044	08/31/2011 \$	39.43
Total for 100-000-71310-6014						\$ 84.42
100-000-71310-6015 MERCHANDISE FOR RESALE						
VENDOR: COSTCO WHOLESALE INC. #239						
2	AUGUST	CCPR 12/08	FOOD SUPPLIES	71773	08/15/2011 \$	27.07
VENDOR: WALMART COMMUNITY BRC						
40	AUGUST	0056 0731	FOOD	72044	08/31/2011 \$	98.33
Total for 100-000-71310-6015						\$ 125.40
100-000-71320-3100 PROFESSIONAL SERVICES						
VENDOR: AMERICAN RED CROSS						
6	AUGUST	CLASS	INSTRUCTOR CLASS	71752	08/15/2011 \$	75.00
100-000-71320-5810 DUES & MEMBERSHIPS						
VENDOR: CLARKE COUNTY HEALTH DEPARTMENT						
1	AUGUST	PERMIT RENEWAL	PERMIT RENEWAL	71766	08/15/2011 \$	285.00
VENDOR: SHENANDOAH VALLEY SWIM LEAGUE						
1	AUGUST	MEMBERSHIP DUES	DUES & MEMBERSHIPS	71850	08/15/2011 \$	1,170.00
Total for 100-000-71320-5810						\$ 1,455.00
100-000-71320-6013 EDUCATIONAL AND RECREATIONAL SUPPLIE						
VENDOR: CROWN TROPHY						
1	AUGUST	2368	TROPHIES	71929	08/31/2011 \$	256.80
100-000-71320-6014 OTHER OPERATING SUPPLIES						
VENDOR: BB&T FINANCIAL, FSB						
26	AUGUST	9255 6723	CORKBOARD	71905	08/31/2011 \$	49.49
VENDOR: COSTCO WHOLESALE INC. #239						
3	AUGUST	CCPR 12/08	FOOD SUPPLIES	71773	08/15/2011 \$	39.16
1	AUGUST	CCPR 12/09	FOOD SUPPLIES	71773	08/15/2011 \$	27.87
VENDOR: S & S WORLDWIDE						
1	AUGUST	7033870	WHISTLE	71843	08/15/2011 \$	67.60
Total for 100-000-71320-6014						\$ 184.12
100-000-71320-6026 POOL CHEMICALS						
VENDOR: HARPER AND COMPANY INC						
1	AUGUST	0074801	CALCIUMHYPOCHLORITE	1546	08/15/2011 \$	1,505.00
1	AUGUST	0075588-IN	CAL HYPOCHLORITE	1595	08/31/2011 \$	1,480.00
VENDOR: THE STOP						
1	AUGUST	53701	CHEMICALS	71860	08/15/2011 \$	78.71
1	AUGUST	54591	CHEMICALS	72020	08/31/2011 \$	98.68
1	AUGUST	54653	CHEMICALS	72020	08/31/2011 \$	107.05

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 23
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
Total for 100-000-71320-6026						\$ 3,269.44
100-000-71330-6015 MERCHANDISE FOR RESALE						
VENDOR: COCA-COLA ENTERPRISES						
1	AUGUST	1286106821	DRINKS	71770	08/15/2011 \$	485.06
VENDOR: COSTCO WHOLESALE INC. #239						
1	AUGUST	CCPR 12/08	FOOD SUPPLIES	71773	08/15/2011 \$	132.98
2	AUGUST	CCPR 12/09	FOOD SUPPLIES	71773	08/15/2011 \$	155.48
VENDOR: GARBER ICE CREAM CO INC						
1	AUGUST	231075	ICE CREAM	71796	08/15/2011 \$	393.84
1	AUGUST	231548	ICE CREAM	71796	08/15/2011 \$	363.06
1	AUGUST	231863	ICE CREAM	71953	08/31/2011 \$	283.04
VENDOR: WALMART COMMUNITY BRC						
35	AUGUST	0056 0731	FOOD/DRINK	71882	08/15/2011 \$	106.71
39	AUGUST	0056 0731	FOOD	72044	08/31/2011 \$	43.70
41	AUGUST	0056 0731	FOOD	72044	08/31/2011 \$	105.90
42	AUGUST	0056 0731	FOOD	72044	08/31/2011 \$	17.94
49	AUGUST	0056 0731	FOOD SUPPLIES	72044	08/31/2011 \$	69.44
VENDOR: ZAFAR ENTERPRISES						
1	AUGUST	225010668	PIZZA	71891	08/15/2011 \$	572.70
1	AUGUST	225010728	PIZZA	71891	08/15/2011 \$	378.18
1	AUGUST	226011781	PIZZA'S	72050	08/31/2011 \$	310.76
Total for 100-000-71330-6015						\$ 3,418.79
100-000-71350-3100 PROFESSIONAL SERVICES						
VENDOR: AMERICAN RED CROSS						
8	AUGUST	CLASS	FY 2012 PROGRAMS CLASSES	71896	08/31/2011 \$	35.00
VENDOR: BLUE RIDGE HULA HOOPS LLC						
1	AUGUST	CLASS	PROFESSIONAL SERVICES	71915	08/31/2011 \$	84.00
VENDOR: OPUS OAKES, AN ART PLACE, INC.						
4	AUGUST	CAMP	PROFESSIONAL SERVICES	1561	08/15/2011 \$	765.00
5	AUGUST	CAMP	PROFESSIONAL SERVICES	1612	08/31/2011 \$	369.00
Total for 100-000-71350-3100						\$ 1,253.00
100-000-71350-5400 LEASES AND RENTALS						
VENDOR: GREEN'S SEPTIC SERVICE						
1	AUGUST	VFW SHELTER	SERVICE	1592	08/31/2011 \$	86.10
100-000-71350-5560 GROUP TRIPS						
VENDOR: BB&T FINANCIAL, FSB						
26	AUGUST	9255 6699	PLAYCAMP TRIP	71905	08/31/2011 \$	323.75
VENDOR: CLARKE COUNTY TREASURER						
1	AUGUST	FLD TRIPS	FIELD TRIPS/JULY	71923	08/31/2011 \$	363.37
Total for 100-000-71350-5560						\$ 687.12
100-000-71350-5830 REFUNDS						
VENDOR: DAVIS, KIMBERLY						
1	AUGUST	PROGRAM REFUND	PROGRAM CANCELATION REFUND	71775	08/15/2011 \$	37.00

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 24
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
=====						
VENDOR:	FINCH, ANN					
1	AUGUST	PROGRAM REFUND	PROGRAM CANCELLATION REFUN	71943	08/31/2011 \$	79.00
VENDOR:	HARDY, MEGHAN					
1	AUGUST	PROGRAM REFUND	PROGRAM CANCELLATION REFUN	71955	08/31/2011 \$	210.00
VENDOR:	HORNER, LORI					
1	AUGUST	PROGRAM REFUND	PROGRAM CANCELLATION REFUN	71804	08/15/2011 \$	45.00
VENDOR:	JENKINS, BETH					
1	AUGUST	PROGRAM REFUND	PROGRAM CANCELLATION REFUN	71964	08/31/2011 \$	80.00
VENDOR:	KEESLING, CAROL					
1	AUGUST	PROGRAM REFUND	PROGRAM CANCELLATION REFUN	71810	08/15/2011 \$	45.00
VENDOR:	LAUER, SUSAN					
1	AUGUST	PROGRAM REFUND	PROGRAM CANCELLATION REFUN	71973	08/31/2011 \$	45.00
VENDOR:	MCCAULEY, BARBARA					
1	AUGUST	PROGRAM REFUND	PROGRAM CANCELLATION REFUN	71978	08/31/2011 \$	80.00
VENDOR:	OLSEN, DEBRA					
1	AUGUST	PROGAM REFUND	PROGRAM CANCELLATION REFUN	71831	08/15/2011 \$	66.00
VENDOR:	ROGERS, EVA					
1	AUGUST	PROGRAM REFUND	PROGRAM CANCELLATION REFUN	71842	08/15/2011 \$	100.00
VENDOR:	SPINDEL, JEAN					
1	AUGUST	PROGRAM REFUND	PROGRAM CANCELLATION REFUN	72012	08/31/2011 \$	26.00
VENDOR:	SWEENEY, MARY ELIZABETH					
1	AUGUST	PROGRAM REFUND	PROGRAM CANCELLATION REFUN	72016	08/31/2011 \$	130.00
Total for 100-000-71350-5830						\$ 943.00
100-000-71350-6002 FOOD SUPPLIES & FOOD SERVICE SUPPLIE						
VENDOR:	COSTCO WHOLESALE INC. #239					
3	AUGUST	CCPR 12/09	FOOD SUPPLIES	71773	08/15/2011 \$	138.71
1	AUGUST	CCPR 12/11	FOOD SUPPLIES	71773	08/15/2011 \$	124.94
VENDOR:	FOOD LION, INC					
1	AUGUST	281164297470	FOOD SUPPLIES	71792	08/15/2011 \$	71.76
1	AUGUST	281164307474	FOOD SUPPLIES	71792	08/15/2011 \$	117.45
1	AUGUST	281164307478	FOOD SUPPLIES	71792	08/15/2011 \$	26.36
1	AUGUST	281164307482	FOOD SUPPLIES	71792	08/15/2011 \$	75.31
1	AUGUST	281164317484	FOOD SUPPLIES	71792	08/15/2011 \$	94.40
VENDOR:	FOX'S PIZZA DEN					
1	AUGUST	492027	PIZZA'S	71947	08/31/2011 \$	212.00
VENDOR:	WALMART COMMUNITY BRC					
38	AUGUST	0056 0731	FOOD	72044	08/31/2011 \$	51.29
45	AUGUST	0056 0731	FOOD SUPPLIES	72044	08/31/2011 \$	63.15
47	AUGUST	0056 0731	FOOD SUPPLIES	72044	08/31/2011 \$	63.63
Total for 100-000-71350-6002						\$ 1,039.00
100-000-71350-6011 UNIFORM AND WEARING APPAREL						
VENDOR:	COAST TO COAST PROMOTIONS					
1	AUGUST	976	T-SHIRTS	71769	08/15/2011 \$	48.00

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 25
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
=====						
100-000-71350-6013	EDUCATIONAL AND RECREATIONAL SUPPLIE					
VENDOR:	COSTCO WHOLESALE INC. #239					
1	AUGUST	CCPR 12/13	FOOD SUPPLIES	71926	08/31/2011 \$	174.83
VENDOR:	ORIENTAL TRADING CO.					
1	AUGUST	645772554-01	MIRROR BALL SET	71832	08/15/2011 \$	49.99
VENDOR:	WALMART COMMUNITY BRC					
36	AUGUST	0056 0731	LANTERNS/	71882	08/15/2011 \$	61.28
43	AUGUST	0056 0731	HOLSTER	72044	08/31/2011 \$	12.97
44	AUGUST	0056 0731	FOOD SUPPLIES	72044	08/31/2011 \$	26.00
Total for 100-000-71350-6013						\$ 325.07
100-000-71350-6014	OTHER OPERATING SUPPLIES					
VENDOR:	BB&T FINANCIAL, FSB					
25	AUGUST	9255 6723	POM POMS/DRUMSTICKS/BALLOO	71905	08/31/2011 \$	412.66
VENDOR:	WALMART COMMUNITY BRC					
37	AUGUST	0056 0731	FOOD/DRINK	71882	08/15/2011 \$	65.70
48	AUGUST	0056 0731	FOOD SUPPLIES	72044	08/31/2011 \$	37.88
Total for 100-000-71350-6014						\$ 516.24
100-000-71350-6015	MERCHANDISE FOR RESALE					
VENDOR:	VRPS					
3	AUGUST	TICKETS	MERCHANDISE FOR RESALE	72042	08/31/2011 \$	860.00
VENDOR:	WALMART COMMUNITY BRC					
46	AUGUST	0056 0731	FOOD SUPPLIES	72044	08/31/2011 \$	10.00
Total for 100-000-71350-6015						\$ 870.00
100-000-81110-3100	PROFESSIONAL SERVICES					
VENDOR:	HALL, MONAHAN, ENGLE, MAHAN & MITCHELL					
20	AUGUST	GEN FILE	JULY SERVICES	1545	08/15/2011 \$	331.00
VENDOR:	PIEDMONT GEOTECHNICAL, INC.					
1	AUGUST	BELLEVUE LANE	SERVICES	1563	08/15/2011 \$	145.00
Total for 100-000-81110-3100						\$ 476.00
100-000-81110-3600	ADVERTISING					
VENDOR:	WINCHESTER STAR					
7	AUGUST	1675267	HEARING ADV	71888	08/15/2011 \$	628.36
100-000-81110-5210	POSTAL SERVICES					
VENDOR:	FEDERAL EXPRESS CORPORATION					
1	AUGUST	7-588-25938	POSTAGE	71941	08/31/2011 \$	56.65
100-000-81110-5230	TELECOMMUNICATIONS					
VENDOR:	VERIZON					
248	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011 \$	12.50
100-000-81110-5510	TRAVEL MILEAGE					

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 26
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/BFT #	CK/EFT Date	Amount
=====						
VENDOR: JOHNSTON, CHUCK						
10	AUGUST	MILEAGE	MILEGE REIMB	1550	08/15/2011 \$	26.64
VENDOR: OLIN, NANCY						
3	AUGUST	MILEAGE	MILEAGE REIMB	1560	08/15/2011 \$	36.21
4	AUGUST	MILEAGE	MILEAGE REIMB	1611	08/31/2011 \$	45.51
Total for 100-000-81110-5510						\$ 108.36
100-000-81110-5540 TRAVEL CONVENTION & EDUCATION						
VENDOR: BB&T FINANCIAL, FSB						
4	AUGUST	9255 6715	CONFERENCE REGISTRATION	71905	08/31/2011 \$	153.10
100-000-81110-5810 DUES & MEMBERSHIPS						
VENDOR: AMERICAN FARMLAND TRUST						
1	AUGUST	5424437	RENEWAL	71751	08/15/2011 \$	35.00
100-000-81110-6001 OFFICE SUPPLIES						
VENDOR: BB&T FINANCIAL, FSB						
3	AUGUST	9255 6715	ARCGIS DESKTOP	71905	08/31/2011 \$	32.00
VENDOR: COMMERCIAL PRESS						
1	AUGUST	102206	LETTERHEAD	1584	08/31/2011 \$	101.55
Total for 100-000-81110-6001						\$ 133.55
100-000-81520-3600 ADVERTISING						
VENDOR: NORTHERN VIRGINIA DAILY						
1	AUGUST	1007421	GIS ADV	71830	08/15/2011 \$	383.40
100-000-81800-3100 PROFESSIONAL SERVICES						
VENDOR: KALBIAN, MARAL S.						
1	AUGUST	HIST PRESV COMM	CONSULTING SERVICES	1551	08/15/2011 \$	412.50
100-000-81920-5699 CIVIC CONTRIBUTIONS						
VENDOR: WINCHESTER REGIONAL AIRPORT AUTHORITY						
3	AUGUST	CAPITAL	APPROP	71886	08/15/2011 \$	1,250.00
100-000-82600-5230 TELECOMMUNICATIONS						
VENDOR: WETHERALL, WILLIAM						
4	AUGUST	PHONE	PHONE REIMB	1628	08/31/2011 \$	35.02
100-000-82600-5510 TRAVEL MILEAGE						
VENDOR: WETHERALL, WILLIAM						
8	AUGUST	MILEAGE	MILEAGE REIMB	1628	08/31/2011 \$	460.11
100-000-83100-5230 TELECOMMUNICATIONS						
VENDOR: VERIZON						
249	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011 \$	27.89
100-000-83400-5699 CIVIC CONTRIBUTIONS						
VENDOR: NORTHERN VA 4-H EDUCATIONAL CENTER						

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 27
 TIME: 15:39:48
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
1	AUGUST	FY12	FY12 FUNDING	71989	08/31/2011	\$ 3,000.00
			TOTAL DEFINITION TYPE 0 :			\$ 137,012.76
			TOTAL EXPENDITURES :			\$ 137,012.76
			TOTAL for FISCAL YEAR 2012 :			\$ 137,012.76
			TOTAL PAYMENTS :			\$ 149,272.15

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 1
 TIME: 15:40:29
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
Fiscal Year: 2011						

EXPENDITURES

DEFINITION TYPE 0

301-800-94201-3100 PROFESSIONAL SERVICES

VENDOR: CHESTER ENGINEERS

1	POST YEAR	36608	DBL TOLLGATE	1535	08/15/2011	\$ 2,520.42
---	-----------	-------	--------------	------	------------	-------------

301-800-94289-3140 Engineering & Architectural

VENDOR: US GOVT INTERIOR (DEPT OF) US GEO SURVEY

1	POST YEAR	90036246	NO SHEN VALLEY AQUIFER SYS	71871	08/15/2011	\$ 9,386.00
---	-----------	----------	----------------------------	-------	------------	-------------

301-800-94291-8112 CONSTRUCTION

VENDOR: HAMMERHEAD CONSTRUCTION OF VA, INC.

1	POST YEAR	#10	PER IFB #10-0316 CIRCUIT C	71799	08/15/2011	\$ 9,410.86
---	-----------	-----	----------------------------	-------	------------	-------------

301-800-94321-8112 CONSTRUCTION

VENDOR: PETER POST RESTORATION

1	POST YEAR	#5	GREENWAY COURT REHABILITAT	1562	08/15/2011	\$ 16,647.61
3	POST YEAR	#5	GREENWAY COURT	1562	08/15/2011	\$ 16,647.61

Total for 301-800-94321-8112 \$ 0.00

TOTAL DEFINITION TYPE 0 : \$ 21,317.28

TOTAL EXPENDITURES : \$ 21,317.28

TOTAL for FISCAL YEAR 2011 : \$ 21,317.28

Fiscal Year: 2012

EXPENDITURES

DEFINITION TYPE 0

225-127-31200-5230 TELECOMMUNICATIONS

VENDOR: SPRINT DATA SERVICES

1	AUGUST	862688664-006	MONTHLY PHONE	71856	08/15/2011	\$ 391.28
---	--------	---------------	---------------	-------	------------	-----------

225-127-31200-7000 JOINT OPERATIONS

VENDOR: BB&T FINANCIAL, FSB

20	AUGUST	9255 6699	VGIA CONFERENCE REGISTRATI	71905	08/31/2011	\$ 1,475.00
----	--------	-----------	----------------------------	-------	------------	-------------

VENDOR: PAGE COUNTY SHERIFF'S OFFICE

2	AUGUST	GRANT FUNDS	GANG TASK FORCE/GRANT	71992	08/31/2011	\$ 15,761.51
---	--------	-------------	-----------------------	-------	------------	--------------

VENDOR: WARREN COUNTY SHERIFF'S OFFICE

1	AUGUST	GRANT FUNDS	TASK FORCE GRANT FUNDS	72045	08/31/2011	\$ 6,372.19
---	--------	-------------	------------------------	-------	------------	-------------

VENDOR: WINCHESTER POLICE DEPARTMENT

1	AUGUST	GRANT FUNDS	GANG TASK FORCE GRANT	72047	08/31/2011	\$ 16,684.26
---	--------	-------------	-----------------------	-------	------------	--------------

Total for 225-127-31200-7000 \$ 40,292.96

231-000-31200-6000 MATERIAL AND SUPPLIES

VENDOR: BB&T FINANCIAL, FSB

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 2
 TIME: 15:40:29
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
2	AUGUST	9255 67558	HANDYCAM	71905	08/31/2011 \$	272.99
231-128-31200-6001 MATERIALS AND SUPPLIES						
VENDOR: BB&T FINANCIAL, FSB						
11	AUGUST	9255 6657	FOOD SUPPLIES	71905	08/31/2011 \$	57.44
3	AUGUST	9255 6665	FOOD SUPPLIES	71905	08/31/2011 \$	19.70
Total for 231-128-31200-6001						\$ 77.14
235-000-82700-3100 PROFESSIONAL SERVICES						
VENDOR: HALL, MONAHAN, ENGLE, MAHAN & MITCHELL						
19	AUGUST	GEN FILE	JULY SERVICES	1545	08/15/2011 \$	464.00
301-800-94202-3100 PROFESSIONAL SERVICES						
VENDOR: HALL, MONAHAN, ENGLE, MAHAN & MITCHELL						
1	AUGUST	GOVT CENTER	JOINT GOV CENTER	1594	08/31/2011 \$	1,904.00
301-800-94291-8112 CONSTRUCTION						
VENDOR: SUITE OFFICE SYSTEMS, LLC						
1	AUGUST	1671	INSTALL 12 STRAND MM	1621	08/31/2011 \$	1,560.00
1	AUGUST	1673	INSTALL DATA OUTLET	1621	08/31/2011 \$	498.00
Total for 301-800-94291-8112						\$ 2,058.00
301-800-94299-8207 EDP EQUIPMENT						
VENDOR: DALY COMPUTERS, INC.						
1	AUGUST	psi0932599	SMART-UPS #SURT6KRMXL3U-TF	1587	08/31/2011 \$	3,955.00
301-800-94321-8112 CONSTRUCTION						
VENDOR: PETER POST RESTORATION						
2	AUGUST	#5	GREENWAY COURT	1562	08/15/2011 \$	16,647.61
301-800-94337-3100 PROFESSIONAL SERVICES						
VENDOR: SEWELL INVESTMENT AND APPRAISAL SERVICE						
1	AUGUST	07029	PROFESSIONAL SERVICES	71849	08/15/2011 \$	450.00
301-820-94222-3000 PURCHASED SERVICES						
VENDOR: AT&T MOBILITY						
10	AUGUST	X08012011	SHERIFF AIR CARDS	71754	08/15/2011 \$	760.61
VENDOR: DELL MARKETING, L P						
1	AUGUST	XFDMR6XC6	DELL LATITUDE LAPTOPS PER	71933	08/31/2011 \$	4,689.02
VENDOR: SOUTHERN SOFTWARE, INC.						
1	AUGUST	226296A	MDIS CLIENT LICENSE, ETC.	1620	08/31/2011 \$	3,794.00
Total for 301-820-94222-3000						\$ 9,243.63
TOTAL DEFINITION TYPE 0 :						\$ 75,756.61
TOTAL EXPENDITURES :						\$ 75,756.61
TOTAL for FISCAL YEAR 2012 :						\$ 75,756.61
TOTAL PAYMENTS :						\$ 97,073.89

CLARKE COUNTY
August 2011 Vendor Payments
Executed By: gilleya

PAGE: 3
TIME: 15:40:29
DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
--------	-----------	------------	-------------	----------	-------------	--------

=====

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 1
 TIME: 15:41:11
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
--------	-----------	------------	-------------	----------	-------------	--------

Fiscal Year: 2011

EXPENDITURES

DEFINITION TYPE 0

607-000-12530-4300 CENTRAL PURCHASING/STORE

VENDOR: OFFICE DEPOT

1	POST YEAR	569461972001	WIPES	71990	08/31/2011	\$ 37.44
1	POST YEAR	569462132001	INK/SCISSORS	71990	08/31/2011	\$ 35.00

Total for 607-000-12530-4300 \$ 72.44

607-000-12530-5230 TELECOMMUNICATIONS

VENDOR: TREASURER OF VIRGINIA

13	POST YEAR	T236284	MONTHLY PHONE CHARGES	71782	08/15/2011	\$ 15.59
----	-----------	---------	-----------------------	-------	------------	----------

TOTAL DEFINITION TYPE 0 : \$ 88.03

TOTAL EXPENDITURES : \$ 88.03

TOTAL for FISCAL YEAR 2011 : \$ 88.03

Fiscal Year: 2012

EXPENDITURES

DEFINITION TYPE 0

607-000-12510-3320 MAINTENANCE SERVICE CONTRACT

VENDOR: IKON OFFICE SOLUTIONS

1	AUGUST	5019812098	FY 2012 COPIER MAINTENANCE	71962	08/31/2011	\$ 62.74
---	--------	------------	----------------------------	-------	------------	----------

607-000-12530-4300 CENTRAL PURCHASING/STORE

VENDOR: CDW GOVERNMENT, INC.

1	AUGUST	ZGJ0959	DATATRAVELER	71920	08/31/2011	\$ 350.00
---	--------	---------	--------------	-------	------------	-----------

VENDOR: KURTZ BROTHERS

1	AUGUST	52650.00	CENTRAL STORE OFFICE SUPPL	71970	08/31/2011	\$ 496.43
---	--------	----------	----------------------------	-------	------------	-----------

VENDOR: OFFICE DEPOT

1	AUGUST	571034591001	INK/STAPLER	71990	08/31/2011	\$ 150.95
1	AUGUST	571034767001	WIPES	71990	08/31/2011	\$ 57.56
1	AUGUST	573435650001	CENTRAL STORE OFFICE SUPPL	71990	08/31/2011	\$ 686.48
1	AUGUST	573436573001	CENTRAL STORE OFFICE SUPPL	71990	08/31/2011	\$ 40.40

VENDOR: QUILL CORPORATION

1	AUGUST	5790934	CENTRAL STORE OFFICE SUPPL	72000	08/31/2011	\$ 1,045.37
1	AUGUST	5846505	CENTRAL STORE OFFICE SUPPL	72000	08/31/2011	\$ 35.98

VENDOR: STAPLES TECHNOLOGY SOLUTIONS

1	AUGUST	RZ4228	CENTRAL STORE OFFICE SUPPL	72013	08/31/2011	\$ 922.72
1	AUGUST	RZ7861	CENTRAL STORE OFFICE SUPPL	72013	08/31/2011	\$ 145.08
1	AUGUST	SB2223	CENTRAL STORE OFFICE SUPPL	72013	08/31/2011	\$ 299.48
1	AUGUST	se6045	ink	72013	08/31/2011	\$ 61.60

VENDOR: SUPPLY ROOM COMPANIES, THE

1	AUGUST	1591370-0	CENTRAL STORE OFFICE SUPPL	1623	08/31/2011	\$ 331.46
1	AUGUST	1591370-1	CENTRAL STORE OFFICE SUPPL	1623	08/31/2011	\$ 26.16
1	AUGUST	1594080-0	CENTRAL STORE OFFICE SUPPL	1623	08/31/2011	\$ 8.96

CLARKE COUNTY
 August 2011 Vendor Payments
 Executed By: gilleya

PAGE: 2
 TIME: 15:41:11
 DATE: 09/08/2011

VOUCH#	Fis Month	Invoice ID	DESCRIPTION	CK/EFT #	CK/EFT Date	Amount
Total for 607-000-12530-4300						\$ 4,658.63
607-000-12530-5230			TELECOMMUNICATIONS			
VENDOR: VERIZON						
251	AUGUST	00002726889534Y	MONTHLY CHARGES	71877	08/15/2011 \$	94.19
607-000-12530-5810			DUES & MEMBERSHIPS			
VENDOR: COSTCO MEMBERSHIP						
2	AUGUST	000316700718000	MEMBERSHIP FEE	71772	08/15/2011 \$	100.00
732-000-12530-3000			PURCHASED SERVICES - TRANSACTION FEE			
VENDOR: EBS						
1	AUGUST	52109	FSA/HSA	71937	08/31/2011 \$	725.36
TOTAL DEFINITION TYPE 0 :						\$ 5,640.92
TOTAL EXPENDITURES :						\$ 5,640.92
TOTAL for FISCAL YEAR 2012 :						\$ 5,640.92
TOTAL PAYMENTS :						\$ 5,728.95