



Agenda

September 26, 2019

6:00 p.m.— New River Valley Business Center, Fairlawn

- I. **CALL TO ORDER**
- II. **CONSENT AGENDA**
 - A. Approval of Minutes for August
 - B. [Approval of Treasurer's Report for August](#)
- III. **COMMONWEALTH INTERGOVERNMENTAL REVIEW PROCESS**
 - A. Projects (Signed-off by the staff)
 - None
 - B. Regular Project Review
 - None
 - C. Environmental Project Review
 - 1. [Town of Pulaski - Water System Improvements Project](#)
 - 2. [VADEQ FY20-25 Section 106 2019 Additional Supplemental Appropriation for Disaster Relief Act Funding](#)
- IV. **PUBLIC ADDRESS**
- V. **REVIEW OF MUTUAL CONCERNS AND COMMISSIONERS' REPORTS**
- VI. **CHAIR'S REPORT**
- VII. **[EXECUTIVE DIRECTOR'S REPORT](#)**
- VIII. **OLD BUSINESS**
- IX. **NEW BUSINESS**
 - A. [New River Health District Programs/Initiatives](#)
 - Remarks: Dr. Noelle Bissell, Director
 - Commission Discussion
 - B. [Comprehensive Economic Development Strategy – Consumer Version](#)
 - Commission Discussion
 - C. [Annual Report for FY19 \(included in packet\)](#)
 - Commission Discussion
 - D. Next Commission Meeting – October 24th

All meeting materials posted on the Commission website www.nrvrc.org

The New River Valley Regional Commission provides area wide planning for the physical, social, and economic elements of the district; encourages and assists local governments in planning for their future; provides a means of coordinating federal, state, and local efforts to resolve area problems; provides a forum for review of mutual concerns; and implements services upon request of member local governments.



6580 Valley Center Drive | Suite 124 | Radford, VA 24141 | 540-639-9313

MEMORANDUM

N R V R C . O R G

To: NRVRC Board Members
From: Jessica Barrett, Finance Technician
Date: September 18, 2019
Re: August 2019 Financial Statements

The August 2019 Agencywide Revenue and Expenditure Report and Balance Sheet are enclosed for your review. Financial reports are reviewed by the Executive Committee prior to inclusion in the meeting packet.

The Agencywide Revenue and Expense report compares actual year to date receipts and expenses to the FY19-20 budget adopted by the Commission at the June 27, 2019 meeting. The financial operations of the agency are somewhat fluid and projects, added and modified throughout the year, along with the high volume of Workforce program activities, impact the adopted budget. To provide clarity, Commission and Workforce Development Board activities are separated on the agencywide report.

As of month-end August 2019 (16.67% of the fiscal year), Commission year to date revenues are 19.11% and expenses are 15.98% of adopted budget. The two largest budget expense lines, Salary and Fringe, are in line with budget at 17.84% and 18.77%, respectively. Revenue to date currently exceeds expenditures by approximately \$50,000 and is due in large part to the FY20 assessment (commission dues) invoiced in July.

Looking at the balance sheet, Accounts Receivable is \$535,007. Of this total, Workforce receivables are \$263,179 (49%) and current. Fiscal year-end procedures require all outstanding projects at year-end be closed into accounts receivable, resulting in an above average balance at the beginning of the fiscal year, but should return to average levels as the year progresses. The Executive Committee reviews all aged receivables over 60 days and no receivables are deemed uncollectible. Net Projects (\$112,143) represents project expenses, primarily quarterly and benchmark projects, that cannot be invoiced yet and posted to receivables.

Strengthening the Region through Collaboration

Counties

Floyd | Giles
Montgomery | Pulaski
City
Radford

Towns

Blacksburg | Christiansburg
Floyd | Narrows | Pearisburg
Pembroke | Pulaski
Rich Creek

Higher Education

Virginia Tech
Radford University
New River Community College

New River Valley Regional Commission
Balance Sheet
8/31/2019

Assets:

| | |
|------------------------|---------|
| Operating Account | 244,600 |
| Certificate of Deposit | 104,875 |
| Money Market Account | 84,747 |
| Accounts Receivable | 535,007 |
| Prepaid Item | 5,901 |
| Total Assets: | 975,131 |

Liabilities:

| | |
|-----------------------|---------|
| Accounts Payable | 48,074 |
| Accrued Annual Leave | 81,071 |
| Accrued Unemployment | 26,008 |
| Unearned Revenue | 10,563 |
| Expense Reimbursement | 420 |
| Total Liabilities: | 166,136 |

Projects:

| | | |
|-------------------|---|-----------|
| (Equity Accounts) | Net Projects | (112,143) |
| | Current Year Unrestricted | 164,501 |
| | Unrestricted Net Assets | 759,444 |
| | Total Projects (Equity) | 811,802 |
| | Total Liabilities and Projects | 977,938 |
| | Net Difference to be Reconciled | (2,806) |
| | Total Adjustments to Post* | 2,806 |
| | Unreconciled Balance (after adjustment) | 0 |

*YTD adjustment to Accrued Leave. Final adjustment will be posted to general ledger at fiscal year end closeout.

**New River Valley Regional Commission
Revenue and Expenditures - August 2019**

| FY19-20 Budget Adopted 6/27/2019 | August 2019 | YTD | Under/Over | (16.67% of FY) % Budget | |
|---|------------------|-----------------|----------------|----------------------------|---------------|
| NRVRC Anticipated Revenues | | | | | |
| ARC | 68,666 | 0 | 17,167 | 51,500 | 25.00% |
| ARC - Prices Fork | 2,950 | 0 | 0 | 2,950 | 0.00% |
| ARC- Commerce Park Grading | 8,000 | 0 | 0 | 8,000 | 0.00% |
| ARC - James Hardy Construction | 5,000 | 0 | 0 | 5,000 | 0.00% |
| LOCAL ASSESSMENT | 233,867 | 0 | 219,150 | 14,717 | 93.71% |
| DHCD - Administrative Grant | 75,971 | 0 | 0 | 75,971 | 0.00% |
| DRPT RIDE Solutions NRV | 65,649 | 0 | 0 | 65,649 | 0.00% |
| EDA | 70,000 | 17,500 | 17,500 | 52,500 | 25.00% |
| Workforce Fiscal Agent | 65,000 | 20,000 | 20,000 | 45,000 | 30.77% |
| Workforce Pathways Fiscal Agent | 50,000 | 12,500 | 12,500 | 37,500 | 25.00% |
| VDOT | 58,000 | 0 | 0 | 58,000 | 0.00% |
| VDOT - Rocky Knob Project | 73,000 | 0 | 0 | 73,000 | 0.00% |
| Floyd County | 15,000 | 0 | 0 | 15,000 | 0.00% |
| Floyd Town | 9,000 | 2,664 | 2,664 | 6,336 | 29.60% |
| Giles County | 18,000 | 0 | 0 | 18,000 | 0.00% |
| Narrows Town | 23,500 | 0 | 0 | 23,500 | 0.00% |
| Pearisburg Town | 30,250 | 0 | 0 | 30,250 | 0.00% |
| Rich Creek Town | 20,000 | 0 | 0 | 20,000 | 0.00% |
| Montgomery County | 44,850 | 4,068 | 4,068 | 40,782 | 9.07% |
| Blacksburg Town | 14,000 | 1,167 | 2,333 | 11,667 | 16.67% |
| Christiansburg Town | 24,250 | 0 | 0 | 24,250 | 0.00% |
| Pulaski County | 10,000 | 0 | 0 | 10,000 | 0.00% |
| Pulaski Town | 56,250 | 1,911 | 1,911 | 54,339 | 3.40% |
| Radford City | 70,000 | 0 | 0 | 70,000 | 0.00% |
| Radford University | 31,709 | 0 | 0 | 31,709 | 0.00% |
| Virginia Tech | 5,000 | 0 | 0 | 5,000 | 0.00% |
| Miscellaneous (Meetings/Interest/Recovered Costs) | 0 | 0 | 33 | (33) | 0.00% |
| Virginia's First RIFA | 27,500 | 2,292 | 4,583 | 22,917 | 16.67% |
| NRV MPO | 40,000 | 0 | 0 | 40,000 | 0.00% |
| Anticipated Windshield Surveys | 7,000 | 0 | 0 | 7,000 | 0.00% |
| VHDA Regional Housing Local Support | 6,828 | 0 | 0 | 6,828 | 0.00% |
| Dept of Environmental Quality | 7,500 | 0 | 0 | 7,500 | 0.00% |
| VECF - Mixed Delivery | 114,880 | 0 | 0 | 114,880 | 0.00% |
| VA Housing Development Authority | 30,065 | 0 | 0 | 30,065 | 0.00% |
| VECF - Preschool Development | 128,090 | 0 | 0 | 128,090 | 0.00% |
| VECF - Systems Building | 40,000 | 0 | 0 | 40,000 | 0.00% |
| Southwest Virginia SWMA | 2,000 | 0 | 0 | 2,000 | 0.00% |
| New River Health District | 25,000 | 0 | 0 | 25,000 | 0.00% |
| New River Valley Development Corporation | 21,700 | 1,808 | 3,617 | 18,083 | 16.67% |
| Sub Total Revenues | 1,598,474 | 63,910 | 305,527 | 1,292,948 | 19.11% |
| Expenses | | | | | |
| Salaries | 799,604 | 73,351 | 142,689 | 656,915 | 17.84% |
| Fringe Benefits | 200,381 | 19,260 | 37,621 | 162,760 | 18.77% |
| Travel | 21,480 | 5,931 | 8,060 | 13,420 | 37.52% |
| Office Space | 49,968 | 4,164 | 8,328 | 41,640 | 16.67% |
| Communications | 11,165 | 890 | 2,352 | 8,813 | 21.06% |
| Office Supplies | 30,120 | 4,953 | 6,301 | 23,819 | 20.92% |
| Postage | 2,075 | 19 | 38 | 2,037 | 1.83% |
| Printing | 4,500 | 0 | 0 | 4,500 | 0.00% |
| Copier Usage/Maintenance | 2,000 | 234 | 234 | 1,766 | 11.71% |
| Outreach/Media Adv | 10,400 | 1,322 | 2,122 | 8,278 | 20.41% |
| Equipment Rent/Copier | 4,219 | 352 | 703 | 3,516 | 16.66% |
| Fleet Vehicles | 7,983 | 112 | 284 | 7,699 | 3.55% |
| Dues/Publications | 16,861 | 3,800 | 6,546 | 10,315 | 38.82% |
| Training/Staff Development | 93,750 | 1,034 | 1,260 | 92,490 | 1.34% |
| Insurance | 3,250 | 256 | 511 | 2,739 | 15.73% |
| Meeting Costs | 10,250 | 435 | 640 | 9,610 | 6.24% |
| Contractual Services | 313,324 | 15,027 | 28,759 | 284,565 | 9.18% |
| Professional Services Audit/Legal | 4,540 | 0 | 0 | 4,540 | 0.00% |
| Miscellaneous/Fees | 4,700 | 447 | 786 | 3,914 | 16.72% |
| Reimbursed Expenses | 0 | 5,124 | 8,225 | (8,225) | 0.00% |
| Unassigned Expenses | 7,904 | 0 | 0 | 0 | 0.00% |
| Sub Total Expenses | 1,598,474 | 136,710 | 255,458 | 1,335,112 | 15.98% |
| NRVRC Balance | 0 | (72,800) | 50,069 | | |

**New River/Mount Rogers Workforce Development Board
Revenue and Expenditures - August 2019**

(16.67% of FY)

| NR/MR WDB Anticipated Revenues | August 2019 | YTD | Under/Over | % Budget | |
|-----------------------------------|------------------|----------------|----------------|------------------|---------------|
| Workforce Development Area | 2,038,827 | 100,944 | 230,678 | 1,808,149 | 11.31% |
| Sub Total Revenues | 2,038,827 | 100,944 | 230,678 | 1,808,149 | |
| Expenses | | | | | |
| Salaries | 473,687 | 35,841 | 74,481 | 399,206 | 15.72% |
| Fringe Benefits | 136,054 | 9,613 | 20,208 | 115,846 | 14.85% |
| Travel | 15,000 | 1,357 | 2,588 | 12,412 | 17.25% |
| Office Space | 53,000 | 2,266 | 7,448 | 45,552 | 14.05% |
| Communications | 11,000 | 818 | 1,660 | 9,340 | 15.09% |
| Office Supplies | 6,600 | 255 | 914 | 5,686 | 13.84% |
| Postage | 250 | 0 | 0 | 250 | 0.00% |
| Printing | 750 | 0 | 0 | 750 | 0.00% |
| Copier Usage/Maintenance | 750 | 0 | 0 | 750 | 0.00% |
| Outreach/Media Adv | 7,500 | 347 | 363 | 7,137 | 4.84% |
| Equipment Rent/Copier | 1,600 | 94 | 219 | 1,381 | 13.69% |
| Dues/Publications | 0 | 1,250 | 2,000 | (2,000) | 0.00% |
| Insurance | 2,500 | 0 | 1,168 | 1,332 | 46.72% |
| Meeting Costs | 8,000 | 423 | 6,141 | 1,859 | 0.00% |
| Contractual Services | 1,310,786 | 48,647 | 111,273 | 1,199,513 | 8.49% |
| Professional Services Audit/Legal | 10,000 | 0 | 0 | 10,000 | 0.00% |
| Miscellaneous/Fees | 1,350 | 0 | 0 | 1,350 | 0.00% |
| Workforce Grants Admin | 0 | 31 | 2,217 | (2,217) | 0.00% |
| Sub Total Expenses | 2,038,827 | 100,944 | 230,678 | 1,808,149 | 11.31% |
| NR/MR WDB Balance | 0 | 0 | 0 | | |

| Total Agency R&E | August 2019 | YTD | | |
|---------------------|-------------|-----------------|---------------|--------|
| Anticipated Revenue | 3,637,301 | 164,855 | 536,205 | 14.74% |
| Anticipated Expense | 3,637,301 | 237,654 | 486,137 | 13.37% |
| Balance | 0 | (72,800) | 50,069 | |



6580 Valley Center Drive | Suite 124 | Radford, VA 24141 | 540-639-9313

NRVRC.ORG

COMMONWEALTH INTERGOVERNMENTAL REVIEW MEMORANDUM

TO: Regional Commission Board Members

FROM: Kevin R. Byrd, Executive Director

AGENDA ITEM: III. Intergovernmental Review Process, C. Environmental Project Review, Item #1

CIRP Review

September 19, 2019

PROJECT: Town of Pulaski - Water System Improvements Project
VA190827-00700400155

SUBMITTED BY: CHA Consulting

PROJECT DESCRIPTION: CHA Consulting is requesting comments on a proposed project.

PROJECT SENT FOR REVIEW TO: Commission Board Members

Strengthening the Region through Collaboration

Counties

Floyd | Giles
Montgomery | Pulaski
City
Radford

Towns

Blacksburg | Christiansburg
Floyd | Narrows | Pearisburg
Pembroke | Pulaski
Rich Creek

Higher Education

Virginia Tech
Radford University
New River Community College



August 27, 2019

Mr. Kevin Byrd, AICP
Executive Director
New River Valley Regional Commission
6580 Valley Center Drive, Suite 124
Radford, VA 24141

VIA EMAIL

**Re: Environmental Review Request for Town of Pulaski, Water System Improvements Project;
CHA Project No. 35646**

Dear Mr. Byrd:

CHA Consulting, Inc. is presently working with the Town of Pulaski to prepare an Environmental Assessment (EA) pursuant to the National Environmental Policy Act to assess the potential environmental impacts of the Water System Improvements Project in the Town of Pulaski, Virginia. A summary of the proposed project and supporting information are provided below for your review and preparation of the agency response.

Background

The Town of Pulaski, located in Pulaski County, Virginia, owns and operates a public water system which serves the Town and some small areas of the County. Water is supplied from a 4 million gallon per day (MGD) water treatment plant that draws water from Peak Creek. The Brookmont section of the distribution system has not consistently complied with the disinfection byproducts (DBPs) regulation limitations and requirements, putting the system in violation of Virginia and Federal guidelines. DBP formation generally increases with water age in distribution systems and system modeling has shown excessive water ages in parts of the system. The purpose of the water improvements project is to improve water quality in the Brookmont area of the County and the Veteran's Hill area of the Town by reducing water ages in these areas.

Project Description

The project consists of the abandonment of some water system tanks and equipment with replacements designed to reduce water age and improve water quality. The following sections summarize the planned water system improvements. The locations of the potential tanks and waterlines are shown on the attached map.

1341 Research Center Dr., Suite 2100, Blacksburg, VA 24060
T 540.552.5548 • F 540.552.5577 • www.chacompanies.com

Abandonment of Existing Water Assets:

The following tanks will be abandoned. This may involve abandonment of these tanks in place or demolition and removal of construction debris from the site. Any material removed from the site will be disposed of in accordance with all state and federal laws:

- Veteran's Hill Tank (500,000 gallons)
- Needmore Tanks #1 (120,000 gallons)
- Needmore Tank #2 (500,000 gallons)
- Pleasant Hill Tank (300,000 gallons)
- Schrader Hill Tank (44,000 gallons)*
- Schrader Hill Hydropneumatic Tanks (2 tanks, each 1,600 gallons)*

**These will only be abandoned if Alternative B (discussed below) is selected).*

The following pump stations will be abandoned which may involve abandonment of the building or demolition of the structure and disposal of the material. Any material removed from the site will be disposed of in accordance with applicable state and federal laws:

- Schrader Pump Station
- Veteran's Hill Pump Station
- Needmore Pump Station (at WTP site)
- Pleasant Hill Pump Station
- Hospital Pump Station

New Water Assets:

As part of this project, additional tanks and equipment will be installed to replace the abandoned equipment and help with water age. The following list summarizes these new assets:

- A 250,000-gallon elevated tank is proposed to be installed on Loving Field Road. This will include work in a previously disturbed area. The construction will include grading and installation of the tank.
- A pressure reducing valve will also be installed on Loving Field Road which will include installation of an approximately 5-foot by 10-foot, 4-foot deep underground vault in a previously disturbed area.
- A pressure reducing valve will also be installed off Brookmont Road which will include installation of a 5-foot by 10-foot, 4-foot deep underground vault in a previously disturbed area. This will be installed if the Alternative B waterline option described below is selected.
- A pump station will be installed at the Pulaski Water Treatment Plant in a previously disturbed area. This will replace the Needmore Pump Station.
- There is a small extension (~50-feet) of 8" waterline to be installed on Veterans Hill Road to connect two pressure zones that are currently isolated. This work will occur in a residential area within the road right-of-way.



- There are currently two options for the major waterline installation.
 - Alternative A will be a less expensive option that will improve (reduce) water age. The project will consist of the installation of approximately 3,400 feet of new 12” waterline. This line will be installed along road rights-of-way in previously disturbed areas.
 - Alternative B will improve (reduce) water age more than Alternative A and would also extend water service further into the County. The project consists of the installation of approximately 42,000 feet of new 8” or 12” waterline. This waterline project is divided into multiple phases as shown on the map as part of the PER cost analysis. Most of this line will be installed along road rights-of-way in previously disturbed areas. However, approximately 1,500 feet of the waterline from Hilton Village to the proposed Loving Field Tank will cross an agricultural field.

We request that your office review the proposed project for any issues that may occur in the project area. Please provide any recommendations you may have to mitigate or avoid any impacts. We would appreciate a response at your earliest opportunity. If you need any further information or wish to discuss the project further, please contact me at 540-552-5548 or by e-mail at amarsh@chacompanies.com. We appreciate your assistance in this matter.

Sincerely,

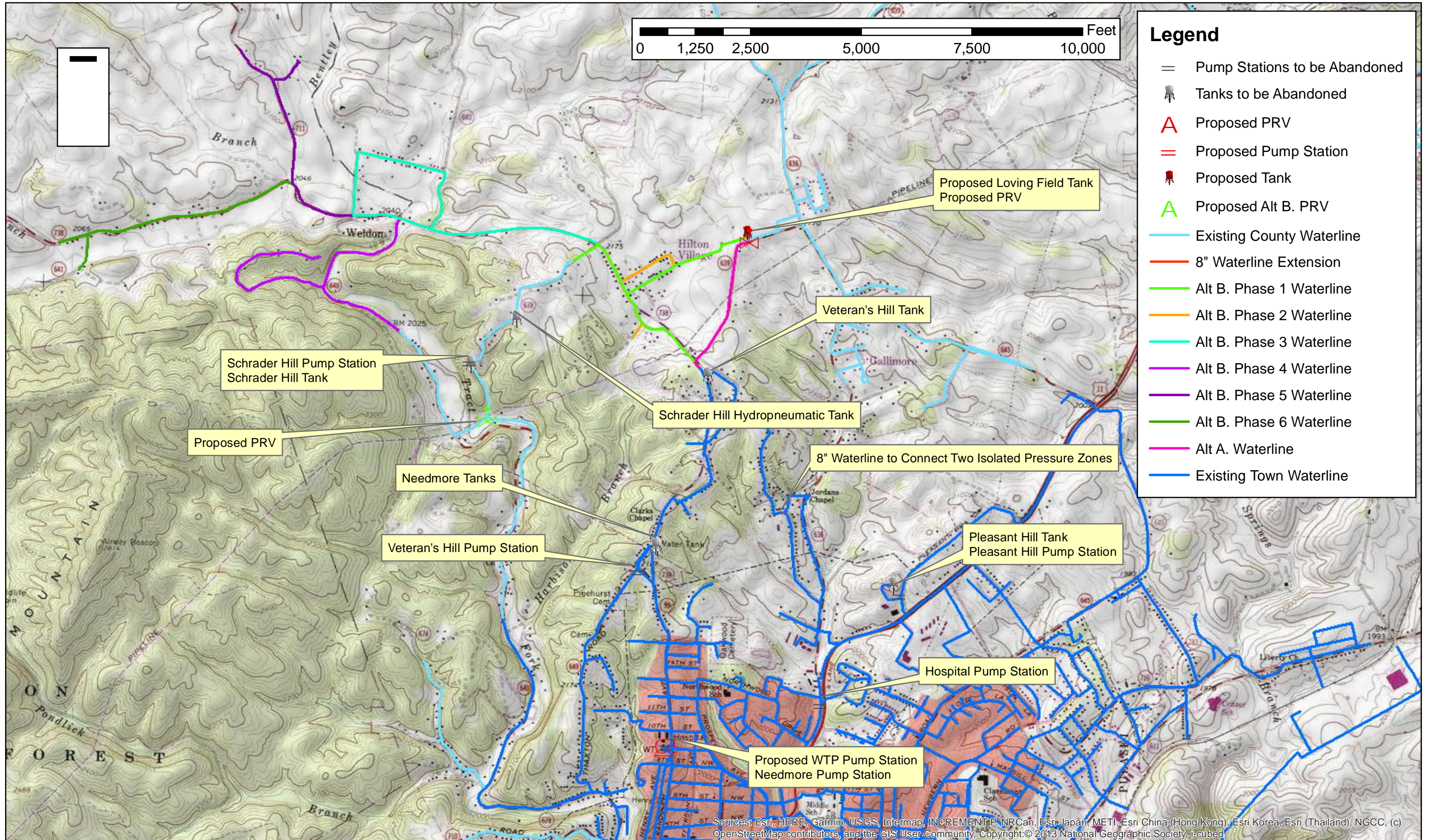


Amanda Marsh
Senior Scientist

ACM/lhl

Enclosures

cc: R. Lawrence Hoffman, Associate Vice President, Senior Project Manager, CHA Consulting, Inc.



PROPOSED WATER IMPROVEMENTS TOWN OF PULASKI & PULASKI COUNTY, VIRGINIA

JN: 35646
AUG 2019



6580 Valley Center Drive | Suite 124 | Radford, VA 24141 | 540-639-9313

NRVRC.ORG

COMMONWEALTH INTERGOVERNMENTAL REVIEW MEMORANDUM

TO: Regional Commission Board Members

FROM: Kevin R. Byrd, Executive Director

AGENDA ITEM: III. Intergovernmental Review Process, C. Environmental Project Review, Item #2

CIRP Review

September 19, 2019

PROJECT: VADEQ FY20-25 Section 106 2019 Additional Supplemental Appropriation for Disaster Relief Act Funding
VA190917-00800400400

SUBMITTED BY: DEQ

PROJECT DESCRIPTION: Virginia Department of Environmental Quality is requesting comments on a grant application requesting federal funds.

PROJECT SENT FOR REVIEW TO: Commission Board Members

Strengthening the Region through Collaboration

Counties

Floyd | Giles
Montgomery | Pulaski
City
Radford

Towns

Blacksburg | Christiansburg
Floyd | Narrows | Pearisburg
Pembroke | Pulaski
Rich Creek

Higher Education

Virginia Tech
Radford University
New River Community College

Application for Federal Assistance SF-424

* 1. Type of Submission:

- Preapplication
 Application
 Changed/Corrected Application

* 2. Type of Application:

- New
 Continuation
 Revision

* If Revision, select appropriate letter(s):

* Other (Specify):

* 3. Date Received:

Completed by Grants.gov upon submission.

4. Applicant Identifier:

5a. Federal Entity Identifier:

5b. Federal Award Identifier:

State Use Only:

6. Date Received by State:

7. State Application Identifier:

8. APPLICANT INFORMATION:

* a. Legal Name: Virginia Department of Environmental Quality

* b. Employer/Taxpayer Identification Number (EIN/TIN):

54-1661753

* c. Organizational DUNS:

8097437680000

d. Address:

* Street1: 1111 East Main Street, Suite 114

Street2:

* City: Richmond

County/Parish:

* State: VA: Virginia

Province:

* Country: USA: UNITED STATES

* Zip / Postal Code: 23219-2405

e. Organizational Unit:

Department Name:

Office of Financial Management

Division Name:

Division of Administration

f. Name and contact information of person to be contacted on matters involving this application:

Prefix:

Ms.

* First Name:

Kizmet

Middle Name:

O

* Last Name:

Tavarez Alonzo

Suffix:

Title: Senior Financial Analyst

Organizational Affiliation:

* Telephone Number: 804-698-4270

Fax Number: 804-698-4178

* Email: kizmet.alonzo@deq.virginia.gov

Application for Federal Assistance SF-424

*** 9. Type of Applicant 1: Select Applicant Type:**

A: State Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.419

CFDA Title:

Water Pollution Control State, Interstate, and Tribal Program Support

*** 12. Funding Opportunity Number:**

EPA-CEP-01

* Title:

EPA Mandatory Grant Programs

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment

Delete Attachment

View Attachment

*** 15. Descriptive Title of Applicant's Project:**

VA Department of Environmental Quality,
FY 2020 - FY 2025,
Section 106 2019 Additional Supplemental Appropriation for Disaster Relief Act Funding

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424

16. Congressional Districts Of:

* a. Applicant

* b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment

Delete Attachment

View Attachment

17. Proposed Project:

* a. Start Date:

* b. End Date:

18. Estimated Funding (\$):

| | |
|---------------------|---|
| * a. Federal | <input type="text" value="437,900.00"/> |
| * b. Applicant | <input type="text" value="0.00"/> |
| * c. State | <input type="text" value="0.00"/> |
| * d. Local | <input type="text" value="0.00"/> |
| * e. Other | <input type="text" value="0.00"/> |
| * f. Program Income | <input type="text" value="0.00"/> |
| * g. TOTAL | <input type="text" value="437,900.00"/> |

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

a. This application was made available to the State under the Executive Order 12372 Process for review on

b. Program is subject to E.O. 12372 but has not been selected by the State for review.

c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**

Yes No

If "Yes", provide explanation and attach

Add Attachment

Delete Attachment

View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name:

Middle Name:

* Last Name:

Suffix:

* Title:

* Telephone Number: Fax Number:

* Email:

* Signature of Authorized Representative: * Date Signed:

Virginia Department of Environmental Quality

Grant Work Plan FY2020 – FY2025

106 WATER Activities: Supplemental Disaster Funding

| | |
|--|---|
| Goal: 1 Clean and Safe Water | |
| Objective: Protect Water Quality | |
| Work Plan Component/Program: Water Quality Assessment Workyears: 2020 - 2025 | EPA Contact(s): Diana Saintignon (215) 814-2760 Bill Richardson (215) 814-5675 |
| State Contact(s): Sandra Mueller 804-698-4324 | Project Description: DEQ staff in each of the regional offices collects water samples on a routine schedule at more than 1,500 locations across the Commonwealth. These water samples are shipped to a state laboratory for chemical and bacterial tests. The samples are tested for levels of nutrients, solids, bacteria associated with human and animal wastes, toxic metals, some pesticides and harmful organic compounds. DEQ's scientists also perform on-the-spot field tests for dissolved oxygen, pH, temperature, salinity, and additional indications of water quality. Sediment samples from estuarine ProbMon stations are tested for the presence of select pesticides and other toxic compounds. During the Water Quality Assessment process, monitoring results from the agency's robust monitoring network are compared to water quality standards to determine if the water quality "measures up", for example, if it is clean enough for swimming, fishing and other uses. If water quality falls below a certain level of cleanliness, DEQ identifies the location, the parameter of concern (such as high bacteria counts) and the likely sources (such as failing septic systems or feedlot runoff). Rising sea level and increasing coastal storm strengths create a growing risk for contamination of waterways by floodwaters. With an increased rate of microbial contamination in flooded waterways, there is an on-going need for easy access to DEQ's water quality assessment data. This project will help make DEQ's extensive catalog of water quality assessment data more readily accessible to the public by creating an enterprise database application (i.e., CEDS WQA) to house DEQ's assessment data. Furthermore, by creating the CEDS WQA application, DEQ has the ability to efficiently upload assessment data to EPA's Assessment, Total Maximum Daily Load, Tracking and Implementation System (ATTAINS), an online system for accessing information about conditions in the surface waters of the US. This project will make Virginia's water quality assessment data more accessible to counties that have been designated as having significant impacts from Hurricane Florence, which will in turn allow localities and state agencies to develop more comprehensive watershed management and restoration plans to address recovery and resiliency. |
| Task | Measures |
| | WQ-SP12.N11 – Improve water quality conditions in impaired watersheds nationwide using the watershed approach WQ-SP13.N11: Ensure that the condition of the Nation's streams does not degrade (i.e., there is no statistically significant increase in the percent of streams rated "poor" and no statistically significant decrease in the streams rated "good"). |
| | Outputs |
| | Create a user-friendly interface within DEQ's Comprehensive Environmental Data System (CEDS) to complete water quality assessments. Provide stakeholders and the general public easy access DEQ's water monitoring assessment data stored in the Comprehensive Environmental Database (CEDS). This project will focus on making assessment data available to counties that have disaster designations. |
| | Outcome |

| Goal: 2 Clean and Safe Water | | | |
|--|--|---|----------------|
| Objective(s): Water Quality on a Watershed Basis | | | |
| Work Plan Component/Program: Implementation | EPA Contact(s): Diana Saintignon (215) 814-2760 Ed Hopkins (215) 814-5401 | State Contact(s): Lauren Linville (804) 698-4096 | |
| Workyears: 2020 – 2025 | <p>Program Description: DEQ has developed dozens of TMDL Implementation Plans (IPs) across the Commonwealth. These IPs are based upon the analyses in the corresponding TMDL for a given watershed and outline the measures necessary to attain water quality standards. Once plans are developed, BMPs are installed to reduce pollutant loading and achieve water quality improvements. While IPs are generally not developed with disaster mitigation in mind, many of the BMPs described in an IP offer co-benefits that reduce pollutant loading while also mitigating flood risks or repairing flood damage. Example BMPs might include riparian buffers, streambank restoration, infiltration or retention measures, and living shorelines.</p> <p>Under this task, funds would be provided to 1-3 grantee(s) that are identified as being located in a watershed with an EPA-approved IP that are also identified as affected by Hurricane Florence. Funding would be used by the grantee(s) to install select BMPs (i.e., those in the IP that have a connection to reducing the risk from floods or other disasters) under a cost-share program. Funding would include a portion for technical assistance to support grantee staff.</p> <p>DEQ has not yet identified a specific grantee(s). DEQ has identified over 30 IPs that overlap with the declared counties (see figure below). DEQ has also identified a list of over 25 BMPs that provide flood mitigation benefits. As a result, there are ample watersheds with potential BMP locations that could be included in this project. DEQ expects that it would coordinate with EPA, local stakeholders, other state agencies, and others to determine the detailed scope of work, including appropriate watersheds/partners, number of subawards, specific BMPs of interest, etc.</p> <p>DEQ currently funds implementation projects (via section 319(h)) in several of the declared counties. This may provide an opportunity to supplement subawards to existing grantees.</p> | | |
| Environmental Outcomes | Measures | Outputs (Commitments) | Status/Comment |
| Improved condition of water quality | BMPs installed | <p>The final list of BMPs to be installed will be developed in concert with the watershed stakeholders. The actual list will vary, as different BMPs may be selected, BMP cost will vary based on the size of the BMP, etc. For demonstration purposes, the following is an example breakdown of the suite of BMPs that could be installed under this workplan.</p> <p>7 livestock exclusion fence BMPs (with riparian buffer) 5 vegetative cover BMPs 3 constructed wetland BMPs</p> | |

Goal: 3 Assessing vulnerability of private wells to flooding

Objective: Protect human health by reducing exposure to contaminants in drinking water (including protecting source waters), in fish and shellfish, and in recreational waters.

Work Plan Component/Program:
Ground Water Protection
Workyears: 2020 - 2025

EPA Contact(s):
Ed Hopkins
(215)814-5401

State Contact(s):
Scott Kudlas
804-698-4456

Project Description: Private water wells are a significant source of potable water supply in the Coastal Plain of Virginia and are threatened by short term contamination from storm induced flooding and may also provide a conduit for long-term contamination of source water aquifers from repeated or permanent due to sea level rise.

An estimated 1.4 million private wells nation- wide may have been contaminated by floodwaters during the past three hurricane seasons. With an increased rate of microbial contamination in flooded private wells, there is an on-going need for recovery guidance and increased monitoring. As drinking water in private wells is not regulated at the state or federal level, private well users have sole responsibility for ensuring the safety of their water. Although well users are encouraged to take precautionary measures such as sealing the top of the well, there are multiple pathways of contamination. Well water disinfection (e.g., shock chlorination) is the key remediation strategy recommended to reduce microbial risks after flooding, which involves addition of free chlorine into water. Despite the widespread use and efficacy of chlorine-based disinfectants, researchers have shown shock chlorination and other similar chlorination methods do not always reduce total coliform and E. coli in well systems.

Rising sea level and increasing coastal storm strengths create a growing risk for contamination of drinking water aquifers by floodwaters entering private wells. Most of the rural population in Virginia’s coastal zone is supplied by individual wells that can provide a path to otherwise confined aquifers when they become submerged in flood waters. These aquifers are the primary source of drinking water for the rural population in this area. Surface water alternatives are limited due to the brackish nature of the available sources of supply and the costs of developing a supply.

This project will examine the capacity to identify the risks to the aquifers, and their associated water supply benefit, by combining the latest information on regional rates of sea level rise, return frequency analyses of high water levels, and data on well locations, types, and depths. The objective will be development of a geo-referenced database that can identify areas of higher risks and that is suitable for interfacing with the water supply planning and source water protection efforts of the Commonwealth, including the ability to evaluate this data in the context of the latest groundwater flow models of coastal plain aquifer system.

The biggest challenge in creating this information is the condition of the data on well location and type. Wells for private residences are regulated through a permitting program managed by the Virginia Department of Health. As part of the Commonwealth’s efforts to better track and manage individual private well use within the coastal plain, new statutory authority provided in 2015 requires the registration of this data by well drillers for every new well. More than 60% of these wells are registered through the Commonwealth’s on-line portal. While this new well information is now kept in a searchable digital database, older records, which cover a majority of the estimated 300,000 wells in rural localities – are largely paper forms in filing cabinets. It is difficult to predict the level of effort that will be required to access and transcribe the information on these forms into a searchable digital data base. Limited previous experience suggests that even if the records are readily accessible, inconsistencies in data entry can require significant additional work to generate accurate location and well construction data.

We propose to undertake this task in two localities in Virginia’s Northern Neck – Northumberland and Lancaster counties -- impacted by Hurricane Florence. The Health Department staff in the District office has been interested and cooperative in trying to develop similar databases previously, and we have already collected information on land elevation, building locations, and soils in the region.

| Task | Measures | Outputs | Outcome |
|------|----------|--|---------|
| | | <p>Submit summary report to EPA on DEQ, local VDH, and VIMS Assessing vulnerability of private wells to storm inundation and recurrent flooding in the Virginia Coastal Plain.</p> <p>Work on this project will involve four tasks that DEQ expects to contract out to the Virginia Institute of Marine Science:</p> <ol style="list-style-type: none"> 1. Create the digital database of private wells for the test area. For this project we propose to work with both DEQ staff and VDH staff to define the information that is most useful, and reasonably available for the well risk analysis. With that framework, we will deploy workers to the VDH Three Rivers Health District offices to access and transcribe information from paper permit records into a digital database. We expect this to be a long and challenging process, as we learn what is possible in working with the old permits. The goal will be to build as complete a record set as possible in the project period. If practical, we will focus on properties below 10 feet in elevation since current projections make those the areas most likely to experience storm surges between now and 2100. A previous project on septic systems found just over 2,000 buildings in Lancaster and Northumberland counties that fall below 10 feet in elevation. Of course, focusing in this zone presumes it is possible to sort permits by general areas within each county, and that is not a given. If it is not practical we will simply tackle records by starting with the most recent and working backwards. 2. Establish flood probability zones based on tide records and sea level rise projections. The flood risks associated with each elevation in the test localities can be assessed initially by plotting locations with respect to FEMA flood zones. We will do this, but we also intend to develop a more sophisticated and locally specific analysis using local and regional data. We have already developed sea level rise projections for the region based on the long-term tide gauge records available in Chesapeake Bay. This information differs from the global climate model projections by virtue of being an analysis of observations over the past 50+ years. Statistical analysis is used to describe the quadratic trend of recorded water levels and that trend is projected forward, with a 95% confidence interval, to 2050. (Information on this analysis is available at: https://www.vims.edu/research/products/sirc/background/index.php) Currently the NOAA model-based sea level rise projection intermediate curve is most similar to the VIMS observation-based trend line through 2050. Therefore, we are using the NOAA projection for 2100 for analytical purposes at the present time. Coastal storms generate flooding events on top of normal tides, and we will estimate the risk to wells by assessing the observed return frequency of high water levels in the test area. For this we use water level observations going back 19 years (basically one tidal epoch, the standardized period for analysis of tidal records to determine tidal datums). We are using this recent data in an effort to capture increasing storm intensity and frequency. This tends to increase risk assessments, but avoids underestimating risks in a changing climate. Water level return frequencies are calculated for all observed water heights and that information is used to assign elevation-based risk values for structures – in this case wells - on the land surface. 3. Map well locations and assess potential flood risks at intervals through 2100. We will use whatever information we have been able to develop from the paper records, combined with newer digital records, to generate a map coverage for the test localities showing well locations. | |

| | | |
|--|---|--|
| | <p>Supporting data files will be produced to enhance the utility of the information for integration with other analytical tools such as the groundwater model.</p> <p>4. Develop database guidance and analytical protocols for extending analysis to other localities</p> <p>We will summarize the lessons learned in developing the permit database for the test area, and generate a recommended format for records. The analytical protocol for the risk assessment will also be detailed after consultation with DEQ and VDH to ensure any future efforts are as efficient and useful as possible.</p> <p>Budget and timeline: DEQ intends to contract this project to the Virginia Institute of Marine Sciences. See attached budget for detail. We anticipate completing this project over 18 months.</p> | |
|--|---|--|



6580 Valley Center Drive | Suite 124 | Radford, VA 24141 | 540-639-9313

September 18, 2019

N R V R C . O R G

Executive Director's Report

Economic Development:

- The Appalachian Regional Commission (ARC) grant requests for 2020 will most likely be due the beginning of January.
- Planning grants are available from DHCD/CDBG funds for the development of Opportunity Zone prospectus. Staff is reaching out to communities to determine interest in pursuing funding to prepare local opportunity zone prospectus.
- The consultants working on the Montgomery County/Radford Broadband Plan are conducting interviews with community leaders this week and began mapping of the un/under-served areas.
- The Commission anticipates positive news for Giles County on the US EPA program, Recreation Economies for Rural Communities. The assistance will help advance work to connect communities to surrounding natural resources.

Transportation:

- The I-81 Corridor Committee will hold their second meeting on October 1st at 3:00pm at the Natural Bridge State Park.
- NRV Rail 2020 will host a legislative reception on October 3rd 5:30-7:00pm at the Great Road on Main in Christiansburg. The Secretary of Transportation, Shanon Valentine, will provide remarks. Commission staff will be following up with local governments about their support to establish an authority to own/operate the NRV Passenger Rail Station with the intent of securing General Assembly enabling legislation in 2020.

Regional:

- The Commission is hosting a regional Emergency Management Coordinators meeting on October 9th to discuss river safety/rescue, resources needed and mileage markers on the river. The Watershed Roundtable identified the need for this forum to share information.
- The Regional + Local Housing Study team will be meeting with elected officials in work sessions over the next couple of months to review community-specific data and local strategies for inclusion in the final report which is anticipated late December.

Commission:

- Janet McNew, Director of Finance and Personnel, will be retiring effective September 30th following 20 years of service at the Commission! She has been instrumental in the success of the Commission serving our communities. She started as a project manager working on projects such as the Women's Resource Center and the Jacksonville/Floyd Center for the Arts. She also served as Office Manager prior to finishing her career as Director of Finance.
- Transition of the Millstone Kitchen operations is moving along and anticipate all aspects to be resolved in the next month.
- On September 30th I will be presenting to the Indiana Legislature on New River Valley collaborations for implementation. The session was designed by the Pew Charitable Trust to assist states with research on impactful regional initiatives.



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MEMORANDUM

N R V R C . O R G

To: NRVRC Board Members
From: Kevin R. Byrd, Executive Director
Date: September 19, 2019
Re: New River Health District Programs/Initiatives

Dr. Noelle Bissell, the New River Health District Director, will provide a presentation at the September Regional Commission meeting about the programs and initiatives underway at the health district. The health district leads and partners on numerous programs throughout the region, many of which run through local health departments hosted by each county and the city. Dr. Bissell will discuss several of the key challenges our region faces pertaining to public health and strategies currently underway.

The mission of the New River Health District is as follows: As an agency, and as individuals, we value hospitality, responsiveness, accountability, compassion, integrity, and cutting-edge expertise. We are committed to protecting all citizens in the New River Valley at all times, preventing disease, and promoting health and wellness.

For several years the Regional Commission has partnered with the New River Health District to provide analytical mapping and data services. In the past, Regional Commission staff has prepared maps that analyze Hepatitis C, rabies, zika virus vulnerabilities, well and septic sites, and route optimization for food safety inspectors. The partnership for mapping and data services is the only one in the state currently and it is a program we often advocate replicating to our peers and state public health leaders.

Strengthening the Region through Collaboration

Counties

Floyd | Giles
Montgomery | Pulaski
City
Radford

Towns

Blacksburg | Christiansburg
Floyd | Narrows | Pearisburg
Pembroke | Pulaski
Rich Creek

Higher Education

Virginia Tech
Radford University
New River Community College



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MEMORANDUM

N R V R C . O R G

To: NRVRC Board Members

From: Patrick O'Brien, Regional Planner

Date: September 20, 2019

Re: 2019 Comprehensive Economic Development Strategy Consumer Version

The New River Valley Regional Commission has completed the annual update to the Comprehensive Economic Development Strategy (CEDS), and submitted the full report to the US Economic Development Administration (EDA) in June 2019. The attached 'consumer version' of the CEDS provides a user-friendly overview of the CEDS content for public distribution, including information about the CEDS, the region's economic development goals and top-ranked projects, and select regional demographic and economic data. Current and past New River Valley CEDS documents, both the full reports and consumer versions, can be reviewed at <http://nrvc.org/what-we-do/economic-development/>.

NRVRC staff will begin the next annual update later this fall, reconvening the CEDS committee to update the CEDS to reflect recent economic development trends. The CEDS committee will assist staff in updating CEDS content, including the SWOT analysis, priority areas and strategies, and economic data analysis and outcome metrics to measure progress toward regional economic development goals.

If you would like more information about the CEDS, please contact Patrick O'Brien at: pobrien@nrvc.org.

Strengthening the Region through Collaboration

Counties

Floyd | Giles
Montgomery | Pulaski
City
Radford

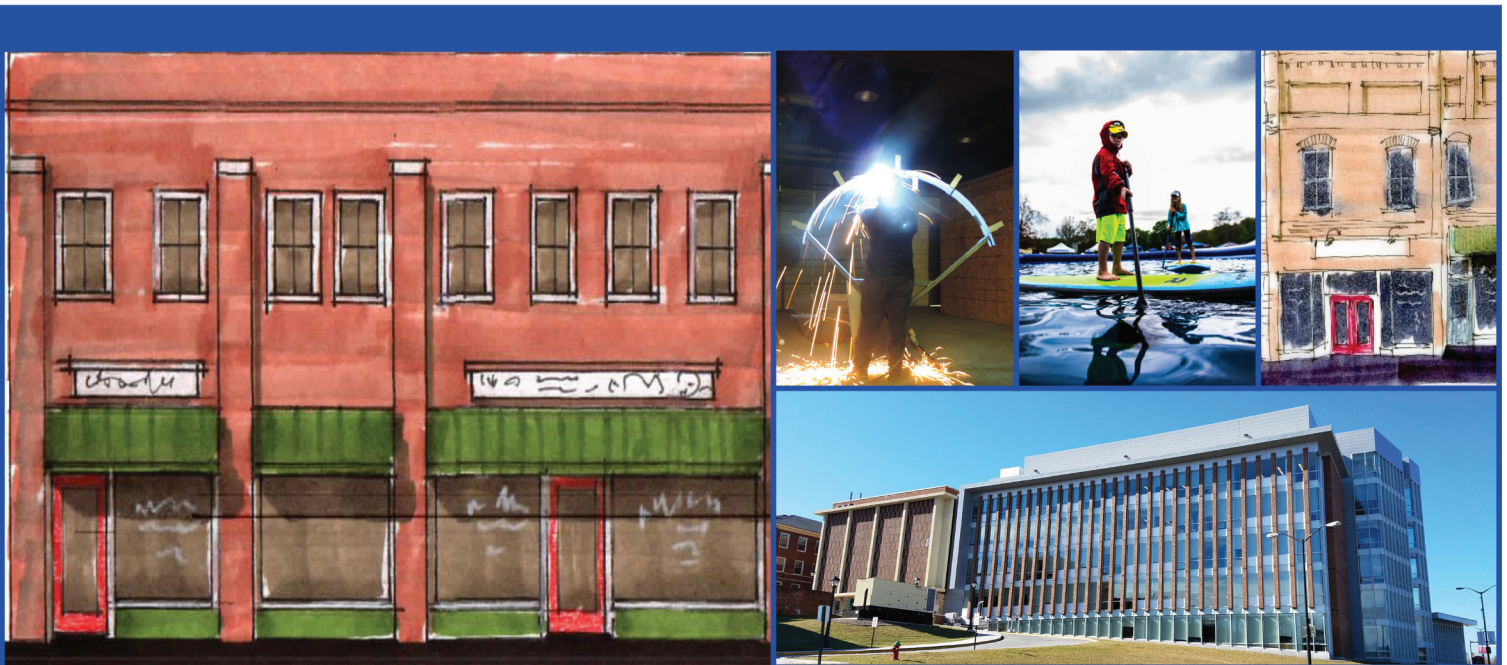
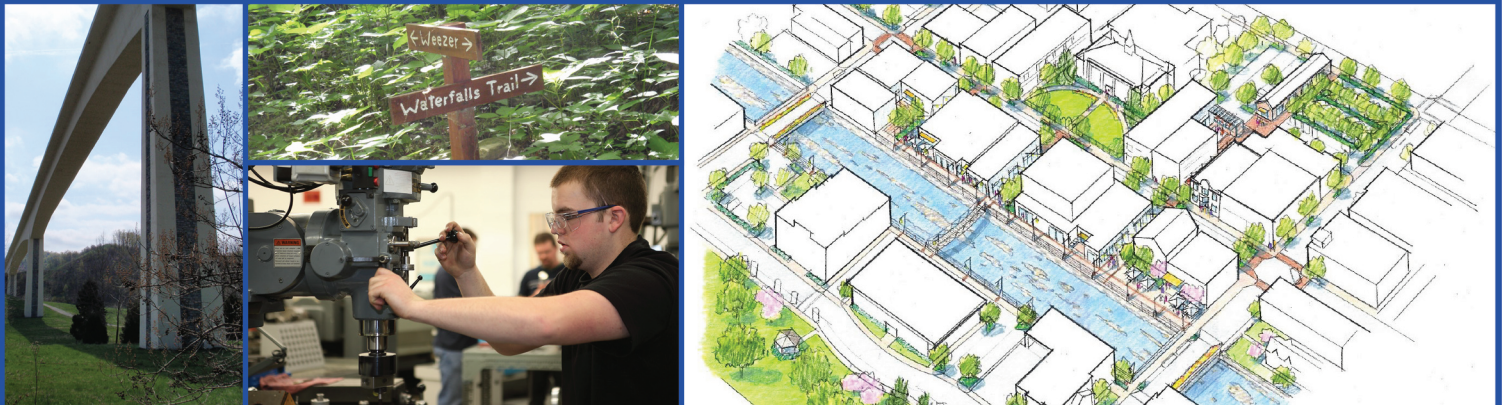
Towns

Blacksburg | Christiansburg
Floyd | Narrows | Pearisburg
Pembroke | Pulaski
Rich Creek

Higher Education

Virginia Tech
Radford University
New River Community College

New River Valley Comprehensive Economic Development Strategy 2019 At-A-Glance



What is a CEDS and why do we need it?

CEDS stands for Comprehensive Economic Development Strategy (CEDS). A CEDS is a regional strategy which reflects local economic development needs and priorities and recommends a regional approach to economic development. A CEDS is required to qualify for assistance from the Economic Development Administration (EDA).

The document itself contains an economic overview of the New River Valley; including a brief history, current trends, and up-to-date data on the region. Goals and objectives are designated based on this evaluation and projects are identified by a Comprehensive Economic Development Strategy Committee, made up of a majority of private sector participants as well as public sector representatives, or by localities. Projects included in the CEDS qualify for funding from the EDA. Some familiar projects with EDA funding are Virginia Tech's Corporate Research Center, NRV Commerce Park Water and Sewer project, and the Carilion Giles Memorial Hospital.

NRV PRIORITY AREAS

Priority 1: Support small business development and entrepreneurship

Optimize existing resources for entrepreneurs and small businesses and promote collaboration between these resources. Increase the number of jobs created through start-ups and expansions in the New River Valley.

Priority 2: Preparation and continued support of qualified, available workforce

Train and re-train workers for higher skills and productivity in the modern economy. Improve the industry/education interface at all levels.

Priority 3: Ensure available land, buildings, and quality infrastructure support development needs

Create an affordable, accessible and interlinked public transportation network that connects population centers with major employment centers. Strengthen the economic position of downtown commercial districts. Improve the region's telecommunication network to attract new firms, assist existing firms, and educate citizens. Increase the energy efficiency of industrial and commercial buildings.

Priority 4: Market and promote the region to attract visitors, new businesses, and residents

Develop and strengthen the role of international trade and commerce in the economy of the New River Valley. Increase the region's supply of ready and available industrial and other economic development properties. Improve the region's ability to market itself and respond to the needs of new industrial, research, and technological prospects. Realize the region's tourism development potential and ability to market itself as a culturally and naturally unique tourism destination.

Priority 5: Preserve natural and cultural resources

Manage the impacts of existing and future land uses in order to preserve the character and quality of the regional environment. Increase the development and support of local family farms.

Priority 6: Business friendly governance and representation

Promote a business friendly environment through governments cooperating with businesses at the local level and advocating for them at the state and federal levels. Bring a voice to the policy table on behalf of the region. Ensure the safety of the region's citizens.



Citizens Telephone Cooperative is using nearly \$10 million in grant funding to provide gigabit speed fiber optic connections to nearly every home on Floyd County. Citizens has connected nearly 60% of homes, with the project scheduled for completion in 2021.

**VIRGINIA
IS FOR
OUTDOOR
LOVERS®**

The New River Valley Regional Commission is working with Radford University and the local DMOs to develop an updated regional tourism website with the support of the Virginia Tourism Corporation. The site will replace the aging explorenewrivervalley.com website, and will feature continually updated content on regional attractions, itineraries, and events, developed by Radford University students.



The 2019 Renew The New event held river clean-up events in all five jurisdictions, with over 700 volunteers removing over 12,000 pounds of trash from nearly 25 miles of the New River and its tributaries. More information and upcoming events at: renewthenew.org

TOP 10 PROJECTS FOR 2019-2020

New River Valley Comprehensive Economic Development Strategy- 2019-20 Plan Update

| Project description | Estimated cost | Responsible Partners |
|---|----------------|---|
| Preparation of graded building site at NRV Commerce Park to accommodate a graded building pad of a building footprint of 20 to 75 acres. | \$2,000,000 | Virginia's First Regional Industrial Facilities Authority |
| Development of broadband infrastructure and internet availability- Explore options for higher bandwidth to the end user (replicate/expand Citizens' FTTH rollout in Floyd County). Develop wifi availability in downtown areas. Assess feasibility of wireless towers to allow internet service to rural areas with no service. Tower placement studies and streamlining of the zoning process. Implement recommendations of studies in local jurisdictions | \$8,000,000 | Private Enterprises and NRV Localities, NRV Network Wireless Authority |
| Implement 'sector strategies' focus for workforce development programs to meet needs in target industry sectors. Develop relationships between regional businesses and education, economic development, and related stakeholder organizations to provide services that ensure success of these industries in the region. Enhance intergrated "career pathways" workforce curriculum to develop workforce skills that address needs of targeted industry sectors, especially manufacturing, IT, and healthcare. | \$250,000 | WDB, Education Providers |
| Coordinate NRV entrepreneur and small business development network , including regional revolving loan fund operators, small business counseling services, and entrepreneur promotion programs. Build on existing efforts to coordinate these systems between Roanoke and New River Valleys (e.g., RAMP and Valleys Innovation Council) | \$1,000,000 | NRVRC, local economic development agencies, small business service providers |
| Promote and coordinate the development of a New River Valley passenger rail station- Continue to research viability of extending Washington DC Amtrak service to a station in the NRV. Coordinate state and private stakeholders to pursue development of this service by 2020. | \$500,000 | NRV Localities, State Agencies, Public/Private Railroad Companies, NRVRC |
| Coordinate regional destination marketing organizations (DMO)- Explore options to increase coordination of local DMOs and tourism promotion initiatives. Support local tourism marketing campaigns to promote New River Valley communities as a tourist destination, and increase visitor spending. Upgrade regional tourism website. | \$100,000 | NRV Localities, Tourism Offices |
| Support the burgeoning cluster of unmanned systems firms and related manufacturing capabilities in the region- Develop commercialization of technologies related to automated vehicles, especially the research of the MAAP and other programs at Virginia Tech. Recruit supplier firms to the region to develop the manufacturing cluster represented by the local AUVSI chapter. | \$5,000,000 | Public universities, economic development organizations, business in target sectors |
| Develop shared CEDS goals and economic development initiatives with neighboring regions and EDDs Coordinate with neighboring regions to align CEDS projects with state efforts to regionalize economic development incentive funding, especially GO Virginia. | \$100,000 | NRVRC, neighboring EDDs |
| Expand pilot education and job training programs for local K-12 students and youth, targeted to careers in growing NRV industries- Develop work study, internship placement, on-the-job training, and similar arrangements between businesses and education providers to help local students develop on-the-job skills for careers in local industries. Expand college scholarship programs for local K-12 students to attend community college (ACCE program). Target scholarships to in-demand jobs. | \$600,000 | WDB, Education Providers, local economic developers |
| Coordinate environmental stewardship and asset-based development of the New River as an outdoor recreation amenity- Continue regional coordination of New River Watershed and river clean-up events to preserve the condition of the New River. Support regional and local efforts to develop outdoor recreation tourism amenities related to the New River and other natural resources. | \$1,500,000 | NRVRC, local economic development agencies, small business service providers |

NEW RIVER VALLEY ECONOMIC HIGHLIGHTS

Table 1: Employment by Industry Sector, New River Valley

| Industry | Employment 2018 | Average Annual Wages | Average Annual % Change in Employment 2013-18 | Avg. Annual Growth % over next ten years |
|---|-----------------|----------------------|---|--|
| Educational Services | 15,247 | \$43,876 | 0.5% | 0.0% |
| Manufacturing | 12,238 | \$57,716 | 1.3% | -1.1% |
| Retail Trade | 8,435 | \$24,475 | 1.3% | -0.1% |
| Health Care and Social Assistance | 7,832 | \$40,826 | 2.0% | 1.3% |
| Accommodation and Food Services | 7,037 | \$15,828 | 0.9% | 0.3% |
| Professional, Scientific, Technical Services | 3,659 | \$63,148 | 1.1% | 0.8% |
| Administrative/Support/Waste Mgmt Svcs. | 3,297 | \$29,511 | 2.0% | 0.5% |
| Construction | 3,167 | \$38,296 | -0.1% | 0.7% |
| Other Services (except Public Administration) | 3,007 | \$25,512 | 2.4% | 0.0% |
| Public Administration | 2,172 | \$44,304 | 0.8% | -0.2% |
| Transportation and Warehousing | 2,125 | \$44,056 | 3.2% | 0.3% |
| Arts, Entertainment, and Recreation | 1,390 | \$17,458 | 0.8% | 0.5% |
| Agriculture, Forestry, Fishing and Hunting | 1,264 | \$15,638 | 0.4% | 0.2% |
| Real Estate and Rental and Leasing | 1,124 | \$45,555 | -2.7% | 0.3% |
| Finance and Insurance | 1,010 | \$51,302 | -1.6% | -0.3% |
| Wholesale Trade | 810 | \$66,313 | -2.3% | -0.3% |
| Information | 767 | \$47,264 | 0.2% | 0.2% |
| Utilities | 507 | \$52,255 | -0.6% | 0.3% |
| Management of Companies and Enterprises | 216 | \$87,284 | -8.0% | 0.0% |
| Mining, Quarrying, and Oil and Gas Extraction | 75 | \$57,613 | 1.3% | -0.4% |
| Total - All Industries | 75,536 | \$39,723 | 0.9% | 0.1% |

Source: Jobs EQ 2018Q4 Dataset

Unemployment and income in the New River Valley

| | Unemployment rate, July 2019 average | Per capita personal income, 2017 | PCPI as % of United States |
|-------------------------|--------------------------------------|----------------------------------|----------------------------|
| (\$49,246) | 3.7% | \$34,622 | 70.3% |
| Floyd County | 2.5% | \$36,640 | 71.0% |
| Giles County | 3.2% | \$38,015 | 73.6% |
| Montgomery County | 3.1% | \$35,822* | 69.4% |
| Pulaski County | 3.3% | \$38,549 | 74.6% |
| Radford City | 4.1% | \$35,822* | 69.4% |
| New River Valley | 3.2% | \$36,604 | 71.0% |
| Virginia | 2.9% | \$55,105 | 106.7% |

Source: US Bureau of Census, Labor Statistics, and Economic Analysis

*BEA reports a combined PCPI figure for Montgomery County and Radford City

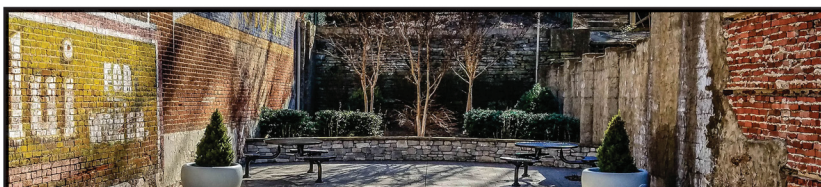


Students entering the NRCC Christiansburg campus location.

Population estimates for the New River Valley

| | Population estimate, 2018 | Change 2010-2018 |
|-------------------------|---------------------------|------------------|
| Floyd County | 15,643 | 2.4% |
| Giles County | 16,931 | -2.1% |
| Montgomery County | 99,433 | 5.3% |
| Pulaski County | 34,183 | -2.0% |
| Radford City | 18,041 | 10.0% |
| New River Valley | 184,231 | 3.4% |

Source: Weldon Cooper Center, July 1, 2017 Population Estimates for Virginia and its Counties and Cities



Pocket park, Radford



6580 Valley Center Drive | Suite 124 | Radford, VA 24141 | 540-639-9313

MEMORANDUM

N R V R C . O R G

To: NRVRC Board Members
From: Kevin R. Byrd, Executive Director
Date: September 19, 2019
Re: Regional Commission Annual Report for FY19

On behalf of the staff at the Regional Commission we are pleased to share the FY19 Regional Commission Annual Report. The enclosed document can also be viewed online at the Commission’s website via www.nrvrc.org/publications/ and scrolling down to Annual Reports. Next week a hard copy will be mailed to every elected official in the region including all local, state and federal representatives. We also mail copies to our partner agencies and organizations. This year’s annual report content is oriented toward project impacts, which our publishing partner, Formation PR + Brand, assisted with infographics and layout. Please let me know if you would like additional copies or want to ensure a specific recipient is on our distribution list. We thank the board members and our numerous partners for engaging with the Regional Commission which positions the agency for greatest impact serving the region.

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