F.Y.I.

ITEMS

Janice Williams

From: Katie Nunez <knunez@co.northampton.va.us>
Sent: Monday, January 25, 2016 12:57 PM
To: Janice Williams
Subject: FW: Groundwater Permit Public Notice
Attachments: Outen Farm Public Notice.pdf

From: Ghittino, Hank (DEQ) [mailto:Hank.Ghittino@deq.virginia.gov]
Sent: Wednesday, January 20, 2016 2:34 PM
To: Ghittino, Hank (DEQ)
Subject: Groundwater Permit Public Notice

January 20, 2016

RE: Local Government Notification of Proposed Draft Groundwater Withdrawal Permit

Dear Local Official:

The Department of Environmental Quality has received an application to withdraw groundwater in the Eastern Shore Groundwater Management Area. Part V. of the Groundwater Withdrawal Regulations requires that the Department of Environmental Quality send a notice of every draft permit to the board of each local governing body located within the groundwater management area where the proposed withdrawal will occur prior to the date of public notice.

In accordance with section 9VAC25-610-250(B), please find the attached notice that will be advertised in the Eastern Shore News on Saturday, January 23, 2016. Additional information on the permit applications may be obtained by contacting me.

The Department will accept comments concerning the proposed issuance of this draft permit for thirty days. All comments must be received by 4 p.m. on February 22, 2016.

Sincerely,

Hank Ghittino, P.G.
Water Permit Writer
Department of Environmental Quality
5636 Southern Boulevard
Virginia Beach, VA 23462
757-518-2197
hank.ghittino@deq.virginia.gov
http://www.deq.virginia.gov/gwpermitting

Public Notice – Environmental Permit

PURPOSE OF NOTICE: To seek public comment on a draft permit from the Department of Environmental Quality for the withdrawal of groundwater in Northampton County, Virginia.
PUBLIC COMMENT PERIOD: January 23, 2016 to February 22, 2016
PERMIT NAME: Groundwater Withdrawal Permit issued by DEQ, under the authority of the State Water Control Board
APPLICANT NAME, ADDRESS AND PERMIT NUMBER: Del Monte Fresh Production, Inc.; 5050 State Road 60 West, Mulberry, FL 33860; GW0069300
NAME AND LOCATION OF WATER WITHDRAWAL: Outten Farm; Route 628 (Wilsonia Neck Drive) west of Shadyside
PROJECT DESCRIPTION: Del Monte Fresh Production, Inc. has applied for a new permit for Outten Farm in Northampton County, Virginia. The permit would allow the applicant to withdraw an average of 116,315 gallons per day. The groundwater withdrawal will support crop irrigation and associated farm uses. The proposed withdrawal will utilize the Upper Yorktown Eastover aquifer at a depth between 115 feet to 200 feet below the land surface at the withdrawal site. An aquifer is a body of rock or layer of sediment in the ground in which groundwater is stored and transported. DEQ has made a tentative decision to issue the permit.
AFFECTED AREA: The radial distance from the wells to where computer modeling predicts the aquifers may experience one foot of drawdown due to the withdrawal is illustrated on a maps that can be viewed at:
http://www.deq.virginia.gov/Programs/Water/WaterSupplyWaterQuantity/GroundwaterPermitting/PublicNotices.aspx

HOW TO COMMENT AND OR REQUEST A PUBLIC HEARING: DEQ accepts comments and requests for public hearing by e-mail, fax or postal mail. All comments and requests must be in writing and be received by DEQ during the comment period. Submittals must include the names, mailing addresses and telephone numbers of the commenter/requester and of all persons represented by the commenter/requester. A request for public hearing must also include: 1) The reason why a public hearing is requested. 2) A brief, informal statement regarding the nature and extent of the interest of the requester or of those represented by the requestor, including how and to what extent such interest would be directly and adversely affected by the permit. 3) Specific references, where possible, to terms and conditions of the permit with suggested revisions. DEQ may hold a public hearing, including another comment period, if public response is significant and there are substantial, disputed issues relevant to the proposed permit. CONTACT FOR PUBLIC COMMENTS, DOCUMENT REQUESTS AND ADDITIONAL INFORMATION: Hank Ghittino; DEQ, 5636 Southern Blvd. Virginia Beach, VA, 23451; Phone: 757-518-2197; E-mail: hank.ghittino@deq.virginia.gov; FAX: 757-518-2009. The public may review the draft permit and application at the DEQ office named above by appointment.

Janice Williams

From: Katie Nunez <knunez@co.northampton.va.us>
Sent: Monday, January 25, 2016 12:58 PM
To: Janice Williams
Subject: FW: Groundwater Permit Public Notices
Attachments: Jones 2 Farm Public Notice.pdf; Highway Farm Public Notice.pdf; Newman Farms Public Notice.pdf; Seaford Farm Public Notice.pdf; Home-Fitchett Farm Public Notice.pdf

From: Ghittino, Hank (DEQ) [mailto:Hank.Ghittino@deq.virginia.gov]
Sent: Wednesday, January 20, 2016 11:15 AM
To: Ghittino, Hank (DEQ)
Subject: Groundwater Permit Public Notices

January 20, 2016

RE: Local Government Notification of Proposed Draft Groundwater Withdrawal Permits

Dear Local Official:

The Department of Environmental Quality has received five applications to withdraw groundwater in the Eastern Shore Groundwater Management Area. Part V. of the Groundwater Withdrawal Regulations requires that the Department of Environmental Quality send a notice of every draft permit to the board of each local governing body located within the groundwater management area where the proposed withdrawal will occur prior to the date of public notice.

In accordance with section 9VAC25-610-250(B), please find the attached notices that will be advertised in the Eastern Shore News on Saturday, January 23, 2016. Additional information on the permit applications may be obtained by contacting me.

The Department will accept comments concerning the proposed issuance of this draft permit for thirty days. All comments must be received by 4 p.m. on February 22, 2016.

Sincerely,

Hank Ghittino, P.G.
Water Permit Writer
Department of Environmental Quality
5636 Southern Boulevard
Virginia Beach, VA 23462
757-518-2197
hank.ghittino@deq.virginia.gov
http://www.deq.virginia.gov/gwpermitting

Public Notice – Environmental Permit

PURPOSE OF NOTICE: To seek public comment on a draft permit from the Department of Environmental Quality for the withdrawal of groundwater in Northampton County, Virginia.
PUBLIC COMMENT PERIOD: January 23, 2016 to February 22, 2016
PERMIT NAME: Groundwater Withdrawal Permit issued by DEQ, under the authority of the State Water Control Board
APPLICANT NAME, ADDRESS AND PERMIT NUMBER: Curtis H. Jones & Son, Inc; 6458 Fern Point, Franktown, VA 23354; GW0071400
{NAME AND LOCATION OF WATER WITHDRAWAL: Jones 2 Farm, Bayford Road at its junction with Route 618, Franktown, VA 23354
PROJECT DESCRIPTION: Curtis H. Jones & Son has applied for a new permit for Jones 2 Farm in Northampton County, Virginia. The permit would allow the applicant to withdraw an average of 29,000 gallons per day. The groundwater withdrawal will support crop irrigation and associated farm uses. The proposed withdrawal will utilize the Upper Yorktown Eastover aquifer at a depth between 90 feet to 150 feet below the land surface at the withdrawal site. An aquifer is a body of rock or layer of sediment in the ground in which ground water is stored and transported. DEQ has made a tentative decision to issue the permit.
AFFECTED AREA: The radial distance from the well to where computer modeling predicts the aquifers may experience one foot of drawdown due to the withdrawal is illustrated on maps that can be viewed at: http://www.deq.virginia.gov/Programs/Water/WaterSupplyWaterQuantity/GroundwaterPermitting/PublicNotices.aspx

HOW TO COMMENT AND OR REQUEST A PUBLIC HEARING: DEQ accepts comments and requests for public hearing by e-mail, fax or postal mail. All comments and requests must be in writing and be received by DEQ during the comment period. Submittals must include the names, mailing addresses and telephone numbers of the commenter/requester and of all persons represented by the commenter/requester. A request for public hearing must also include: 1) The reason why a public hearing is requested. 2) A brief, informal statement regarding the nature and extent of the interest of the requester or of those represented by the requestor, including how and to what extent such interest would be directly and adversely affected by the permit. 3) Specific references, where possible, to terms and conditions of the permit with suggested revisions. DEQ may hold a public hearing, including another comment period, if public response is significant and there are substantial, disputed issues relevant to the proposed permit. CONTACT FOR PUBLIC COMMENTS, DOCUMENT REQUESTS AND ADDITIONAL INFORMATION: Hank Ghittino; DEQ, 5636 Southern Blvd. Virginia Beach, VA, 23451; Phone: 757-518-2197; E-mail: hank.ghittino@deq.virginia.gov; FAX: 757-518-2009. The public may review the draft permit and application at the DEQ office by appointment.

Public Notice – Environmental Permit

PURPOSE OF NOTICE: To seek public comment on a draft permit from the Department of Environmental Quality for the withdrawal of groundwater in Northampton County, Virginia.
PUBLIC COMMENT PERIOD: January 23, 2016 to February 22, 2016
PERMIT NAME: Groundwater Withdrawal Permit issued by DEQ, under the authority of the State Water Control Board
APPLICANT NAME, ADDRESS AND PERMIT NUMBER: Mr. Ray Newman; 4131 Richardson Road, Virginia Beach, VA 23455; GW0071500
NAME AND LOCATION OF WATER WITHDRAWAL: Highway Farm; Lankford Highway, approximately 0.25 miles northwest of Reedtown
PROJECT DESCRIPTION: Mr. Ray Newman has applied for as new permit for Highway Farm in Northampton County, Virginia. The permit would allow the applicant to withdraw an average of 135,000 gallons per day. The groundwater withdrawal will support crop irrigation and associated farm uses. The proposed withdrawal will utilize the Columbia aquifer with a bottom depth of 87 feet, the Upper Yorktown Eastover aquifer at a depth between 130 feet to 205 feet below the land surface at the withdrawal site, and the Lower Yorktown Eastover aquifer at a depth between 260 feet to 350 feet below the land surface at the withdrawal site. An aquifer is a body of rock or layer of sediment in the ground in which groundwater is stored and transported. DEQ has made a tentative decision to issue the permit.
AFFECTED AREA: The radial distance from the wells to where computer modeling predicts the aquifers may experience one foot of drawdown due to the withdrawal is illustrated on a maps that can be viewed at:
http://www.deq.virginia.gov/Programs/Water/WaterSupplyWaterQuantity/GroundwaterPermitting/PublicNotices.aspx

HOW TO COMMENT AND OR REQUEST A PUBLIC HEARING: DEQ accepts comments and requests for public hearing by e-mail, fax or postal mail. All comments and requests must be in writing and be received by DEQ during the comment period. Submittals must include the names, mailing addresses and telephone numbers of the commenter/requester and of all persons represented by the commenter/requester. A request for public hearing must also include: 1) The reason why a public hearing is requested. 2) A brief, informal statement regarding the nature and extent of the interest of the requester or of those represented by the requestor, including how and to what extent such interest would be directly and adversely affected by the permit. 3) Specific references, where possible, to terms and conditions of the permit with suggested revisions. DEQ may hold a public hearing, including another comment period, if public response is significant and there are substantial, disputed issues relevant to the proposed permit. CONTACT FOR PUBLIC COMMENTS, DOCUMENT REQUESTS AND ADDITIONAL INFORMATION: Hank Ghittino; DEQ, 5636 Southern Blvd. Virginia Beach, VA, 23451; Phone: 757-518-2197; E-mail: hank.ghittino@deq.virginia.gov; FAX: 757-518-2009. The public may review the draft permit and application at the DEQ office named above by appointment.

Public Notice – Environmental Permit

PURPOSE OF NOTICE: To seek public comment on a draft permit from the Department of Environmental Quality for the withdrawal of ground water in Northampton County, Virginia.
PUBLIC COMMENT PERIOD: January 23, 2016 to February 22, 2016
PERMIT NAME: Ground Water Withdrawal Permit issued by DEQ, under the authority of the State Water Control Board
APPLICANT NAME, ADDRESS AND PERMIT NUMBER: Mr. Ray Newman; 4131 Richardson Road, Virginia Beach, VA 23455; GW0071200
NAME AND LOCATION OF WATER WITHDRAWAL: Newman Farms; Seaside Road, northeast side of its junction with Route 631
PROJECT DESCRIPTION: Mr. Ray Newman has applied for a new permit for Newman Farms in Northampton County, Virginia. The permit would allow the applicant to withdraw an average of 330,000 gallons per day. The groundwater withdrawal will support crop irrigation and associated farm uses. The proposed withdrawal will utilize the Upper Yorktown Eastover aquifer at a depth between 86 feet to 200 feet below the land surface at the withdrawal site. An aquifer is a body of rock or layer of sediment in the ground in which ground water is stored and transported. DEQ has made a tentative decision to issue the permit.
AFFECTED AREA: The radial distance from the wells to where computer modeling predicts the aquifers may experience one foot of drawdown due to the withdrawal is illustrated on maps that can be viewed at: http://www.deq.virginia.gov/Programs/Water/WaterSupplyWaterQuantity/GroundwaterPermitting/PublicNotices.aspx

HOW TO COMMENT AND OR REQUEST A PUBLIC HEARING: DEQ accepts comments and requests for public hearing by e-mail, fax or postal mail. All comments and requests must be in writing and be received by DEQ during the comment period. Submittals must include the names, mailing addresses and telephone numbers of the commenter/requester and of all persons represented by the commenter/requester. A request for public hearing must also include: 1) The reason why a public hearing is requested. 2) A brief, informal statement regarding the nature and extent of the interest of the requester or of those represented by the requestor, including how and to what extent such interest would be directly and adversely affected by the permit. 3) Specific references, where possible, to terms and conditions of the permit with suggested revisions. DEQ may hold a public hearing, including another comment period, if public response is significant and there are substantial, disputed issues relevant to the proposed permit. CONTACT FOR PUBLIC COMMENTS, DOCUMENT REQUESTS AND ADDITIONAL INFORMATION: Hank Ghittino; DEQ, 5636 Southern Blvd. Virginia Beach, VA, 23451; Phone: 757-518-2197; E-mail: hank.ghittino@deq.virginia.gov; FAX: 757-518-2009. The public may review the draft permit and application at the DEQ office named above by appointment.

Public Notice – Environmental Permit

PURPOSE OF NOTICE: To seek public comment on a draft permit from the Department of Environmental Quality for the withdrawal of ground water in Northampton County, Virginia.
PUBLIC COMMENT PERIOD: January 23, 2016 to February 22, 2016
PERMIT NAME: Ground Water Withdrawal Permit issued by DEQ, under the authority of the State Water Control Board
APPLICANT NAME, ADDRESS AND PERMIT NUMBER: The Willis Family Limited Partnership; 16464 Courthouse Road, Eastville, VA 23347; GW0071000
NAME AND LOCATION OF WATER WITHDRAWAL: Seaford Farm; Seaside Road, approximately 0.5 miles southeast of its junction with Route 631
PROJECT DESCRIPTION: The Willis Family Limited Partnership has applied for a new permit for Seaford Farm in Northampton County, Virginia. The permit would allow the applicant to withdraw an average of 83,000 gallons per day. The groundwater withdrawal will support crop irrigation and associated farm uses. The proposed withdrawal will utilize the Upper Yorktown Eastover aquifer at a depth between 112 feet to 190 feet below the land surface at the withdrawal site. An aquifer is a body of rock or layer of sediment in the ground in which ground water is stored and transported. DEQ has made a tentative decision to issue the permit.
AFFECTED AREA: The radial distance from the wells to where computer modeling predicts the aquifers may experience one foot of drawdown due to the withdrawal is illustrated on maps that can be viewed at http://www.deq.virginia.gov/Programs/Water/WaterSupplyWaterQuantity/GroundwaterPermitting/PublicNotices.aspx

HOW TO COMMENT AND OR REQUEST A PUBLIC HEARING: DEQ accepts comments and requests for public hearing by e-mail, fax or postal mail. All comments and requests must be in writing and be received by DEQ during the comment period. Submittals must include the names, mailing addresses and telephone numbers of the commenter/requester and of all persons represented by the commenter/requester. A request for public hearing must also include: 1) The reason why a public hearing is requested. 2) A brief, informal statement regarding the nature and extent of the interest of the requester or of those represented by the requestor, including how and to what extent such interest would be directly and adversely affected by the permit. 3) Specific references, where possible, to terms and conditions of the permit with suggested revisions. DEQ may hold a public hearing, including another comment period, if public response is significant and there are substantial, disputed issues relevant to the proposed permit. CONTACT FOR PUBLIC COMMENTS, DOCUMENT REQUESTS AND ADDITIONAL INFORMATION: Hank Ghittino; DEQ, 5636 Southern Blvd. Virginia Beach, VA, 23451; Phone: 757-518-2197; E-mail: hank.ghittino@deq.virginia.gov; FAX: 757-518-2009. The public may review the draft permit and application at the DEQ office named above by appointment.

Public Notice – Environmental Permit

PURPOSE OF NOTICE: To seek public comment on a draft permit from the Department of Environmental Quality for the withdrawal of groundwater in Accomack County, Virginia.
PUBLIC COMMENT PERIOD: January 23, 2016 to February 22, 2016
PERMIT NAME: Groundwater Withdrawal Permit issued by DEQ, under the authority of the State Water Control Board
APPLICANT NAME, ADDRESS AND PERMIT NUMBER: Mr. Donald L. Fitchett and Mr. David F. Mason; 28524 Phillips Drive, Melfa, VA 23410; GW0070400
NAME AND LOCATION OF WATER WITHDRAWAL: Home-Fitchett Farm; 28524 and 28344 Phillips Drive, Melfa, VA
PROJECT DESCRIPTION: Mr. Fitchett and Mr. Mason have applied for reissuance of a permit for Home Farm expanded to include Fitchett Farm in Accomack County, Virginia. The permit would allow the applicants to withdraw an average of 583,000 gallons per day. The groundwater withdrawal will support crop irrigation and associated farm uses. The proposed withdrawal will utilize the Columbia aquifer with a bottom depth of 68 feet below the land surface at the withdrawal site. An aquifer is a body of rock or layer of sediment in the ground in which groundwater is stored and transported. DEQ has made a tentative decision to issue the permit.
AFFECTED AREA: The radial distance from the wells to where computer modeling predicts the aquifers may experience one foot of drawdown due to the withdrawal is illustrated on a map that can be viewed at: http://www.deq.virginia.gov/Programs/Water/WaterSupplyWaterQuantity/GroundwaterPermitting/PublicNotices.aspx

HOW TO COMMENT AND OR REQUEST A PUBLIC HEARING: DEQ accepts comments and requests for public hearing by e-mail, fax or postal mail. All comments and requests must be in writing and be received by DEQ during the comment period. Submittals must include the names, mailing addresses and telephone numbers of the commenter/requester and of all persons represented by the commenter/requester. A request for public hearing must also include: 1) The reason why a public hearing is requested. 2) A brief, informal statement regarding the nature and extent of the interest of the requester or of those represented by the requestor, including how and to what extent such interest would be directly and adversely affected by the permit. 3) Specific references, where possible, to terms and conditions of the permit with suggested revisions. DEQ may hold a public hearing, including another comment period, if public response is significant and there are substantial, disputed issues relevant to the proposed permit. CONTACT FOR PUBLIC COMMENTS, DOCUMENT REQUESTS AND ADDITIONAL INFORMATION: Hank Ghittino; DEQ, 5636 Southern Blvd. Virginia Beach, VA, 23451; Phone: 757-518-2197; E-mail: hank.ghittino@deq.virginia.gov; FAX: 757-518-2009. The public may review the draft permit and application at the DEQ office named above by appointment.

OFFICE OF THE SHERIFF

COUNTY OF ACCOMACK

23323 WISE COURT • P.O. BOX 149
ACCOMAC, VA 23301

(757) 787-1131 • (757) 824-5666 • FAX (757) 787-2310

TODD E. GODWIN
SHERIFF

C. SHANE CHILDRESS
CHIEF DEPUTY

January 1, 2015

Katherine H. Nunez
Northampton County Administrator
16404 Courthouse Rd.
Eastville, VA 23347

Dear Mrs. Nunez,

I have enclosed a report of activity at the Eastern Shore Regional Animal Control Facility for December 2015.

If you have any questions, feel free to contact me.

Sincerely,

Todd E. Godwin
Sheriff

TEG/SC

Enclosure

Eastern Shore Regional Animal Control Facility
28167 Beacon Road
Melfa, VA 23410
(757) 787-7091

December 2015
Deposit Report

Break Down of Fees Collected

Animal Claim Fee	$265.00
Cat Adoption Fee	$0.00
Dog Adoption Fee	$0.00
Leash Fee	$0.00
County License	$5.00
Donations	$0.00
Homeless Homer	$0.00
Other	$0.00
Total	$270.00

Prepared By:

Stacey Clark

Stacey Clark

Eastern Shore Regional Animal Control Facility
28167 Beacon Road
Melfa, VA 23410
(757) 787-7091

December 2015
Monthly Report

	Dogs	Cats	Other	Total
Carry Over into December	22	10	0	32
Accomack Animal Control	16	9	0	25
Accomack Public	10	14	0	24
Northampton Animal Control	6	18	0	24
Northampton Public	0	0	0	0
Total	**54**	**51**	**0**	**105**

Break Down of Animal Dispositions

	Dogs	Cats	Other	Total
Euthanized	6	23	0	29
Returned to Owner	7	1	0	8
Adopted	0	0	0	0
Died	0	0	0	0
Carry Over into January	19	7	0	26
Transferred	22	20	0	42
Total	**54**	**51**	**0**	**105**

Prepared By:

Stacey Clark

Stacey Clark

Eastern Shore Regional Animal Control Facility
28167 Beacon Road
Melfa, VA 23410
(757) 787-7091

December 2015
Petty Cash Report

As of December 1, 2015 we had $45.21 in petty cash.

We have not purchased any items.

As of January 1, 2016 we have $45.21 in petty cash.

Bills/Coins	Amount
$100	$0.00
$50	$0.00
$20	$20.00
$10	$10.00
$5	$5.00
$1	$10.00
.25	$0.00
.10	$0.20
.05	$0.00
.01	$0.01
Total	**$45.21**

Prepared By:

Stacey Clark

Stacey Clark

OFFICE OF THE SHERIFF

COUNTY OF ACCOMACK

23323 WISE COURT • P.O. BOX 149
ACCOMAC, VA 23301

(757) 787-1131 • (757) 824-5666 • FAX (757) 787-2310

TODD E. GODWIN
SHERIFF

C. SHANE CHILDRESS
CHIEF DEPUTY

December 1, 2015

Katherine H. Nunez
Northampton County Administrator
16404 Courthouse Rd.
Eastville, VA 23347

Dear Mrs. Nunez,

I have enclosed a report of activity at the Eastern Shore Regional Animal Control Facility for November 2015.

If you have any questions, feel free to contact me.

Sincerely,

Todd E. Godwin
Sheriff

TEG/SC

Enclosure

Eastern Shore Regional Animal Control Facility
28167 Beacon Road
Melfa, VA 23410
(757) 787-7091

November 2015
Petty Cash Report

As of November 1, 2015 we had $45.21 in petty cash.

We have not purchased any items.

As of December 1, 2015 we have $45.21 in petty cash.

Bills/Coins	Amount
$100	$0.00
$50	$0.00
$20	$20.00
$10	$20.00
$5	$.00
$1	$5.00
.25	$0.00
.10	$0.20
.05	$0.00
.01	$0.01
Total	**$45.21**

Prepared By:

Stacey Clark

Stacey Clark

Eastern Shore Regional Animal Control Facility
28167 Beacon Road
Melfa, VA 23410
(757) 787-7091

November 2015
Deposit Report

Break Down of Fees Collected

Animal Claim Fee	$115.00
Cat Adoption Fee	$0.00
Dog Adoption Fee	$90.00
Leash Fee	$0.00
County License	$15.00
Donations	$0.00
Homeless Homer	$0.00
Other	$0.00
Total	$220.00

Prepared By:

Stacey Clark

Stacey Clark

Eastern Shore Regional Animal Control Facility
28167 Beacon Road
Melfa, VA 23410
(757) 787-7091

November 2015
Monthly Report

	Dogs	Cats	Other	Total
Carry Over into November	24	10	0	34
Accomack Animal Control	22	4	0	26
Accomack Public	31	36	0	67
Northampton Animal Control	3	9	0	12
Northampton Public	1	0	0	1
Total	**81**	**59**	**0**	**140**

Break Down of Animal Dispositions

	Dogs	Cats	Other	Total
Euthanized	10	29	0	39
Returned to Owner	4	0	0	4
Adopted	3	0	0	3
Died	1	0	0	1
Carry Over into December	22	10	0	32
Transferred	41	20	0	61
Total	**81**	**59**	**0**	**140**

Prepared By:

Stacey Clark

Stacey Clark

Virginia Retirement System

P.O. Box 2500, Richmond, VA 23218-2500
Toll-free: 1-888-VARETIR (827-3847)
Website: www.varetire.org
Email: vrs@varetire.org

RECEIVED
JAN 25 2016
NORTHAMPTON COUNTY
Administration Office

MEMORANDUM

To: Administrative Heads and Finance Directors of Political Subdivisions
Employer Code **5-5165**
Northampton County

From: Patricia S. Bishop, Director

Date: January 21, 2016

Subject: Contribution Rates for Political Subdivisions for FY 2017 and FY 2018

The Virginia Retirement System (VRS) Board of Trustees adopted new contribution rates for FY 2017 and FY 2018 at its meeting last fall. The Group Life Insurance rate may be modified by the General Assembly during the current legislative session. If changes are made to the rates, we will provide you with the updated information.

The following contribution rates are effective for the two fiscal years beginning July 1, 2016:

Retirement – The employer contribution rate will be ***7.12%*** for FY 2017 and FY 2018. This rate does not include the 5.00% member contribution that you may be paying for your employees.

Group Life Insurance – The total contribution rate for employers participating in this program will be ***1.31%***. This rate is composed of a 0.79% employee share and a 0.52% employer share. This action does not affect the Optional Life Insurance premiums.

Retiree Health Insurance Credit – The contribution rate for this program will be ***N/A***.

Virginia Local Disability Program – The contribution rate for political subdivision employers participating in this program will be ***0.60%***.

If you have any questions concerning your rates, please contact Barry Faison, Chief Financial Officer at (804) 344-3128 or by email at bfaison@varetire.org.

Cavanaugh Macdonald
CONSULTING, LLC
The experience and dedication you deserve

Virginia Retirement System

Report on the Actuarial Valuation for Northampton County (55165)

Prepared as of June 30, 2015

3550 Busbee Pkwy, Suite 250, Kennesaw, GA 30144
Phone (678) 388-1700 • Fax (678) 388-1730
www.CavMacConsulting.com

Cavanaugh Macdonald
CONSULTING, LLC
The experience and dedication you deserve

December 18, 2015

To the Governing Body of: Northampton County

We are pleased to submit the results of the annual actuarial valuation for Northampton County (the "Plan"), a political subdivision participating in the Virginia Retirement System (VRS), prepared as of June 30, 2015.

The purpose of this report is to provide a summary of the funded status of the Plan as of June 30, 2015 and to recommend rates of employer contribution. While not verifying the data at source, the actuary performed tests for consistency and reasonability.

The employer contribution rate based on the June 30, 2015 actuarial valuation is 7.12% of payroll. Contribution rates for VRS employees are established every two years, so this rate will apply to fiscal years ending 2017 and 2018. The employer contribution rate based on the June 30, 2014 actuarial valuation was 8.21%. The actuarially calculated employer contribution rate based on the June 30, 2014 actuarial valuation is for informational purposes only.

The promised benefits of the plan are included in the actuarially calculated employer contribution rates which are developed using the entry age normal cost method. Five-year smoothed market value of assets is used for actuarial valuation purposes. Gains and losses are reflected in the unfunded accrued liability. In accordance with the new funding policy adopted by the Board of Trustees, the unfunded liability is being amortized as individual bases. The legacy unfunded actuarial accrued liability, the unfunded actuarial accrued liability as of June 30, 2013, is amortized over a closed 30 year period beginning June 30, 2013. The amortization period of the legacy unfunded will decrease by one in each subsequent valuation until reaching 0 years. The actuarial gains and losses and other changes in the unfunded due to benefit and actuarial assumption and method changes for each valuation subsequent to the June 30, 2013 valuation will be amortized over a closed 20 year period. The assumptions recommended by the actuary and adopted by the Board are in the aggregate reasonably related to the experience under the Plan and to reasonable expectations of anticipated experience under the Plan.

3550 Busbee Pkwy, Suite 250, Kennesaw, GA 30144
Phone (678) 388-1700 • Fax (678) 388-1730
www.CavMacConsulting.com

Our organization has only a contractual relationship with the Virginia Retirement System to provide actuarial consulting services and we do not provide other services to nor have a financial interest in the Virginia Retirement System. There are no known interests or relationships that our firm has with the Virginia Retirement System that may impair or appear to impair the objectivity of our work.

This is to certify that the independent consulting actuary is a Member of the American Academy of Actuaries and has experience in performing valuations for public retirement systems, that the valuation was prepared in accordance with principles of practice prescribed by the Actuarial Standards Board, and that the actuarial calculations were performed by qualified actuaries in accordance with accepted actuarial procedures, based on the current provisions of the System and on actuarial assumptions that are internally consistent and reasonably based on the actual experience of the System.

Future actuarial results may differ significantly from the current results presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period or additional cost or contribution requirements based on the plan's funded status); and changes in plan provisions or applicable law. Since the potential impact of such factors is outside the scope of a normal annual actuarial valuation, an analysis of the range of results is not presented herein.

The undersigned are members of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.

The Table of Contents, which immediately follows, outlines the material contained in the report.

Respectfully submitted,

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Principal and Consulting Actuary

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Section I – Summary of Principal Results

Introduction and Summary

This report contains the actuarial valuation results as of June 30, 2015 for Northampton County as determined by Cavanaugh Macdonald Consulting, the actuary for the Virginia Retirement System (VRS). Questions about this report should be directed to the VRS, rather than to Cavanaugh Macdonald Consulting.

Contribution Rates

The previous employer contribution rate was set by the June 30, 2013 valuation and is effective for the period July 1, 2014 through June 30, 2016, or fiscal years ending 2015 and 2016. The June 30, 2015 calculated rate shown in Table 1, Item 9e is the recommended rate for the period July 1, 2016 through June 30, 2018, or fiscal years ending 2017 and 2018. Rates for subsequent fiscal years will be determined by future actuarial valuations.

The recommended employer contribution rate consists of four pieces—the normal cost, the amortization of the unfunded actuarial accrued liability (UAAL), the administrative expenses, and the contribution to the DC Plan for hybrid members. These are shown in Table 1, Item 9. The normal cost—shown in detail in Table 1, Item 8—can be viewed as the regular, ongoing cost of the plan. The UAAL is the amount by which the actuarial value of assets (see below) falls short of, or exceeds, the actuarial accrued liability for this plan. Under the funding arrangement adopted by the Board, the UAAL is being amortized as individual bases. The legacy unfunded actuarial accrued liability, the unfunded actuarial accrued liability as of June 30, 2013, is amortized over a closed 30 year period beginning June 30, 2013. The amortization period of the legacy unfunded will decrease by one in each subsequent valuation until reaching 0 years. The actuarial gains and losses and other changes in the unfunded due to benefit and actuarial assumption and method changes for each valuation subsequent to the June 30, 2013 valuation will be amortized over a closed 20 year period. The administrative expenses are now included as part of the contribution rates to be consistent with the GASB standard which requires the investment return assumption to be net of investment expenses only. The contribution to the DC plan for hybrid members is the employer match to the contributions made to the DC plan by employees.

Benefit Provisions

The main benefit provisions are summarized in Section V of this report. This actuarial valuation took into account the provisions of VRS that were applicable to political subdivision employers on the valuation date of June 30, 2015. The valuation reflects any mandatory or elected enhanced LEOS/Fire benefits (LEOS/Fire coverage) that have been adopted by June 30, 2015, even if the enhanced benefits are effective after that date. Northampton County is providing mandatory LEOS/Fire coverage for its sheriff and deputy sheriffs and has elected LEOS/Fire coverage for law enforcement officers. The LEOS/Fire coverage for deputy sheriffs and law enforcement officers includes a 1.70% benefit multiplier.

Actuarial Assumptions and Methods

Section III and Section IV of this report outline the full set of actuarial assumptions and methods used in the current valuation. The valuation reflects a contribution timing adjustment based on feedback from the 2014 quadrennial actuarial audit of the Virginia Retirement System by JLARC. The valuation assumes an annual cost-of-living adjustment of 2.50% for Plan 1 members and 2.25% for Plan 2 members. Salary increases range between 3.50% and 5.35% depending on the member's service and classification (i.e., members with general employee benefits or with LEOS/Fire coverage). Liabilities were determined under the Entry Age Normal actuarial cost method.

Section I – Summary of Principal Results

Assets

Table 1, Item 5 shows the market and actuarial values of assets for this employer. Five-year smoothed market value of assets is used for actuarial valuation purposes. The actuarial value reflects only a portion of the excess (or shortfall) between recent market value returns and the corresponding expected returns based on the 7.00% investment return assumption. The actuarial value recognizes this excess return (or shortfall) over a five-year period at the rate of 20% per year. This approach dampens year-to-year fluctuations in the contribution rates. The actuarial value of assets cannot be less than 80% or more than 120% of the market value of assets.

Member Data

This actuarial valuation is based on census data supplied by the VRS. The number of active members is shown in Table 1, Item 1a. The number of members who have worked for this employer at one time, but who are now active at another employer, is shown in Table 1, Item 1b. The liability for this employer's share of the benefits for such former employees has been reflected in the liabilities and in the contribution rates. The number of retirees shown includes those who retired from this employer, as well as those who retired from another employer with service attributed to this employer. The liabilities also take into account this employer's share of the benefits for former active members who later were employed by another VRS employer, and subsequently retired. Section VI provides a summary of the average data.

Any changes in coverage adopted but not included in the valuation data may not be reflected in the current contribution rate. Subsequent valuations may therefore result in a change to the required contribution rate, reflective of the change in coverage.

Experience

Most employers have experienced a gain for the year ending June 30, 2015, primarily due to an actuarial value of assets return of greater than the expected 7.0% return.

Tables

There are five tables included in this report. Table 1 is a summary of the membership statistics, asset values and contribution rates for this employer. Table 2 presents a breakdown of normal cost by type of benefit. Table 3 shows the actuarial present value of future benefits, broken down by membership category and type of benefit. Table 4 provides the details of the development of the recommended contribution rate, including a breakdown of contribution rates for members with general employees benefit coverage and members with LEOS/Fire benefit coverage. The breakdown of contribution rates between general employees and LEOS/Fire covered employees is shown for informational purposes only. Table 5 shows estimated contribution rates for the next five years, which are based on the plan's future experience matching all actuarial assumptions and reflecting the impact of asset smoothing on the current difference between market and actuarial value of assets.

Section I – Summary of Principal Results

Summary of Results (Table 1)

For convenience of reference, a comparison of the principal results of the current and the previous valuations are summarized below. The following exhibit shows the development of the contribution rate based on the June 30, 2015 actuarial valuation. This contribution was developed using level percent of pay amortization of the unfunded liability with a closed amortization period. The June 30, 2015 valuation contribution rate shown below establishes the contribution rate, for funding purposes, for the fiscal years ending 2017 and 2018. Please note that the contribution rate determined in the 2014 valuation is for informational purposes only.

		June 30, 2015	June 30, 2014
1.	**Participants**		
	a. Actives	195	190
	b. Transfers Out	62	60
	c. Retirees and Beneficiaries	51	49
	d. Retirees and Beneficiaries Elsewhere	22	20
	e. Inactive, Vested	14	12
	f. Inactive, Nonvested	46	47
	g. Total	390	378
2.	**Covered Payroll**	$8,099,544	$8,013,078
3.	**Averages for active members**		
	a. Average Age	46.7	46.0
	b. Average Years of Service	11.6	11.6
	c. Average Pay	$41,536	$42,174
4.	**Expected Retirement Benefits**	$917,523	$884,031
5.	**Assets**		
	a. Market Value of Assets	$28,281,731	$26,884,113
	b. Actuarial Value of Assets	$27,426,712	$24,724,406
6.	**Actuarial Accrued Liability**	$29,056,317	$28,064,641
7.	**Unfunded Actuarial Accrued Liability** (6 – 5b)	$1,629,605	$3,340,235
8.	**Normal Cost Rate**		
	a. Gross Normal Cost Rate	11.10%	11.01%
	b. Member Contribution Rate	4.93%	4.99%
	c. Employer Normal Cost Rate (8a – 8b)	6.17%	6.02%
9.	**Recommended Employer Contribution Rate for Fiscal Year Ending**	**2017 & 2018**	**Informational Purposes Only**
	a. Employer Normal Cost Rate	6.17%	6.02%
	b. Amortization Charge	0.66%	2.18%
	c. Administrative Expenses	0.21%	N/A
	d. DC Match	0.08%	0.01%
	e. Total (9a + 9b + 9c (not less than zero) + 9d)	7.12%	8.21%
10.	**Amortization Period**	20 - 28	20 - 29

Section II – Plan Contribution Development

Normal Cost (Table 2)

The Normal Cost represents active participant benefits that are to accrue during the plan year and is a component of the contribution. The following table shows the Normal Cost as it is attributable to the plan benefits under the current plan.

	June 30, 2015	June 30, 2014
1. Normal Cost as Percent of Payroll		
a. Retirement Benefits	7.69%	7.64%
b. Termination Benefits	1.70%	1.68%
c. Disability Benefits	1.35%	1.39%
d. Death Benefits	0.36%	0.30%
e. Total	11.10%	11.01%
2. Covered Payroll	$8,099,544	$8,013,078

Section II – Plan Contribution Development

Actuarial Present Value of Future Benefits (Table 3)

The actuarial present value of future benefits represents the obligations of the plan as of the valuation date for active and inactive members with respect to each member's expected benefit payable at retirement, termination from service, disability or death. The following table shows the components of the liability.

	June 30, 2015	June 30, 2014
1. Active Members		
a. Retirement Benefits	$21,261,325	$20,440,290
b. Termination Benefits	1,127,079	1,107,757
c. Disability Benefits	1,219,075	1,255,383
d. Death Benefits	529,660	449,544
e. Total	$24,137,139	$23,252,974
2. Retired Members		
a. Service Retirements	$9,019,612	$8,718,285
b. Disability Retirements	470,463	529,321
c. Beneficiaries	599,799	607,600
d. Total	$10,089,874	$9,855,206
3. Terminated Members with Future Benefits		
a. Vested Terminations	$1,218,194	$1,235,685
b. Nonvested Terminations	105,201	107,762
c. Total	$1,323,395	$1,343,447
4. Total Present Value of Future Benefits	$35,550,408	$34,451,627

Section II – Plan Contribution Development

Development of the Annual Contribution (Table 4)

The following exhibit shows the development of the June 30, 2015 contribution rate. This contribution was developed using level percent of pay amortization of the unfunded liability with a closed amortization period. Please note that the contribution rate determined in the 2015 valuation establishes the contribution rate for fiscal years ending 2017 and 2018. Please note that the contribution rate determined in the 2014 valuation is for informational purposes only.

		June 30, 2015	June 30, 2014
1.	**Covered Payroll**		
	a. General Employees Benefit Coverage	$5,613,897	$5,896,859
	b. Members with LEOS/Fire Benefit Coverage	2,485,647	2,116,219
	c. Total	$8,099,544	$8,013,078
2.	**Present Value of Future Pay**	$52,303,189	$52,673,457
3.	**Total Normal Cost**	$881,613	$865,611
4.	**Normal Cost Rate**		
	a. Total Normal Cost	11.10%	11.01%
	b. Less: Member Contribution Rate	4.93%	4.99%
	c. Employer Normal Cost Rate	6.17%	6.02%
5.	**Actuarial Accrued Liability**		
	a. Actives	$17,643,048	$16,865,988
	b. Inactives	11,413,269	11,198,653
	c. Total	$29,056,317	$28,064,641
6.	**Actuarial Value of Assets**	$27,426,712	$24,724,406
7.	**Unfunded Actuarial Accrued Liability (UAAL)** (5c – 6)	$1,629,605	$3,340,235
8.	**UAAL as a Percent of Covered Payroll**	20.12%	41.68%
9.	**UAAL Amortization Rate**	0.66%	2.18%
10.	**Administrative Expense Rate**	0.21%	N/A
11.	**DC Match for Hybrid Members**	0.08%	0.01%
12.	**Amortization Period**	20 – 28	20 - 29
13.	**Recommended Employer Contribution Rate for Fiscal Year Ending** (4c + 9 + 10 (not less than zero) + 11)	**2017 & 2018** 7.12%	**Informational Purposes Only** 8.21%
14.	**Breakdown of Employer Contribution Rate for Informational Purposes Only**		
	a. General Employees Benefit Coverage	5.07%	6.39%
	b. Members with LEOS/Fire Benefit Coverage	11.74%	13.31%

Section II – Plan Contribution Development

Development of the Annual Contribution (Table 4) – Continued

This table shows the employer normal cost before and after pension reform has been fully phased-in.

	Employer Normal Cost Rate June 30, 2015	
	2015 Valuation*	**After Full Impact of 2012 Pension Reform+**
General Employees	4.22%	2.85%
Hazardous Duty	10.82%	10.30%
Total Blended Rate	6.25%	5.13%
Long-Term Savings		1.12%

Phase in of impact of Hybrid plan and benefit changes for members with hazardous duty benefits, if applicable, estimated to take over 20 years.

* Net of 5% member contribution rate for Plan 1 and Plan 2. Net of 4% member contribution rate under hybrid plan for members with non-hazardous duty benefits. Net of 5% member contribution for members with hazardous duty benefits with no hybrid plan, if applicable. Rates include the employer matching contribution to the defined contribution portion of the hybrid plan.
+ Hybrid plan normal cost includes employer match to defined contribution portion of hybrid plan assuming 80% of members pay minimum contribution with employer making 1% contribution and 20% of members pay maximum contribution with employer making 3.5% contribution.

5-Year Projection of Biennial Employer Contribution Rates (Table 5)

This table shows estimated contribution rates for the next five years, which are based on the Plan's future experience matching all actuarial assumptions. The rates do not include the employer matching contribution to the defined contribution portion of the hybrid plan.

Fiscal Year Ending	Projected Employer Contribution Rate*
June 30, 2015	9.64%
June 30, 2016	9.64%
June 30, 2017	7.04%
June 30, 2018	7.04%
June 30, 2019	6.35%
June 30, 2020	6.35%

*Note: Contribution rates are net of employee contributions

The rate shown for the fiscal years ending 2015 and 2016 are based on the June 30, 2013 actuarial valuation, and the rates shown for fiscal years ending 2017 and 2018 are based on the June 30, 2015 actuarial valuation. We have performed projections to determine an estimated contribution rate as of June 30, 2017 for the years ending 2019 and 2020. The projection assumes an annual return on assets of 7.00%, a level population, and that future Plan experience exactly matches all actuarial assumptions.

Amortization Schedule Unfunded Accrued Liability

Description	Original Amount	Outstanding Balance as of June 30, 2014	BOY 2014/2015 Amortization Payment	Outstanding Balance as of June 30, 2015	BOY 2015/2016 Amortization Payment	Years Remaining June 30, 2015
2013 Original Unfunded	$4,386,629	$4,436,087	$247,976	$4,481,279	$255,415	28 years
2014 Experience (Gain) / Loss	($1,095,852)	($1,095,852)	($76,822)	($1,090,362)	($79,126)	19 years
2015 Experience (Gain) / Loss	($1,761,312)			($1,761,312)	($123,472)	20 years
Total		$3,340,235	$171,154	$1,629,605	$52,817	

Section III – Actuarial Assumptions and Methods

Assumptions for all Participants

1. Investment Return Rate	7.00% per annum, compounded annually.
2. Inflation Assumption	2.50% per year.
3. Actuarial Cost Method	Entry age normal cost method. Actuarial gains and losses are reflected in the unfunded actuarial accrued liability. See Section IV for a detailed explanation.
4. Funding Period	The legacy unfunded actuarial accrued liability, the unfunded actuarial accrued liability as of June 30, 2013, is amortized over a closed 30 year period beginning June 30, 2013. The amortization period of the legacy unfunded will decrease by one in each subsequent valuation until reaching 0 years. The actuarial gains and losses and other changes in the unfunded due to benefit and actuarial assumption and method changes for each valuation subsequent to the June 30, 2013 valuation will be amortized over a closed 20 year period. See the Amortization Schedule for more detail.
5. Payroll Growth Rate	3% per annum.
6. Asset Valuation Method	The method of valuing assets is intended to recognize a "smoothed" market value of assets. Under this method, the difference between actual return on market value from investment experience and the expected return on market value is recognized over a five-year period. The resulting actuarial value of assets cannot be less than 80% or more than 120% of the market value of assets.
7. Cost-of-Living Increase	2.5% per year compounded annually for Plan 1 members receiving benefits or vested as of January 1, 2013 and 2.25% compounded annually for all other members. The temporary supplement for members with LEOS/Fire benefit coverage is assumed to be adjusted biennially based on increases of 2.5% per annum compounded annually.
8. Percent Electing a Deferred Termination Benefit	Terminating members are assumed to elect a return of contributions or a deferred annuity, whichever is most valuable benefit at the time of termination. Termination benefits are assumed to commence at normal retirement.
9. Marriage Assumption	100% of active employees are assumed to be married, with spouses the same age as participants.
10. Employer Contribution to DC Hybrid Plan	The valuation assumes an average employer defined contribution rate of 1.21% for members in the Hybrid Plan as reported by VRS.

Assumptions for all Participants (Continued)

11. Service Related Disability	The service related disability benefits do not include an adjustment for Social Security or Worker's Compensation benefits.
12. Hazardous Duty Service	The valuation of hazardous duty benefits, if applicable, assumes that all VRS service is hazardous duty service for purposes of determining eligibility for the temporary supplement.
13. Changes Since Previous Valuation	For changes, if any, in actuarial assumptions and methods refer to the cover letter of this report.

Assumptions for Participants with General Employees Benefit Coverage

1. Mortality Rates — 14% of deaths are assumed to be service related.

   a. Pre-Retirement — RP-2000 Employee Mortality Table Projected with Scale AA to 2020 with Males set forward 4 years and Females set back 2 years.

   b. Post-Retirement — RP-2000 Combined Mortality Table Projected with Scale AA to 2020 with Males set forward 1 year.

   c. Post-Disablement — RP-2000 Disabled Life Mortality Table with Males set back 3 years and no provision for future mortality improvement.

	Deaths Per 100 Members					
	Male Participants			Female Participants		
Age	Pre Retirement	Post Retirement	Post Disablement	Pre Retirement	Post Retirement	Post Disablement
20	0.03	0.02	2.26	0.01	0.01	0.75
25	0.04	0.03	2.26	0.01	0.02	0.75
30	0.06	0.05	2.26	0.02	0.02	0.75
35	0.09	0.08	2.26	0.03	0.04	0.75
40	0.11	0.10	2.26	0.05	0.05	0.75
45	0.14	0.12	2.26	0.07	0.08	0.75
50	0.19	0.17	2.51	0.10	0.12	1.15
55	0.32	0.29	3.16	0.17	0.23	1.65
60	0.53	0.57	3.80	0.30	0.46	2.18
65	0.72	1.11	4.50	0.46	0.89	2.80
70	1.47	1.82	5.45	0.63	1.51	3.76
75	4.37	3.18	6.94	1.02	2.39	5.22
80	8.67	6.01	9.21	2.84	3.99	7.23

Mortality improvement is anticipated under the post-retirement mortality assumption as projected with scale AA.

Assumptions for Participants with General Employees Benefit Coverage (Continued)

2. Retirement Rates

The following rates of retirement are assumed for members eligible to retire from Plan1.

	Retirements Per 100 Members			
	Reduced Retirement		Unreduced Retirement	
Age	Male	Female	Male	Female
50	5.0	4.0	9.0	8.0
51	5.0	4.5	9.0	8.0
52	5.0	4.5	7.0	8.0
53	5.0	4.5	7.0	8.0
54	5.0	4.5	10.0	10.0
55	5.0	5.5	14.0	11.5
56	6.0	5.0	14.0	11.5
57	6.0	5.0	10.0	12.5
58	6.0	5.0	11.0	13.0
59	6.0	5.0	11.0	11.5
60	6.0	7.5	11.0	13.0
61	10.0	7.5	25.0	17.5
62	17.0	17.0	35.0	25.0
63	15.0	13.0	25.0	25.0
64	15.0	13.0	27.0	17.5
65	30.0	30.0	33.0	40.0
66	30.0	30.0	33.0	40.0
67	30.0	30.0	20.0	25.0
68	30.0	30.0	20.0	25.0
69	30.0	30.0	20.0	25.0
70	100.0	100.0	100.0	100.0

Assumptions for Participants with General Employees Benefit Coverage (Continued)

3. Retirement Rates

The following rates of retirement are assumed for members eligible to retire from Plan 2 and Hybrid Members.

	Retirements Per 100 Members			
	Reduced Retirement		Unreduced Retirement	
Age	Male	Female	Male	Female
50	0	0	9.0	8.0
51	0	0	9.0	8.0
52	0	0	7.0	8.0
53	0	0	7.0	8.0
54	0	0	10.0	10.0
55	0	0	14.0	11.5
56	0	0	14.0	11.5
57	0	0	10.0	12.5
58	0	0	11.0	13.0
59	0	0	11.0	11.5
60	6.0	7.5	11.0	13.0
61	10.0	7.5	25.0	17.5
62	17.0	17.0	35.0	25.0
63	15.0	13.0	25.0	25.0
64	15.0	13.0	25.0	25.0
65	30.0	30.0	25.0	25.0
66	30.0	30.0	27.0	17.5
67	30.0	30.0	33.0	40.0
68	30.0	30.0	33.0	40.0
69	30.0	30.0	20.0	25.0
70	100.0	100.0	100.0	100.0

Assumptions for Participants with General Employees Benefit Coverage (Continued)

4. Disability Rates

As shown below for selected ages. 14% of disability cases are assumed to be service related.

	Disabilities Per 100 Members	
Age	Male Participants	Female Participants
20	0.02	0.01
25	0.01	0.01
30	0.06	0.02
35	0.11	0.05
40	0.14	0.08
45	0.19	0.13
50	0.31	0.27
55	0.51	0.45
60	0.82	0.70
65	0.56	0.55

5. Termination Rates

The following withdrawal rates are used based on age and years of service (for causes other than death, disability, or retirement).

	Male Members – Years of Service		
Age	0-2	3-9	10+
25	0.2350	0.1400	0.0000
30	0.2100	0.1250	0.0600
35	0.1850	0.1050	0.0550
40	0.1650	0.0900	0.0400
45	0.1550	0.0800	0.0300
50	0.1300	0.0650	0.0250
55	0.1200	0.0650	0.0100
60	0.1200	0.0700	0.0100
65	0.1200	0.0800	0.0000

	Female Members – Years of Service		
Age	0-2	3-9	10+
25	0.2550	0.1650	0.0000
30	0.2200	0.1400	0.0600
35	0.1900	0.1150	0.0600
40	0.1650	0.1000	0.0450
45	0.1500	0.0800	0.0350
50	0.1350	0.0700	0.0300
55	0.1250	0.0650	0.0000
60	0.1200	0.0700	0.0000
65	0.1300	0.0900	0.0000

Assumptions for Participants with General Employees Benefit Coverage (Continued)

6. Salary Increase Rates

The following salary increase rates are used. The Total Annual Rate of Increase consists of an inflation rate of 2.50%, a real wage inflation component of 1.00%, and a variable merit component that is based on years of service.

Years of Service	Total Annual Rate of Increase
1	5.35%
2	5.35%
3	4.75%
4	4.45%
5	4.45%
6	4.45%
7	4.35%
8	4.25%
9	4.00%
10	4.00%
11-19	3.65%
20 or more	3.50%

Assumptions for Participants with LEOS/Fire Benefit Coverage

1. Mortality Rates — 60% of deaths are assumed to be service related.

   a. Pre-Retirement — RP-2000 Employee Mortality Table Projected with Scale AAto 2020 with Males set back 2 years and Females set back 2 years.

   b. Post-Retirement — RP-2000 Combined Mortality Table Projected with Scale AA to 2020 with Males set forward 1 year.

   c. Post-Disablement — RP-2000 Disabled Life Mortality Table with Males set back 3 years and no provision for future mortality improvement.

Deaths Per 100 Members

	Male Participants			Female Participants		
Age	Pre Retirement	Post Retirement	Post Disablement	Pre Retirement	Post Retirement	Post Disablement
20	0.02	0.02	2.26	0.01	0.01	0.75
25	0.03	0.03	2.26	0.01	0.02	0.75
30	0.04	0.05	2.26	0.02	0.02	0.75
35	0.06	0.08	2.26	0.03	0.04	0.75
40	0.09	0.10	2.26	0.05	0.05	0.75
45	0.10	0.12	2.26	0.07	0.08	0.75
50	0.13	0.17	2.51	0.10	0.12	1.15
55	0.18	0.29	3.16	0.17	0.23	1.65
60	0.29	0.57	3.80	0.30	0.46	2.18
65	0.49	1.11	4.50	0.46	0.89	2.80

Mortality improvement is anticipated under the post-retirement mortality assumption as projected with scale AA.

Assumptions for Participants with LEOS/Fire Benefit Coverage (Continued)

2. Retirement Rates

The following rates of retirement are assumed for members eligible to retire.

Age	Retirements Per 100 Members	
	Reduced Retirement	Unreduced Retirement
50	8.5	25.0
51	9.0	14.0
52	7.0	12.0
53	8.0	12.0
54	8.0	10.5
55	8.5	17.5
56	8.5	16.5
57	8.5	18.5
58	9.5	19.0
59	11.5	28.5
60	20.0	35.0
61	25.0	35.0
62	30.0	50.0
63	30.0	50.0
64	40.0	50.0
65	100.0	100.0

3. Disability Rates

As shown below for selected ages. 60% of disability cases are assumed to be service related.

Age	Disabilities Per 100 Members
20	0.00
25	0.00
30	0.03
35	0.07
40	0.11
45	0.29
50	0.38
55	0.48
60	0.64
63+	0.28

Assumptions for Participants with LEOS/Fire Benefit Coverage (Continued)

4. Termination Rates

The following withdrawal rates are used based on age and years of service. (For causes other than death, disability, or retirement)

	Male Members – Years of Service		
Age	0-2	3-9	10+
25	0.1300	0.0850	0.0000
30	0.1100	0.0750	0.0500
35	0.1100	0.0700	0.0380
40	0.1000	0.0600	0.0280
45	0.1300	0.0600	0.0240
50	0.1100	0.0600	0.0320
55	0.1500	0.0800	0.0050
60	0.1100	0.1000	0.0050
63+	0.2200	0.1080	0.0500

	Female Members – Years of Service		
Age	0-2	3-9	10+
25	0.1300	0.1000	0.0000
30	0.1200	0.0800	0.0450
35	0.1400	0.0800	0.0450
40	0.1400	0.0700	0.0350
45	0.1200	0.0600	0.0350
50	0.1200	0.0600	0.0350
55	0.1200	0.0500	0.0050
60	0.1200	0.0500	0.0050
63+	0.2240	0.1080	0.0500

5. Salary Increase Rates

The following salary increase rates are used. The Total Annual Rate of Increase consists of an inflation rate of 2.50%, a real wage inflation component of 1.00%, and a variable merit component that is based on years of service.

Years of Service	Total Annual Rate of Increase
1	4.75%
2	4.75%
3	4.75%
4	4.75%
5	4.65%
6 - 9	4.40%
10 – 19	4.00%
20 or more	3.50%

Section IV – Actuarial Cost Method

1. The valuation is prepared on the projected benefit basis, which is used to determine the present value of each member's expected benefit payable at retirement, disability, termination from service or death. The calculations are based on the member's age, years of service, sex, compensation, expected future salary increases, and an assumed future interest earnings rate (currently 7.00%). The calculations consider the probability of a member's death or termination of employment prior to becoming eligible for a benefit and the probability of the member terminating with a service, disability, or survivor's benefit. The present value of the expected benefits payable to active members is added to the present value of the expected future payments to current benefit recipients to obtain the present value of all expected benefits payable to the present group of members and survivors.

2. The employer contributions required to support the benefits of the political subdivisions participating in VRS are determined following a level funding approach and consist of a normal contribution and an accrued liability contribution.

3. The normal contribution is determined using the "entry age normal" method. Under this method, a calculation is made for pension benefits to determine the uniform and constant percentage rate of employer contribution which, if applied to the compensation of the average new member during the entire period of his anticipated covered service, would be required in addition to the contributions of the member to meet the cost of all benefits payable on his behalf.

4. The unfunded accrued liability is determined by subtracting the current assets and the present value of prospective employer normal contributions and member contributions from the present value of expected benefits to be paid from the Plan. The accrued liability contribution amortizes the balance of the unfunded accrued liability over a period of years from the valuation date.

Section V – Summary of Benefit Provisions

1. Effective Date	January 1, 1960
2. Plan Year	Twelve-month period ending June 30th.
3. Administration	Virginia Retirement System (VRS) is administered by a Board of Trustees.
4. Type of Plan	VRS is a qualified governmental defined benefit retirement plan. For Governmental Accounting Standards Board purposes, it is considered an agent multiple-employer PERS with separate cost-sharing pools for each locality.
5. Eligibility	All full-time, salaried, permanent employees of the Commonwealth of Virginia or of any participating Virginia city, county, town or political subdivision or of any local Virginia school boards are eligible to become members of VRS.
Plan 1:	Members hired prior to July 1, 2010, and who were vested as of January 1, 2013.
Plan 2:	Members hired on or after July 1, 2010 but prior to January 1, 2014, or members hired prior to July 1, 2010 and who were not vested as of January 1, 2013.
Hybrid:	Members hired on or after January 1, 2014 or by member election.
6. Employee Contributions	
Defined Benefit:	Active members in Plan 1 and Plan 2 contribute 5.00% of their creditable compensation per year. Active members in the Hybrid Plan contribute 4% of their creditable compensation per year. The employer may "pick-up" the member's assessments under the provisions of Internal Revenue Code Section 414(h).
Defined Contribution:	Active members in the Hybrid Plan are required to contribute 1% of their creditable compensation per year to the defined contribution component of the Hybrid Plan. Active members can make voluntary additional contributions of up 4% of their creditable compensation.
7. Creditable Compensation	Annual salary minus any overtime pay, payments of a temporary nature, or payments for extra duties.
8. Service	Employees receive credit of one month of service for each month a contribution is made on their behalf to VRS. A member may also purchase credit for certain periods, such as time spent in the military, by paying a purchase rate (5 or 15 percent of the larger of current creditable compensation or final average compensation times the number of years to be purchased). Special rules and limits govern the purchase of additional service.

9. Average Final Compensation (AFC)

Plan 1:	The average of the member's highest 36 consecutive months of salary.
Plan 2 & Hybrid:	The average of the member's highest 60 consecutive months of salary.

10. Optional Forms — There are optional forms of payment available on an actuarially equivalent basis, as follows:

a. 100% Survivor Option	Upon the member's death, 100% of the benefit continues to the contingent annuitant.
b. 50% Survivor Option	Upon the member's death, 50% of the benefit continues to the contingent annuitant.
c. Leveling Option	A temporarily increased retirement allowance payable to a date specified by the member and a reduced retirement allowance (on an actuarially equivalent basis) payable after the specified date for the member's remaining lifetime.
d. Partial Lump Sum Option	The member may elect to receive a lump sum payment equal to the sum of 12, 24, or 36 payments of the standard monthly life annuity. The member's monthly benefit will be actuarially reduced to reflect the lump sum payment. The member may then elect to receive the reduced monthly annuity under any of the other optional forms of payment.

Actuarial equivalence is based on tables adopted by the Board of Trustees.

11. Cost-of-Living Increase

Plan 1:	Members qualify for cost-of-living increase on July 1 of the second calendar year after retirement. Automatic cost-of-living increases are calculated as the first 3% of the Consumer Price Index increase plus half of each percentage increase from 3% to 7%.
Plan 2 & Hybrid:	Members qualify for cost-of-living increase on July 1 of the second calendar year after retirement. Automatic cost-of-living increases are calculated as the first 2% increase of the Consumer Price Index plus half of each percent from 2% to 4%, with the maximum cost-of-living increase of 3%.
Plan 1, 2, and Hybrid:	The COLA is deferred for one full calendar year after the member reaches unreduced retirement age. The deferred COLA does not apply to employees within 5 years of eligibility for unreduced retirement as of January 1, 2013 and to members who retire with twenty or more years of service.

12. Changes Since Previous Valuation — For changes, if any, in benefit provisions since the previous valuation refer to the cover letter of this report.

Section V – Summary of Benefit Provisions

Benefit Provisions for Participants with General Employees Benefit Coverage

1. Normal Retirement

a. Eligibility

Plan 1: A member may retire upon Normal Retirement on or after age 65 with credit for 5 years of service.

Plan 2 & Hybrid: A member may retire upon Normal Retirement after reaching Social Security normal retirement age plus five years of service.

b. Annual Benefit

Plan 1: 1.70% of average final compensation (AFC) times years of service.

Plan 2: 1.70% of average final compensation (AFC) times years of service up to January 1, 2013 plus 1.65% of AFC times years of service from January 1, 2013.

Hybrid: 1.00% of average final compensation (AFC) times years of service.

c. Payment Form

Benefits are paid as a monthly life annuity, with a guarantee that if the payments do not exceed the member's contributions plus interest, determined as of the date at retirement, the balance will be paid in a lump sum to the member's beneficiary. Optional forms of payment are available; see above.

2. Early Retirement

a. Eligibility

Plan 1: A member may retire early after reaching age 50 with at least ten years of service credit, or age 55 with credit for at least five years of service.

Plan 2 & Hybrid: A member may retire early after reaching age 60 with five years of service, or upon the sum of their age and their service being 90 (Rule of 90).

b. Annual Benefit

Plan 1: Calculated the same as the normal retirement benefit, using actual service at retirement and multiplied by a reduction factor. No reduction applies if the member has credit for thirty years of service at retirement and is at least age 50. For members at least age 55, the reduction is 0.5% per month for the first 60 months and 0.4% per month for the next 60 months. This reduction is applied for each month that the retirement age precedes 65, or if more favorable, for each month the service at retirement is less than 30. For members younger than 55 at retirement, the reduction factor determined as though the member were 55 is further reduced by multiplying it by a second factor, to reflect a 0.6% reduction for each month retirement precedes age 55.

Plan 2 & Hybrid: Calculated the same as the normal retirement benefit, using actual service at retirement and multiplied by an actuarial equivalent reduction factor. No reduction is applied if the sum of the member's age and service is equal to 90.

c. Payment Form

Same as for Normal Retirement above.

Benefit Provisions for Participants with General Employees Benefit Coverage (Continued)

3. Disability Retirement – For members in Plan 1 and Plan 2

a. Eligibility — A member is eligible from the first day of employment.

b. Annual Benefit — For members with less than five years of service credit, the minimum guaranteed benefit. For members with greater than five years of service credit, the greater of the minimum guaranteed benefit and 1.7% of AFC times service credit (1.65% for Plan 2 members). Benefit is reduced by Worker's Compensation (if any).

c. Minimum Guaranteed Benefit

i. Workers Compensation Guarantee

66 2/3% of AFC if member does not qualify for primary Social Security and 50% of AFC if member qualifies for primary Social Security.

ii. Special Retirement Allowance Guarantee

50% of AFC if member does not qualify for primary Social Security and 33 1/3% of AFC if member qualifies for primary Social Security.

d. Service Credit — If disability occurs before age 60, service is the smaller of 1) twice actual service, and 2) rendered service plus the number of years remaining between age at disability and age 60.

e. Payment Form — The disability benefit commences immediately upon the member's retirement. Benefits cease upon recovery or reemployment. Disability benefits are payable as a monthly life annuity with a guarantee that, at the member's death, the sum of the member's contributions plus interest as of the date of retirement will be paid in a lump sum to the member's beneficiary. 100% and 50% Survivor Options are also permitted for disability retirement. (A refund of the member's contribution account is paid out for a work-related disability.)

4. Disability Retirement – For members in Hybrid Plan

Provisions applying to Hybrid members: In lieu of the above benefits, these members will be covered by the Virginia Local Disability Program (VLDP) or, if the employer opted-out of VLDP during the election period, a comparable plan. Under VLDP (or a comparable plan), these members will receive a deferred benefit payable at normal retirement from this plan. The deferred benefit will be computed like a normal retirement benefit. For this calculation, a member's creditable service will include the period of disability, and the Average Final Compensation will be adjusted to reflect increases in the cost-of-living between the date of disability and the date of normal retirement. If the member dies while disabled before normal retirement, a death benefit will be determined as though the employee were an active member.

Benefit Provisions for Participants with General Employees Benefit Coverage (Continued)

5. Deferred Termination Benefit

a. Eligibility	A member with at least five years of service who does not withdraw his/her contributions from the fund is eligible for a deferred termination benefit.
b. Annual Benefit	Same as normal retirement benefit, but both AFC and service are determined at the time the member leaves active employment. For Plan 1 members, benefits may commence unreduced at age 65 or at age 50 with at least 30 years of service. Reduced benefits may commence at or after age 55 with more than 5 years of service or age 50 with at least 10 years of service. For Plan 2 members, benefits may commence unreduced at Social Security Normal Retirement Age. Reduced benefits may commence at or after age 60 with more than 5 years of service. For valuation purposes, it is assumed that benefits will commence at Normal Retirement.
c. Payment Form	The form of payment is the same as for Normal Retirement above.
d. Death Benefit	The beneficiary of a member who dies after leaving active service but before retiring is entitled to receive a lump sum distribution of the deceased member's contribution account.

6. Withdrawal (Refund) Benefit

a. Eligibility	All members leaving covered employment with less than five years of service are eligible. Optionally, vested members (those with five or more years of service) may withdraw their contributions plus interest in lieu of the deferred benefits otherwise due.
b. Benefit	The member who withdraws receives a lump-sum payment of his/her employee contributions, plus the interest credited on these contributions. Interest is credited at 4%.

7. Death Benefit

a. Eligibility	Death must have occurred while an active or inactive, non-retired member.
b. Benefit	Upon the death of a nonvested member, a refund of the member's contributions and interest is paid. Upon the death of a vested member, if death occurs while in active service the qualifying survivor of the member is entitled to receive a benefit determined as though the member retired, elected the 100% Survivor Option, then died. If the member dies before reaching age 55, the member is assumed to be 55 for benefit calculation purposes. The qualifying survivor may elect to receive a refund of the contributions plus interest in lieu of the monthly benefit. If the death occurs while inactive, benefits payable are described in item 4(d) above.
c. Work-Related Death	Qualifying survivor would receive 50% of AFC if beneficiary does not qualify for Social Security survivor benefits, and 33 1/3% of AFC if beneficiary qualifies for Social Security survivor benefits. This benefit is reduced by Worker's Compensation. In addition, a refund of the member's contribution account is paid to the beneficiary.

Section V – Summary of Benefit Provisions

Benefit Provisions for Participants with LEOS/Fire Benefit Coverage

1. Benefit Multiplier by Hazardous Duty Position

a. Sheriff	1.85%
b. Deputy sheriffs	1.70%
c. Law enforcement officers	1.70%

2. Normal Retirement

a. Eligibility	A member may retire upon Normal Retirement on or after age 60 with credit for 5 years of service.
b. Annual Benefit	Benefit multiplier shown above times average final compensation (AFC) times years of service.
c. Payment Form	Benefits are paid as a monthly life annuity, with a guarantee that if the payments do not exceed the member's contributions plus interest, determined as of the date at retirement, the balance will be paid in a lump sum to the member's beneficiary. Optional forms of payment are available; see above.
d. Supplement	A member hired on or after June 30, 1974 who has 20 or more years of hazardous service at retirement or a member hired before June 30, 1974 who is vested under LEOS/Fire benefits shall receive an additional annual retirement allowance of $13,548 payable from the date of retirement to their Social Security normal retirement age. This amount is adjusted biennially based upon increases in Social Security benefits during the interim period.

3. Early Retirement

a. Eligibility	A member may retire early after reaching age 50 with at least five years of service.
b. Annual Benefit	Calculated the same as the normal retirement benefit, using actual service at retirement and reduced by 1/2% for the first 60 months and 4/10% for any additional months of early retirement. This reduction is applied for each month that the retirement age precedes 60, or if more favorable, for each month the service at retirement is less than 25. No reduction applies if the member has credit for 25 years of service at retirement.
c. Payment Form	Same as for Normal Retirement above.
d. Supplement	A member hired on or after June 30, 1974 who has 20 or more years of hazardous service at retirement or a member hired before June 30, 1974 who is vested under LEOS/Fire benefits shall receive an additional annual retirement allowance of $13,548 payable from the date of retirement to their Social Security normal retirement age. This amount is adjusted biennially based upon increases in Social Security benefits during the interim period.

Benefit Provisions for Participants with LEOS/Fire Benefit Coverage (Continued)

4. Disability Retirement

a. Eligibility — A member is eligible from the first day of employment.

b. Annual Benefit — For members with less than five years of service credit, the minimum guaranteed benefit. For members with greater than five years of service credit, the greater of the minimum guaranteed benefit and 1.7% of AFC times service credit. Benefit is reduced by Worker's Compensation (if any).

c. Minimum Guaranteed Benefit

1. Workers Compensation Guarantee

66 2/3% of AFC if member does not qualify for primary Social Security and 50% of AFC if member qualifies for primary Social Security.

2. Special Retirement Allowance Guarantee

50% of AFC if member does not qualify for primary Social Security and 33 1/3% of AFC if member qualifies for primary Social Security.

d. Service Credit — If disability occurs before age 60, service is the smaller of 1) twice actual service, and 2) rendered service plus the number of years remaining between age at disability and age 60.

e. Payment Form — The disability benefit commences immediately upon the member's retirement. Benefits cease upon recovery or reemployment. Disability benefits are payable as a monthly life annuity with a guarantee that, at the member's death, the sum of the member's contributions plus interest as of the date of retirement will be paid in a lump sum to the member's beneficiary. 100% and 50% Survivor Options are also permitted for disability retirement. (A refund of the member's contribution account is paid out for a work-related disability.)

5. Deferred Termination Benefit

a. Eligibility — A member with at least five years of service who does not withdraw his/her contributions from the fund is eligible for a deferred termination benefit.

b. Annual Benefit — Same as normal retirement benefit, but both AFC and service are determined at the time the member leaves active employment. Benefits may commence unreduced at age 60 or at age 50 with at least 25 years of service. Reduced benefits may commence at or after age 50 if the member is not eligible for an unreduced benefit. For valuation purposes, it is assumed that this benefit will commence at age 60 with 5 years of service.

c. Payment Form — The form of payment is the same as for Normal Retirement above.

Benefit Provisions for Participants with LEOS/Fire Benefit Coverage (Continued)

d. Death Benefit — The beneficiary of a member who dies after leaving active service but before retiring is entitled to receive a lump sum distribution of the deceased member's contribution account.

6. Withdrawal (Refund) Benefit

a. Eligibility — All members leaving covered employment with less than five years of service are eligible. Optionally, vested members (those with five or more years of service) may withdraw their contributions plus interest in lieu of the deferred benefits otherwise due.

b. Benefit — The member who withdraws receives a lump-sum payment of his/her employee contributions, plus the interest credited on these contributions. Interest is credited at 4%.

7. Death Benefit

a. Eligibility — Death must have occurred while an active or inactive, non-retired member.

b. Benefit — Upon the death of a nonvested member, a refund of the member's contributions and interest is paid. Upon the death of a vested member, if death occurs while in active service the qualifying survivor of the member is entitled to receive a benefit determined as though the member retired, elected the 100% Survivor Option, then died. If the member dies before reaching age 50, the member is assumed to be 50 for benefit calculation purposes. The qualifying survivor may elect to receive a refund of the contributions plus interest in lieu of the monthly benefit. If the death occurs while inactive, benefits payable are described in item 5(d) above.

c. Work-Related Death — Beneficiary would receive 50% of AFC if beneficiary does not qualify for Social Security survivor benefits, and 33 1/3% of AFC if beneficiary qualifies for Social Security survivor benefits. This benefit is reduced by Worker's Compensation. In addition, a refund of the member's contribution account is paid to the beneficiary.

Section VI – Data Summary

	June 30, 2015
1. Active Members	
a. Average Age	46.7
b. Average Vesting Service	11.6
c. Average Entry Age	35.1
d. Average Pay	$41,536
2. Members Retiring in Fiscal Year	**2015**
a. Average Age at Retirement	59.8
b. Average Service at Retirement	19.6
c. Average AFC at Retirement	$34,838
d. Average Benefit as Percent of AFC	33.24%
e. Average Benefit at Retirement	$11,578
f. Average Social Security Benefit at 62	$15,480

RECEIVED
JAN 19 2016
NORTHAMPTON COUNTY
Administration Office

COMMONWEALTH of VIRGINIA

Marissa J. Levine, MD, MPH, FAAFP
State Health Commissioner

John J. Aulbach II, PE
Director, Office of Drinking Water

DEPARTMENT OF HEALTH

OFFICE OF DRINKING WATER

Southeast Virginia Field Office

830 Southampton Avenue
Suite 2058
Norfolk, VA 23510
Phone (757) 683-2000
Fax (757) 683-2007

JAN 14 2016

SUBJECT: NORTHAMPTON COUNTY
Water - Arlington Plantation
PWSID No. 3131008

Mr. Mike Dziubinski
Arlington Plantation Property Owners Association
2230 Arlington Chase Road
Cape Charles, Virginia 23310

Dear Mr. Dziubinski:

A Preliminary Engineering Report prepared by MSA, P.C. for the Arlington Plantation waterworks located in Northampton County, has been reviewed by this office. The report is titled "Virginia Department of Health, Office of Drinking Water Preliminary Engineering Report For Arlington Plantation Waterworks, Arlington Chase Road, Cape Charles, Virginia, MSA Project #15057" and is dated June 30, 2015.

The report evaluates and proposes improvements to the waterworks including the installation of chlorine disinfection.

The Virginia Department of Health, Office of Drinking Water, in accordance with 12 VAC 5-590-200 of the Commonwealth of Virginia *Waterworks Regulations* approves the Preliminary Engineering Report

An approved copy of this document is on file in the Southeast Virginia Field Office.

If we can be of additional assistance, please contact Mr. Ernest G. Johnson, Jr., PE, District Engineer, at (757) 683-2000, ext. 112.

Sincerely,

Daniel C. Bolt
for Daniel B. Horne
Engineering Field Director

EGJ/DBH/kcb

pc: Mr. Dirk Lynch, Environmental Scientist, MSA, P.C.
Ms. Katherine H. Nunez, Northampton County Administrator
Northampton County Health Department
ODW-Central (Attn: Mr. Barry Matthews, PG, Director, Division of Capacity Development)

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NORTHAMPTON POST 56
AMERICAN LEGION DEPARTMENT OF VIRGINIA
21210/A N BAYSIDE ROAD, PO BOX 357
CHERITON, VIRGINIA 23316

RECEIVED
8 2016
NORTHAMPTON COUNTY
Administration Office

January 22, 2016

Dear Northampton County Board of Supervisors,

Post 56 participates in the American Legion Boys State program. This week long summer camp is conducted every year at Radford University in Virginia for the purpose of building responsibility, leadership, and solid citizenship. The Boys State process is designed to develop individual initiative and commitment to community service. Students are nominated by local high schools during their junior year based on their grade point average, course curriculum, and extracurricular activities. The American Legion Post 56 interviews the nominees and then selects the delegates to Boys State. College admissions officers have stated that participation in Boys State is highly valued on the student's enrollment application.

Last year, Post 56 was able to finance six (6) delegates. This year our goal is to send six (6) delegates, from Northampton High School and Broadwater Academy, at a cost of $400.00 per individual. This figure includes all expenses including tuition and room and board.

We ask for and invite your support by sponsoring a boy as a delegate or whatever monetary amount you can support. Your commitment and sponsorship is very much appreciated and will be duly noted in Post 56 Bugle, our award winning Post newsletter. Please reply to me as soon as possible, but no later than April 1, 2016, to let me know how many boys we are able to send.

Yours truly, Bill

Bill Stramm, Commander

Bill Stramm, Boys State Chairman,
billstramm@gmail.com or 703-967-8676 (m)

July 1, 2015 Population Estimates for Virginia and its Counties and Cities

Published on January 27, 2016 by the Weldon Cooper Center for Public Service Demographics Research Group

www.coopercenter.org/demographics/

				Change since 2010 Census	
FIPS Code	Locality	April 1, 2010 Census	July 1, 2015 Estimate	*Numeric Change*	*Percent Change*
	Virginia	8,001,024	8,382,993	381,969	4.8%
001	Accomack County	33,164	33,516	352	1.1%
003	Albemarle County	98,970	105,051	6,081	6.1%
005	Alleghany County	16,250	15,515	-735	-4.5%
007	Amelia County	12,690	12,909	219	1.7%
009	Amherst County	32,353	32,028	-325	-1.0%
011	Appomattox County	14,973	15,455	482	3.2%
013	Arlington County	207,627	234,678	27,051	13.0%
015	Augusta County	73,750	74,881	1,131	1.5%
017	Bath County	4,731	4,727	-4	-0.1%
019	Bedford County	74,898	77,575	2,677	3.6%
021	Bland County	6,824	6,684	-140	-2.1%
023	Botetourt County	33,148	33,486	338	1.0%
025	Brunswick County	17,434	16,930	-504	-2.9%
027	Buchanan County	24,098	22,983	-1,115	-4.6%
029	Buckingham County	17,146	16,988	-158	-0.9%
031	Campbell County	54,842	56,167	1,325	2.4%
033	Caroline County	28,545	29,792	1,247	4.4%
035	Carroll County	30,042	29,283	-759	-2.5%
036	Charles City County	7,256	7,331	75	1.0%
037	Charlotte County	12,586	12,454	-132	-1.0%
041	Chesterfield County	316,236	333,450	17,214	5.4%
043	Clarke County	14,034	14,206	172	1.2%
045	Craig County	5,190	5,192	2	0.0%
047	Culpeper County	46,689	48,908	2,219	4.8%

FIPS Code	Locality	April 1, 2010 Census	July 1, 2015 Estimate	*Numeric Change*	*Percent Change*
049	Cumberland County	10,052	9,989	-63	-0.6%
051	Dickenson County	15,903	15,339	-564	-3.5%
053	Dinwiddie County	28,001	28,753	752	2.7%
057	Essex County	11,151	10,914	-237	-2.1%
059	Fairfax County	1,081,726	1,129,330	47,604	4.4%
061	Fauquier County	65,203	67,898	2,695	4.1%
063	Floyd County	15,279	15,430	151	1.0%
065	Fluvanna County	25,691	26,162	471	1.8%
067	Franklin County	56,159	56,373	214	0.4%
069	Frederick County	78,305	82,623	4,318	5.5%
071	Giles County	17,286	17,179	-107	-0.6%
073	Gloucester County	36,858	37,072	214	0.6%
075	Goochland County	21,717	22,277	560	2.6%
077	Grayson County	15,533	16,087	554	3.6%
079	Greene County	18,403	19,840	1,437	7.8%
081	Greensville County	12,243	11,804	-439	-3.6%
083	Halifax County	36,241	35,766	-475	-1.3%
085	Hanover County	99,863	104,013	4,150	4.2%
087	Henrico County	306,935	320,717	13,782	4.5%
089	Henry County	54,151	52,822	-1,329	-2.5%
091	Highland County	2,321	2,277	-44	-1.9%
093	Isle of Wight County	35,270	36,438	1,168	3.3%
095	James City County	67,009	73,325	6,316	9.4%
097	King and Queen County	6,945	7,190	245	3.5%
099	King George County	23,584	24,600	1,016	4.3%
101	King William County	15,935	16,253	318	2.0%
103	Lancaster County	11,391	11,297	-94	-0.8%
105	Lee County	25,587	25,182	-405	-1.6%
107	Loudoun County	312,311	374,451	62,140	19.9%
109	Louisa County	33,153	34,244	1,091	3.3%
111	Lunenburg County	12,914	12,435	-479	-3.7%

FIPS Code	Locality	April 1, 2010 Census	July 1, 2015 Estimate	*Numeric Change*	*Percent Change*
113	Madison County	13,308	13,099	-209	-1.6%
115	Mathews County	8,978	8,737	-241	-2.7%
117	Mecklenburg County	32,727	31,608	-1,119	-3.4%
119	Middlesex County	10,959	11,082	123	1.1%
121	Montgomery County	94,392	98,121	3,729	4.0%
125	Nelson County	15,020	14,993	-27	-0.2%
127	New Kent County	18,429	20,468	2,039	11.1%
131	Northampton County	12,389	12,176	-213	-1.7%
133	Northumberland County	12,330	12,220	-110	-0.9%
135	Nottoway County	15,853	16,261	408	2.6%
137	Orange County	33,481	34,015	534	1.6%
139	Page County	24,042	23,719	-323	-1.3%
141	Patrick County	18,490	18,450	-40	-0.2%
143	Pittsylvania County	63,506	63,255	-251	-0.4%
145	Powhatan County	28,046	28,442	396	1.4%
147	Prince Edward County	23,368	23,631	263	1.1%
149	Prince George County	35,725	37,131	1,406	3.9%
153	Prince William County	402,002	443,463	41,461	10.3%
155	Pulaski County	34,872	34,841	-31	-0.1%
157	Rappahannock County	7,373	7,308	-65	-0.9%
159	Richmond County	9,254	9,119	-135	-1.5%
161	Roanoke County	92,376	93,775	1,399	1.5%
163	Rockbridge County	22,307	22,163	-144	-0.6%
165	Rockingham County	76,314	79,134	2,820	3.7%
167	Russell County	28,897	28,008	-889	-3.1%
169	Scott County	23,177	22,759	-418	-1.8%
171	Shenandoah County	41,993	42,228	235	0.6%
173	Smyth County	32,208	31,417	-791	-2.5%
175	Southampton County	18,570	18,551	-19	-0.1%
177	Spotsylvania County	122,397	128,998	6,601	5.4%
179	Stafford County	128,961	140,176	11,215	8.7%

FIPS Code	Locality	April 1, 2010 Census	July 1, 2015 Estimate	*Numeric Change*	*Percent Change*
181	Surry County	7,058	6,819	-239	-3.4%
183	Sussex County	12,087	11,887	-200	-1.7%
185	Tazewell County	45,078	44,051	-1,027	-2.3%
187	Warren County	37,575	38,829	1,254	3.3%
191	Washington County	54,876	54,130	-746	-1.4%
193	Westmoreland County	17,454	17,725	271	1.6%
195	Wise County	41,452	39,943	-1,509	-3.6%
197	Wythe County	29,235	28,743	-492	-1.7%
199	York County	65,464	69,466	4,002	6.1%
510	Alexandria City	139,966	159,571	19,605	14.0%
520	Bristol City	17,835	17,625	-210	-1.2%
530	Buena Vista City	6,650	6,817	167	2.5%
540	Charlottesville City	43,475	48,210	4,735	10.9%
550	Chesapeake City	222,209	238,283	16,074	7.2%
570	Colonial Heights City	17,411	17,215	-196	-1.1%
580	Covington City	5,961	6,198	237	4.0%
590	Danville City	43,055	42,544	-511	-1.2%
595	Emporia City	5,927	6,082	155	2.6%
600	Fairfax City	22,565	23,193	628	2.8%
610	Falls Church City	12,332	14,183	1,851	15.0%
620	Franklin City	8,582	8,535	-47	-0.5%
630	Fredericksburg City	24,286	26,969	2,683	11.0%
640	Galax City	7,042	7,043	1	0.0%
650	Hampton City	137,436	138,626	1,190	0.9%
660	Harrisonburg City	48,914	53,875	4,961	10.1%
670	Hopewell City	22,591	22,984	393	1.7%
678	Lexington City	7,042	7,410	368	5.2%
680	Lynchburg City	75,568	78,675	3,107	4.1%
683	Manassas City	37,821	41,577	3,756	9.9%
685	Manassas Park City	14,273	15,700	1,427	10.0%
690	Martinsville City	13,821	13,474	-347	-2.5%

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700	Newport News City	180,719	183,454	2,735	1.5%
710	Norfolk City	242,803	247,189	4,386	1.8%
720	Norton City	3,958	3,946	-12	-0.3%
730	Petersburg City	32,420	32,057	-363	-1.1%
735	Poquoson City	12,150	12,359	209	1.7%
740	Portsmouth City	95,535	96,874	1,339	1.4%
750	Radford City	16,408	17,420	1,012	6.2%
760	Richmond City	204,214	217,938	13,724	6.7%
770	Roanoke City	97,032	99,681	2,649	2.7%
775	Salem City	24,802	25,438	636	2.6%
790	Staunton City	23,746	24,542	796	3.4%
800	Suffolk City	84,585	90,426	5,841	6.9%
810	Virginia Beach City	437,994	453,500	15,506	3.5%
820	Waynesboro City	21,006	21,795	789	3.8%
830	Williamsburg City	14,068	14,860	792	5.6%
840	Winchester City	26,203	27,515	1,312	5.0%
	Total Counties	5,548,619	5,819,210	270,591	4.9%
	Total Cities	2,452,405	2,563,783	111,378	4.5%

Metropolitan Areas

Blacksburg	178,237	182,991	4,754	2.7%
Bristol combined	95,888	94,514	-1,374	-1.4%
Charlottesville	218,705	231,244	12,539	5.7%
Harrisonburg	125,228	133,009	7,781	6.2%
Lynchburg	252,634	259,900	7,266	2.9%
NoVa	2,677,141	2,909,438	232,297	8.7%
Richmond	1,388,820	1,447,071	58,251	4.2%
Roanoke	308,707	313,945	5,238	1.7%
Staunton	118,502	121,218	2,716	2.3%
Virginia Beach	1,460,359	1,517,155	56,796	3.9%
Winchester	104,508	110,138	5,630	5.4%

FIPS Code	Locality	April 1, 2010 Census	July 1, 2015 Estimate	*Numeric Change*	*Percent Change*
	Total metropolitan	6,928,729	7,320,623	391,894	5.7%
	Micropolitan Areas				
	Big Stone Gap	61,313	59,228	-2,085	-3.4%
	Danville	106,561	105,799	-762	-0.7%
	Martinsville	67,972	66,296	-1,676	-2.5%
	Total micropolitan	235,846	231,323	-4,523	-1.9%
	Neither metropolitan nor micropolitan	836,449	831,047	-5,402	-0.6%
	Planning Districts				
	1 LENOWISCO	94,174	91,830	-2,344	-2.5%
	2 Cumberland Plateau	113,976	110,381	-3,595	-3.2%
	3 Mount Rogers	193,595	191,012	-2,583	-1.3%
	4 New River Valley	178,237	182,991	4,754	2.7%
	5 Roanoke Valley-Alleghany	330,918	335,658	4,740	1.4%
	6 Central Shenandoah	286,781	297,621	10,840	3.8%
	7 Northern Shenandoah Valley	222,152	229,120	6,968	3.1%
	8 Northern Virginia	2,230,623	2,436,146	205,523	9.2%
	9 Rappahannock-Rapidan	166,054	171,228	5,174	3.1%
	10 Thomas Jefferson	234,712	248,500	13,788	5.9%
	11 Region 2000	252,634	259,900	7,266	2.9%
	12 West Piedmont	249,182	246,918	-2,264	-0.9%
	13 Southside	86,402	84,304	-2,098	-2.4%
	14 Commonwealth Regional Counc	104,609	104,667	58	0.1%
	15 Richmond Regional	1,002,696	1,054,636	51,940	5.2%
	16 George Washington Regional Co	327,773	350,535	22,762	6.9%
	17 Northern Neck	50,429	50,361	-68	-0.1%
	18 Middle Peninsula	90,826	91,248	422	0.5%
	19 Crater	489,699	508,182	18,483	3.8%

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	22 Accomack-Northampton	45,553	45,692	139	0.3%
	23 Hampton Roads	1,666,310	1,725,777	59,467	3.6%