

# **Board of Supervisors Committee Meeting Packet**

## **Monday, February 12, 2024**

Personnel Committee

9:30 am

Work Session

10:00 am

Finance Committee

Immediately follows  
Work Session



# Personnel Committee Agenda

Berryville/Clarke County Government Center, 2<sup>nd</sup> Floor  
101 Chalmers Court, Berryville, Virginia 22611

February 12, 2024, 9:30 am

<i>Item</i>	<i>Description</i>	<i>Page</i>
A.	Expiration of Term for Appointments Expiring through April 2024	3

# Appointments by Expiration Through April 2024

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	<i>Appt Date</i>	<i>Exp Date</i>	<i>Resignation Date</i>
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*February 2024*

Clarke County Sanitary Authority 4 Yr  
 Coffelt            Lee            Town of Boyce 7/19/2022    2/15/2024

The board of the Authority shall be appointed by the BOS and shall be composed of 5 members, 1 of whom shall be a resident of the Town of Boyce, each for a term of 4 years and until his successor is appointed and qualifies except appointments to fill vacancies, which shall be for the remainder of such un-expired term. The Town may submit a nominee or nominees to the BOS for its consideration in making the appointment of the Boyce resident member. From VA Code 15.2-5113 D) Alternate board members may also be selected. Such alternates shall be selected in the same manner and shall have the same qualifications as the board members except that an alternate for an elected board member need not be an elected official. Oath of Office Required.

Board of Zoning Appeals 5 Yr  
 Shenk            Philip            Alternate 6/15/2021    2/15/2024

Appointed by Circuit Court; BOS letter of recommendation to Clerk. Oath of Office Required - Clerk of Circuit Court; 5 total members: 1 member may be on the Planning Commission Pg 1114 Supv Manual; other 4 have been generally 1 from each magisterial district, although not required.; Section 7-A-1 of the Zoning Ord states: "The Board shall consist of 5 residents of Clarke Co. Members of the Board shall hold no other public office in the locality except that 1 may be a member of the Clarke Co Planning Commission."

Volk            Laurie            White Post District 7/15/2019    2/15/2024

Appointed by Circuit Court; BOS letter of recommendation to Clerk. Oath of Office Required - Clerk of Circuit Court; 5 total members: 1 member may be on the Planning Commission Pg 1114 Supv Manual; other 4 have been generally 1 from each magisterial district, although not required.; Section 7-A-1 of the Zoning Ord states: "The Board shall consist of 5 residents of Clarke Co. Members of the Board shall hold no other public office in the locality except that 1 may be a member of the Clarke Co Planning Commission."

Borel            Alain F.            White Post District 4/1/2019    2/15/2024

Appointed by Circuit Court; BOS letter of recommendation to Clerk. Oath of Office Required - Clerk of Circuit Court; 5 total members: 1 member may be on the Planning Commission Pg 1114 Supv Manual; other 4 have been generally 1 from each magisterial district, although not required.; Section 7-A-1 of the Zoning Ord states: "The Board shall consist of 5 residents of Clarke Co. Members of the Board shall hold no other public office in the locality except that 1 may be a member of the Clarke Co Planning Commission."

*March 2024*

Lord Fairfax Emergency Medical Services Council 1 yr  
 Gray            Stephanie            Career Representative 3/21/2023    3/15/2024

07-2018: LFEMSC bylaw change annual reappointment and recommendations by the Board be made no later than April 1 [60 days prior to annual meeting] of each year for the June LFEMSC Annual Meeting. 01-19-2022: Send letter of appointment recommendations to tmclaurin@vaems.org

Lord Fairfax Emergency Medical Services Council

1 yr

Trent Carolyn Medical Professional 3/21/2023 3/15/2024

07-2018: LFEMSC bylaw change annual reappointment and recommendations by the Board be made no later than April 1 [60 days prior to annual meeting] of each year for the June LFEMSC Annual Meeting. 01-19-2022: Send letter of appointment recommendations to [tmclaurin@vaems.org](mailto:tmclaurin@vaems.org)

Conrad Bryan H. Volunteer Representative; White Post District 3/21/2023 3/15/2024

07-2018: LFEMSC bylaw change annual reappointment and recommendations by the Board be made no later than April 1 [60 days prior to annual meeting] of each year for the June LFEMSC Annual Meeting. 01-19-2022: Send letter of appointment recommendations to [tmclaurin@vaems.org](mailto:tmclaurin@vaems.org)

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*April 2024*

Library Advisory Council

4 Yr

Daisley Shelley Russell District 4/21/2020 4/15/2024

The Council shall consist of nine (9) regular members and one liaison from the BoS. The BoS shall appoint the liaison for a one (1) year term. Members may be recommended by the Council to the BoS, and shall be appointed for four (4) year terms by the BoS. Members can be reappointed for a maximum of three consecutive terms. If a member misses three consecutive meetings, the board reserves the right to vote to terminate membership

Foster Nancy Russell District 4/21/2020 4/15/2024

The Council shall consist of nine (9) regular members and one liaison from the BoS. The BoS shall appoint the liaison for a one (1) year term. Members may be recommended by the Council to the BoS, and shall be appointed for four (4) year terms by the BoS. Members can be reappointed for a maximum of three consecutive terms. If a member misses three consecutive meetings, the board reserves the right to vote to terminate membership

Planning Commission

Reed Ryan Buckmarsh/Battletown District 11/21/2023 4/30/2024

Appointed by BOS; Oath of Office Required - Clerk of Circuit Court; Section 1-C-2 of the Zoning Ordinance states: "The Planning Commission shall consist of eleven members, appointed by the Board. Members of the Planning Commission shall be residents of the County, with there being 2 residents of each of the Board Election Districts. In addition, 1 member of the Commission shall be a member of the Board. Members of the Commission shall be qualified by knowledge and experience to make decisions on questions of community growth and development. At least 1/2 of the members of the Planning Commission shall be owners of real property in the County."

Dunning Buster White Post / Greenway District 4/21/2020 4/30/2024

Appointed by BOS; Oath of Office Required - Clerk of Circuit Court; Section 1-C-2 of the Zoning Ordinance states: "The Planning Commission shall consist of eleven members, appointed by the Board. Members of the Planning Commission shall be residents of the County, with there being 2 residents of each of the Board Election Districts. In addition, 1 member of the Commission shall be a member of the Board. Members of the Commission shall be qualified by knowledge and experience to make decisions on questions of community growth and development. At least 1/2 of the members of the Planning Commission shall be owners of real property in the County."

Planning Commission

4 Yr

Malone Gwendolyn Berryville District 4/21/2020 4/30/2024

Appointed by BOS; Oath of Office Required - Clerk of Circuit Court; Section 1-C-2 of the Zoning Ordinance states: "The Planning Commission shall consist of eleven members, appointed by the Board. Members of the Planning Commission shall be residents of the County, with there being 2 residents of each of the Board Election Districts. In addition, 1 member of the Commission shall be a member of the Board. Members of the Commission shall be qualified by knowledge and experience to make decisions on questions of community growth and development. At least 1/2 of the members of the Planning Commission shall be owners of real property in the County."

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*Resigned*

Economic Development Advisory Committee

4 Yr

Dodson Reid Russell District 11/23/2021 12/31/2025 11/13/2023

Members of the committee should include one or more people from all key government and business groups such as planning commission, board of supervisors, school board, industrial development authority, town of Berryville, chamber of commerce, and key business sectors such as agriculture, banking, realty, light industry, retail and tourism. Membership not limited. 4 year term.

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*Resigned*

Library Advisory Council

4 Yr

Al-Khalili Adeela Buckmarsh District 3/15/2022 4/15/2026 1/16/2024

The Council shall consist of nine (9) regular members and one liaison from the BoS. The BoS shall appoint the liaison for a one (1) year term. Members may be recommended by the Council to the BoS, and shall be appointed for four (4) year terms by the BoS. Members can be reappointed for a maximum of three consecutive terms. If a member misses three consecutive meetings, the board reserves the right to vote to terminate membership

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*Resigned*

Historic Preservation Commission

4 Yr

Al-Khalili Adeela Buckmarsh District 6/1/2022 5/31/2026 1/16/2024

Section 3-E-3-d Zoning Ord "shall consist of at least 5 members not to exceed 7 members; Members shall be residents of Clarke County with a demonstrated interest in and knowledge of the historic character of Clarke County. Reasonable effort to appoint at least 2 members with professional training or equivalent experience in 1 or more of the following: architecture, architectural history, historic preservation, archeology, land use planning, or related fields. Reasonable effort to appoint at least 1 member that is a professional architect or architectural historian. At least 1 member shall be appointed from the Planning Commission upon recommendation to the Board by the Planning Commission. After the establishment of an Historic District, at least 1 member shall be a resident of a local Historic District."

# Clarke County Public Body Listing

			<i>Appt Date</i>	<i>Exp Date</i>
<i>Agricultural &amp; Forestal District Advisory Committee</i>				
Childs	Corey	Landowner	7/20/2021	7/15/2027
Conrad	Sam	Landowner/Producer	8/17/2021	7/15/2027
Day	Emily	Landowner/Producer	7/20/2021	7/15/2027
Dorsey	Tupper	Landowner/Producer	8/17/2021	7/15/2027
Hartsook	Shawna	Landowner/Producer	8/17/2021	7/15/2027
McKay	Beverly B.	BoS - Appointed Member	8/17/2021	7/15/2027
Peake	Donna	Commissioner of the Revenue	8/17/2021	7/15/2027
Shenk	Philip	Landowner/Producer	8/17/2021	7/15/2027
Simmons	Tait	Landowner	8/17/2021	7/15/2027
<i>Barns of Rose Hill Board of Directors</i>				
Cook	Peter		11/23/2021	12/31/2024
<i>BCCGC Joint Building Committee</i>				
Arnold, Jr.	Harry Lee	Berryville Town Council Representative	1/11/2018	
Boies	Chris	County Administrator	12/2/2019	
Dalton	Keith	Berryville Town Manager		
Marsten	Catherine	Clerk	1/1/2022	
McKay	Beverly B.	BoS - Appointed Member	1/16/2024	12/31/2024
<i>Berryville Area Development Authority</i>				
Ohrstrom, II	George	Russell District	12/13/2021	3/31/2025
Smart	Kathy	White Post District	3/21/2023	3/31/2026
Weiss	David S.	Buckmarsh/Blue Ridge District	4/19/2022	3/31/2025
<i>Berryville/Clarke County Joint Committee for Economic Development and Tourism</i>				
Arnold, Jr.	Harry Lee	BTC - Appointed Member		
Boies	Chris	Staff Representative - County Administrator	12/2/2019	
Brown	Michelle	Staff Representative - Director of Economic Development	7/10/2023	
Dalton	Keith	Staff Representative - Town Manager		
Dunkle	Christy	Staff Representative - Town - Alternate		
Ford	Indea	Clerk	11/7/2022	
Harrison	Diane	BTC - Appointed Member		
Lawrence	Doug	BoS - Appointed Member	1/16/2024	12/31/2024
Weiss	David S.	BoS - Appointed Member	1/16/2024	12/31/2024
<i>Board of Septic &amp; Well Appeals</i>				

			<i>Appt Date</i>	<i>Exp Date</i>
Buckley	Randy	White Post District; Planning Commission Alternate, Vice-Chair	1/16/2024	1/31/2025
Camp	Jeremy	Staff Representative		
Irwin	Jenny	Citizen Representative	1/16/2024	2/15/2028
McKay	Beverly B.	BoS - Alternate	1/16/2024	12/31/2024
Ohrstrom, II	George	Russell District; Planning Commission Chair Representative	1/16/2024	1/31/2025
Staelin	John	Planning Commission Citizen Alternate	1/16/2024	1/31/2025
Weiss	David S.	BoS - Appointed Member	2/5/2024	12/31/2024

*Board of Social Services*

Byrd	Barbara J.	Russell District	12/19/2023	12/31/2027
Cushman	Anne	Berryville District	12/19/2023	12/31/2027
Dabinett	Laura	Russell District	6/21/2022	7/15/2026
Dodson	Gerald	Berryville District	6/16/2020	7/15/2024
Lawrence	Doug	BoS - Appointed Member	1/16/2024	12/31/2024
Parker	Jennifer	Staff Representative		
Smith	James	Berryville District	6/15/2021	7/15/2025
York	Robert	White Post District	6/21/2022	7/15/2026

*Board of Supervisors*

Bass	Matthew	Berryville District	1/1/2024	12/31/2027
Boies	Chris	Clerk	12/2/2019	
Catlett	Terri T.	Millwood/Pinegrove Districts, Vice Chair	1/1/2024	12/31/2027
Lawrence	Doug	Russell District	1/1/2024	12/31/2027
McKay	Beverly B.	White Post District	1/1/2024	12/31/2027
Weiss	David S.	Buckmarsh/Blue Ridge Districts; Chair	1/1/2024	12/31/2027

*Board of Supervisors Finance Committee*

Catlett	Terri T.	BoS - Appointed Member	1/16/2024	12/31/2024
McKay	Beverly B.	BoS - Alternate	1/16/2024	12/31/2024
Weiss	David S.	BoS - Appointed Member	1/16/2024	12/31/2024

*Board of Supervisors Personnel Committee*

Catlett	Terri T.	BOS - Alternate	1/16/2024	12/31/2024
McKay	Beverly B.	BoS - Appointed Member	1/16/2024	12/31/2024
Weiss	David S.	BoS - Appointed Member	1/16/2024	12/31/2024

*Board of Zoning Appeals*

Borel	Alain F.	White Post District	4/1/2019	2/15/2024
Brumback	Clay	White Post District	1/17/2023	2/15/2028
Camp	Jeremy	Staff Representative		
Means	Howard	White Post District	1/19/2021	2/15/2026
Shenk	Philip	Alternate	6/15/2021	2/15/2024

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			<i>Appt Date</i>	<i>Exp Date</i>
Staelin	John	Millwood District	12/5/2022	2/15/2025
Volk	Laurie	White Post District	7/15/2019	2/15/2024
<i>Broadband Implementation Committee</i>				
Dunning	Buster	White Post District	5/17/2022	6/30/2024
Houck	William	Citizen Representative	5/17/2022	6/30/2024
Lawrence	Doug	Russell District	1/16/2024	12/31/2024
McKay	Beverly B.	White Post District	1/16/2024	12/31/2024
<i>Career and Technical Education Advisory Committee</i>				
Catlett	Terri T.	BoS - Appointed Member	1/16/2024	12/31/2024
<i>Clarke County Sanitary Authority</i>				
Armbrust	Wayne	White Post District; Vice Chair	11/17/2020	6/30/2024
Bauhan	Tom	White Post District; Sec/Treasurer	12/13/2021	1/5/2026
Bennett	Brenda	Assistant Treasurer	1/17/2023	
Coffelt	Lee	Town of Boyce	7/19/2022	2/15/2024
Conrad	Bryan H.	White Post District	1/17/2023	1/5/2025
DeArment	Roderick	White Post District; Chair	12/15/2020	1/5/2025
McKay	Beverly B.	BoS - Liaison	1/16/2024	12/31/2024
Meredith	Mary	Staff Representative	1/2/2018	
<i>Community Policy and Management Team</i>				
Acker	Denise	Northwestern Community Services	11/23/2021	12/31/2024
Ash	David	Parent Representative	1/16/2024	12/31/2026
Catlett	Terri T.	BoS - Appointed Member	1/16/2024	12/31/2024
Greene	Colin	Alternate - VDH Representative	11/23/2021	12/31/2024
Mair	Tavan	Private Provider - Connected Communities, Inc.	11/22/2022	12/31/2025
Moore	Frank	CCPS Representative	12/20/2022	12/31/2025
Parker	Jennifer	Director Clarke County DSS	1/19/2021	12/31/2022
Shirley	Leea	VDH Representative	11/23/2021	12/31/2024
<i>Conservation Easement Authority</i>				
Bacon	Rives	White Post District	11/22/2022	12/31/2025
Buckley	Randy	White Post District	11/22/2022	12/31/2025
Hedlund	John	Berryville District	3/15/2022	12/31/2024
Jones	Michelle	Millwood / Pine Grove District	11/22/2022	12/31/2025
McKay	Beverly B.	BoS - Appointed Member	1/16/2024	12/31/2024
Ohrstrom, II	George	Russell District; Planning Commission Representative	3/21/2023	4/30/2026
Thomas	Walker	Buckmarsh District	11/23/2021	12/31/2024
Weiss	David S.	BoS - Alternate	1/16/2024	12/31/2024



			<i>Appt Date</i>	<i>Exp Date</i>
<i>Constitutional Officer</i>				
Keeler	Sharon	Treasurer	1/1/2024	12/31/2027
Peake	Donna	Commissioner of the Revenue	1/1/2024	12/31/2027
Sumption	Travis	Sheriff	1/1/2024	12/31/2027
Wilkerson	April	Clerk of the Circuit Court	1/1/2024	12/31/2031
Williams	Anne	Commonwealth Attorney	1/1/2024	12/31/2027
<i>County Administrator</i>				
Boies	Chris	County Administrator	12/2/2019	
<i>Director of Economic Development</i>				
Brown	Michelle	Director of Economic Development	7/10/2023	
<i>Economic Development Advisory Committee</i>				
Borel	Christian	White Post District	7/18/2023	12/31/2026
Brown	Michelle	Director of Economic Development	7/10/2023	
Dodson	Reid	Russell District	11/23/2021	12/31/2025
Dunkle	Christy	Town of Berryville Representative	12/19/2023	12/31/2027
Ford	Indea	Clerk	11/7/2022	
Gribble	Mark	Buckmarsh District	11/22/2022	12/31/2026
Kraybill	Christina	Berryville District, Business Owner	9/20/2022	12/31/2025
McKay	Beverly B.	BoS - Appointed Member	1/16/2024	12/31/2024
Milleson	John R.	Banking, Finance	11/22/2022	12/31/2026
Pritchard	Betsy	Hospitality Industry, agriculture	7/21/2020	8/31/2024
<i>Handley Regional Library Board</i>				
Bacon	Rives		10/19/2021	11/30/2025
<i>Historic Preservation Commission</i>				
Al-Khalili	Adeela	Buckmarsh District	6/1/2022	5/31/2026
Arnett	Betsy	White Post District	4/21/2020	5/31/2024
Berger	Katherine	Buckmarsh District	4/18/2023	5/31/2027
Camp	Jeremy	Staff Representative		
Carter	Paige	White Post District	4/21/2020	5/31/2024
Glover	Bob	Planning Commission Representative	1/16/2024	12/31/2027
Thompson	Billy	White Post District	4/20/2021	5/31/2025
Weiss	David S.	BoS - Liaison	1/16/2024	12/31/2024
York	Robert	White Post District	4/20/2021	5/31/2025
<i>Humane Foundation</i>				
Catlett	Terri T.	BoS - Liaison	1/16/2024	12/31/2024
<i>Industrial Development Authority of the Clarke County, Virginia</i>				

			<i>Appt Date</i>	<i>Exp Date</i>
Brown	Michelle	Director of Economic Development	7/10/2023	
Cantatore	Marcy	Buckmarsh District	11/21/2023	10/30/2025
Ferrell	Brian	Millwood District	10/17/2023	10/30/2027
Ford	Indea	Clerk	11/7/2022	
George	James	Buckmarsh District	10/31/2022	10/30/2026
Guarriello	Ted	Millwood District	11/21/2023	10/30/2027
Pierce	Rodney	Buckmarsh District	9/15/2020	10/30/2024
Preston	Isreal	Berryville District	10/18/2022	10/30/2026
Waite	William	Millwood District	10/31/2017	10/30/2025
Weiss	David S.	BoS - Liaison	1/16/2024	12/31/2024

*Joint Administrative Services Board*

Bennett	Brenda	Staff Representative	7/1/2020	
Boies	Chris	County Administrator	12/2/2019	
Catlett	Rick	School Superintendent	7/1/2023	
Keeler	Sharon	Treasurer	3/12/2005	
Marsten	Catherine	Recording Clerk	1/1/2022	
McKay	Beverly B.	BoS - Alternate	1/16/2024	12/31/2024
Schutte	Charles	School Board Representative	1/8/2012	
Weiss	David S.	BoS - Appointed Member	1/16/2024	12/31/2024

*Josephine School Community Museum Board*

Bass	Matthew	BoS - Liaison	1/16/2024	12/31/2024
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*Legislative Liaison and High Growth Coalition*

Bass	Matthew	BoS - Liaison	1/16/2024	12/31/2024
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*Library Advisory Council*

Al-Khalili	Adeela	Buckmarsh District	3/15/2022	4/15/2026
Bass	Matthew	BoS - Liaison	1/16/2024	12/31/2024
Bogert	Aubrey	White Post District	3/15/2022	4/15/2026
Brondstater	Bette	Berryville District	3/15/2022	4/15/2026
Daisley	Shelley	Russell District	4/21/2020	4/15/2024
Foster	Nancy	Russell District	4/21/2020	4/15/2024
Judge	Ann		3/21/2023	4/15/2025
Kalblian	Maral	Millwood District	3/15/2022	4/15/2026
Mitchell	Jessica	Berryville District	4/20/2021	4/15/2025
Payne	Lisa	Berryville District	4/20/2021	4/15/2025

*Litter Committee*

Bass	Matthew	BoS - Liaison	1/16/2024	12/31/2024
Bauhan	Tom	White Post District	9/21/2021	9/30/2024
Harrison	Ashley	Berryville District	9/21/2021	9/30/2024

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			<i>Appt Date</i>	<i>Exp Date</i>
Keim	John	Russell District	9/21/2021	9/30/2024
Lemmon	Lorien	Staff Representative	7/1/2023	
Maddox	Kristina	Staff Representative	7/1/2023	
Martin	Mary	White Post District	9/21/2021	9/30/2024
McMullen	Christina	Buckmarsh District	8/15/2023	9/30/2024

*Lord Fairfax Emergency Medical Services Council*

Conrad	Bryan H.	Volunteer Representative; White Post District	3/21/2023	3/15/2024
Trent	Carolyn	Medical Professional	3/21/2023	3/15/2024

*Lord Fairfax Soil & Water Conservation District*

Mackay-Smith	Justin	Soil and Water Conservation Director Lord Fairfax District	1/1/2019	12/31/2023
Webb	Wayne	Soil and Water Conservation Director Lord Fairfax District	1/1/2019	12/31/2023

*Northern Shenandoah Valley Regional Commission*

Bass	Matthew	BoS - Alternate	1/16/2024	12/31/2024
McKay	Beverly B.	BoS - Appointed Member	1/16/2024	12/31/2024
Stidham	Brandon	Citizen Representative [Planning Director]	12/13/2021	1/21/2025

*Northwest Regional Adult Drug Treatment Court Advisory Committee*

Bass	Matthew	BoS - Appointed Member	1/16/2024	12/31/2024
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*Northwestern Community Services Board*

Goshen	Lisa	Millwood District	12/19/2023	12/31/2026
McKay	Beverly B.	BoS - Appointed Member	1/19/2021	12/31/2022
Sheikh	Bisma		1/16/2024	12/31/2024

*Northwestern Regional Jail Authority*

Boies	Chris	BoS - Appointed Member	12/19/2023	12/31/2024
Lawrence	Doug	BoS - Appointed Member	1/16/2024	12/31/2027
Sumption	Travis	Sheriff	1/1/2024	12/31/2027

*Northwestern Regional Juvenile Detention Center Commission*

Bass	Matthew	BoS - Liaison	1/16/2024	12/31/2024
Sumption	Travis	Sheriff	1/16/2024	12/20/2024

*Old Dominion Alcohol Safety Action Policy Board & Division of Court Services*

Sumption	Travis	Sheriff	1/16/2024	12/31/2025
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*Old Dominion Community Criminal Justice Board*

Sumption	Travis	Sheriff	1/16/2024	12/31/2025
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			<i>Appt Date</i>	<i>Exp Date</i>
<i>Our Health</i>				
Shipe	Diane	Buckmarsh District	2/15/2022	3/15/2025
<i>Parks &amp; Recreation Advisory Board</i>				
Bass	Matthew	BoS - Liaison	1/16/2024	12/31/2024
Elliston	Tom	Russell District	12/19/2023	12/31/2027
Hoff	Mitch	Berryville District	3/21/2023	12/31/2025
Merriman	Nancy	Town of Berryville Representative	1/16/2024	12/31/2027
Merriman	Susan	White Post District	12/19/2023	12/31/2027
Reynolds	Berkeley	Appointed by Town of Boyce	12/19/2023	12/31/2027
Rhodes	Emily	Buckmarsh District	12/19/2023	12/31/2027
Smith	Tracy	Millwood District	11/23/2021	12/31/2025
Trenary	Randy	School Superintendent Designee	10/24/2013	
Voelkel	Eric	At Large	11/22/2022	12/31/2026
<i>Planning Commission</i>				
Buckley	Randy	White Post District	3/15/2022	4/30/2026
Catlett	Terri T.	BoS - Appointed Member	1/16/2024	12/31/2024
Dunning	Buster	White Post / Greenway District	4/21/2020	4/30/2024
Hunt	Pearce	Russell District	5/19/2020	4/30/2025
Lawrence	Doug	BoS - Alternate	1/16/2024	12/31/2024
Malone	Gwendolyn	Berryville District	4/21/2020	4/30/2024
Ohrstrom, II	George	Russell District	3/21/2023	4/30/2027
Reed	Ryan	Buckmarsh/Battletown District	11/21/2023	4/30/2024
Staelin	John	Millwood District	7/3/2022	4/30/2025
Stidham	Brandon	Staff Representative	4/30/2012	
<i>Regional Airport Authority</i>				
Boies	Chris	BoS - Alternate	1/16/2024	12/31/2024
McKay	Beverly B.	BoS - Alternate	1/16/2024	12/31/2024
Melanson	Leslie	Russell District	5/19/2020	6/30/2024
<i>Shenandoah Area Agency on Aging, Inc.</i>				
Pritchard	Betsy	Buckmarsh District	7/19/2022	9/30/2026
<i>Shenandoah Valley Chief Local Elected Officials Consortium</i>				
Seal	Cathy	Alternate	12/19/2023	12/31/2027
<i>Towns and Villages: Berryville</i>				
Bass	Matthew	BoS - Liaison	1/16/2024	12/31/2024
McKay	Beverly B.	BoS - Alternate	1/16/2024	12/31/2024
<i>Towns and Villages: Boyce</i>				

			<i>Appt Date</i>	<i>Exp Date</i>
Catlett	Terri T.	BoS - Liaison - Alternate	1/16/2024	12/31/2024
McKay	Beverly B.	BoS - Liaison	1/16/2024	12/31/2024
<i>Towns and Villages: Millwood</i>				
Catlett	Terri T.	BoS - Liaison	1/16/2024	12/31/2024
<i>Towns and Villages: Pine Grove</i>				
Catlett	Terri T.	BoS - Liaison	1/16/2024	12/31/2024
Weiss	David S.	BoS - Liaison	1/16/2024	12/31/2024
<i>Towns and Villages: White Post</i>				
McKay	Beverly B.	BoS - Liaison	1/16/2024	12/31/2024



## Board of Supervisors Work Session Agenda

Berryville/Clarke County Government Center, 2<sup>nd</sup> Floor  
101 Chalmers Court, Berryville, Virginia 22611

February 12, 2024, 10:00 am, Meeting Room AB

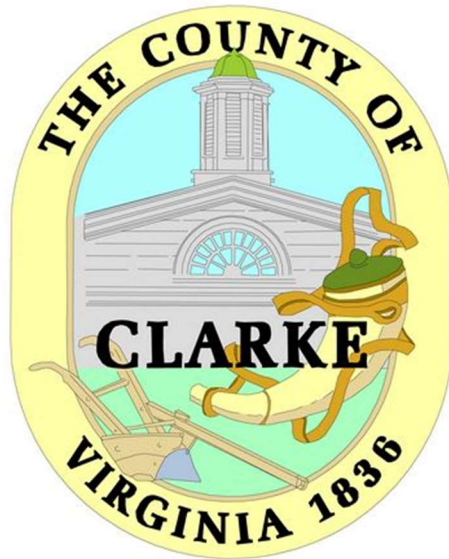
<i>Item</i>	<i>Description</i>	<i>Page</i>
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# Clarke County Sanitary Authority Water & Sewer Utility Master Plan

Clarke County, Virginia

October 20, 2023

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Appendix D: Sewer Flow Projection Calculations

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# **1. EXECUTIVE SUMMARY**

Inboden Environmental Services, Inc. (IES) has developed this Water and Sewer Utility Master Plan at the behest of the Clarke County Sanitary Authority (CCSA). The purpose of the Utility Master Plan is to provide the CCSA with the information needed to develop its future utility availability fees by developing the cost of projected Capital Improvement Projects. IES has operated the CCSA’s water supply systems and sewage collection and treatment systems since 2004; and therefore, has detailed knowledge of the condition of the existing system and an awareness of its future infrastructure needs.

## **1.1 Plan Section Summaries**

The contents of this Water and Sewer Utility Master Plan are outlined below.

**Plan Section 2:** Assessment of the condition and capacity of existing potable water treatment and supply infrastructure.

- Supply relies on a single spring. CCSA has not identified back-up or replacement sources.
- The water treatment plant is showing some areas of wear and age, with some components lacking attention or proper installation, but not yet a major source of maintenance costs. The compressed air supply portion of the water treatment plant is in marginal condition and underperforming required specifications. The piping and delivery portion is under revision with intent to improve performance to design specs.
- The distribution network has a high percentage of loss mostly due to leaks. Fresh water losses for CCSA averaged about 36% from 2014 through 2021. EPA national studies indicate that, on average, 14 percent of the water treated by water systems is lost to leaks. Some water systems have reported water losses exceeding 60 percent.
- The pumping and storage tank systems are in adequate condition.
- One of the three system storage tanks is subject to replacement in the planned future.

**Plan Section 3:** Assessment of the condition and capacity of existing sewer collection and treatment infrastructure.

- The collection system has a number of components with reliability and condition issues including Roseville and Virginia Ave. Lift stations, which are critical choke points. These lift stations are maintenance intensive.
- The wastewater treatment plant is the primary driver of O&M costs. Some elements of the plant are not working properly or are deficient.
- The biological treatment trains have sufficient capacity, but peak loading can push the system to the limits of its nutrient removal capacity. For further information, see Sections 4.3.1 and 4.3.6.2.

**Plan Section 4:** Based on the estimated future water demand and sewer capacity requirements, the following conclusions have been made.

- Some piping upgrades and repairs should be made to the water distribution system over the coming years.
- Water distribution piping repairs should be focused on reducing the percentage of produced water lost to leakage.

- The sewer collection system will primarily require significant upgrades to the lift stations and maintenance to the manholes in the gravity collection network.
- The wastewater treatment plant will likely have sufficient capacity (See sections 3.1.3) in the mid-term; however, additional biological treatment capacity will likely become necessary around 2040.

**Plan Section 5:** Recommended Capital Improvement Projects (CIP) to ensure longevity of existing systems, increase the efficiency of water and sewer utility systems, and accommodate projected growth.

- Proposed CIP projects are based on water demand, sewer flow projections, and major renovation needs identified by the CCSA and IES. Note: This document lends itself to identification of many of the Capital Projects, Operational Costs, Maintenance, and Repair Issues, as items are identified and listed within sections of this report.
- IES obtained estimates where possible and developed rough engineer’s opinions of probable cost for recommended capital improvement projects.
- The recommended water system capital improvement projects are expected to have a total present cost of ~\$10,216,000 (preliminary number) over the course of twenty-five years.
- The recommended sewer system capital improvement projects are expected to have a total present cost of ~\$9,032,000 (preliminary number) over the course of twenty-five years.
- Estimated costs for project components are detailed.
- Estimated timing of CIP project implementation is outlined.

**Plan Section 6:** Description of the relative effects of the recommended CIP items on the projected operations and maintenance costs.

## **1.2 Document Information**

This section describes the methods and resources used to prepare this report.

### **1.2.1 Personnel**

The IES engineering staff that produced this report are as follows:

- David Maciolek, P.E., Senior Engineer, assisted in preparation and was responsible for review of the report contents.
- Cort Hammond, EIT, Engineering Assistant, performed calculations and wrote the report.
- Mark Inboden, IES Director, provided technical review and CIP project information.
- Paren Crawford, IES’s Operator for the CCSA, provided operational background and field inspections.

### **1.2.2 Limitations and Exclusions**

This plan is based on projections of future conditions over the next 25 years (2023 to 2048). It is limited to the existing water and sewer service areas as identified by the CCSA. IES has provided assessments of the current and future conditions that will affect water and sewer infrastructure efficacy and demand. This plan does not forecast potential projects and costs that would arise from the following:

1. Unforeseen growth
2. Expansion of the water and sewer service areas
3. Unexpected failure of infrastructure
4. Effects of accidents or natural disasters on infrastructure or water source

IES has worked with the CCSA to identify Capital Improvement Projects (CIP) that are conservative so as to avoid underestimating the CIP costs. Where possible, IES developed conceptual designs for the CIP projects and estimated their impact on each other to avoid proposing inefficient or impractical projects that could result in excessively overestimated CIP costs.

### **1.2.3 Reference Document and Data**

To prepare this report, IES staff studied the existing conditions of water and sewer systems using the following documents and data.

1. Relevant County plans & reports which can be accessed via the Clarke County website:
  - a. 2022 Comprehensive plan
  - b. 2014 Economic Development Strategic Plan
  - c. 2016 Waterloo Plan
  - d. 2018 Water Resources Plan
2. Hydrogeology and Groundwater Availability in Clarke County, Virginia, USGS, 2010
3. The Design and Construction Standards of the Clarke County Sanitary Authority, in particular:
  - a. Appendix C Estimating Construction Cost
  - b. Appendix E containing the Anderson and Associates report on the water system
4. The 2019-2022 Operations and Maintenance Costs recorded and projected by the CCSA
5. Record documents for major infrastructure including specifications, drawings, sketches, design calculations, and operations & maintenance manuals (in particular)
  - a. Boyce WWTP
  - b. Prospect Spring Water Treatment Plant
  - c. Millwood pressure sewer system
  - d. Millwood Water Tower
  - e. Boyce Water Tower
  - f. White Post water system
  - g. Virginia Ave and Roseville Lift Stations Improvements
  - h. Waterloo Commercial District sewer system
6. Leak Detection Services Project Summary, prepared by Matchpoint, Inc. in 2020
7. Six Sides' General Inspection of the Boyce WWTP Building, by Six Sides BEC, 2021
8. Results of Phase I Hydrogeologic Investigation: Assessment of the Potential Availability of Groundwater Resources Within the Clarke County Study Area, by Emery & Garrett Groundwater Investigations, LLC
9. IES site review and photo-documentation of all major water treatment and distribution and wastewater collection and treatment infrastructure
10. Relevant Geographic Information System (GIS) layers provided by the CCSA and the County (Water and sewer system data sets were updated and corrected by IES where necessary. IES's shapefile versions are available on request. IES has included overview maps of the water and sewer systems as Appendix A and Appendix B.)

11. The memo titled “Waterloo Commercial District Sanitation Availability” provided by the CCSA and included as Appendix G.

## **2. EXISTING WATER SYSTEM CONDITION AND CAPACITY**

The CCSA water supply system currently serves customers within the town of Boyce, the unincorporated town of Millwood, Waterloo Commercial District, and White Post. IES has included a series of maps of the distribution system with the locations of key infrastructure components as Appendix A.

### **2.1. Source Water**

Currently the sole source of water is the Prospect Hill Spring. The 2010 USGS report titled “Hydrogeology and Groundwater Availability in Clarke County, Virginia” documented a decline in Prospect Spring flow with a 2003 low of 1.94 CFS and a 2008 low of 1.16 CFS. Even at this low point, the Spring is flowing at around 750,000 gallons per day, which is over six times the 2021 water production volume. Despite annual and multi-year fluctuations, Prospect Spring is expected to continue to be able to satisfy the CCSA’s potable water demand.

A past attempt to drill a well for a secondary water source was unsuccessful. This attempt resulted in a well that was drilled within about 100 yards of the spring and into the same water-bearing stratum as the Prospect Hill Spring. Drilling this well caused heavy sediment contamination of the spring which cleared when drilling was halted. This well was abandoned and never put into service.

After this unsuccessful attempt to secure a secondary water source, Emery & Garrett Groundwater Investigations, LLC was commissioned to perform a detailed hydrogeological study. The report they produced is titled “Results of Phase I Hydrogeologic Investigation: Assessment of the Potential Availability of Groundwater Resources Within the Clarke County Study Area.” This report identified ten prospective areas for groundwater development. No further work has been undertaken since then and no further work is planned. On CCSA’s instruction, IES has excluded further work on secondary source water from the Master Plan.

### **2.2. Water Treatment Plant**

The source-water spring does not limit water production capacity. IES identified the membrane filtration process as the limiting process for finished water production. Based on IES’s operations records for the membrane units, the average produced water flow rate of the three membrane units is 39 GPM. The units have been recorded to operate up to 23 hours per day. Assuming an average run time of 22 hours per day, the maximum produced water capacity of the treatment plant is limited to around 154,000 GPD.

Salient observations by IES about the water plant are presented below.

1. The pressure pumps function properly and there is an untested spare. It is difficult to service the pumps due to the low ceiling.
2. The Memcor membranes are typically replaced about every 10 years.
3. The auto-dialer and generator (new, propane to avoid fuel contamination) work and are tested regularly.
4. Chemical Clean-in-Place of the membranes is performed using Citric Acid or proprietary “Membrane Restore” solution.

5. Hardness is high at 18-26 grains per gallon (308-444 mg/L); however, no softening is performed. There is a defunct water softener that was intended for the treatment plant only, but has proven unnecessary. There is no evidence of scale formation issues; therefore, there is no plan to add softening in the future.
6. Chemical feed and analyzer systems are mounted to a temporary plywood board near the door and are due to be relocated back into the lab/control room. The equipment is about 2 years old and needs to be relocated back into the lab room with some minor improvements to the lab space.
7. The treatment building vinyl siding is cracking and will need to be replaced soon.
8. Roofing appears to have about 5 years of life remaining.
9. Storage tanks are 5,000-gallon repurposed pressure tanks: one is for pre-filter storage and the other is for chlorine contact. IES has confirmed that this volume provides adequate concentration contact time (CT) for current and future peak hourly flows at a peaking factor of 2.5. Tanks have an exterior insulation coating, so the condition is hard to assess, but no leaks have been observed.
10. The membrane scour compressor functioning but has several deficiencies:
  - a. Under present (power and operating) procedures and conditions, the air system is not adequate to meet membrane filter manufacture’s minimum operating threshold limits.
  - b. Installation is not professional because the compressor enclosure is an old shed of residential quality. The shed is a cramped workspace that retains heat due to poor ventilation. External extension cords provide alternate compressor power.
  - c. The compressors are loud, which may be indicative of a need for maintenance or mechanical stress.
11. The vines are invading spring house/pump building.
12. Electrical power to the treatment facility is not true three-phase. Full three-phase power is available in Millwood. There is some instability in the power supply and the partial three-phase is expected to negatively impact three-phase electric motor life. In addition, the emergency backup power system is not directly compatible with the delivered utility power. The incompatibility of phasing creates a second disruption in the power supply system each time utility power is restored following an outage. Therefore, every power outage results in two power disruptions to the WTP.

### **2.3. Water Storage**

The water distribution system has three water towers for elevated gravity storage.

- Millwood Water Tower
  - Composite Elevated Storage Tank composed of a steel tank on a reinforced concrete pedestal
  - Built in 2012
  - 104,000 gallons (per drawing, confirm volume)
  - Remote read water level
  - 28 ft diameter, 24 ft height
- Boyce Water Tower

- Composite Elevated Storage Tank composed of a steel tank on a reinforced concrete pedestal
- Built in 2006
- 150,000 gallons nominal volume according to drawings
- Remote read water level
- Bats and birds roosting in the tower create a hygiene and nuisance problem. Past efforts to resolve this issue have not been entirely successful.
- Interior lighting non-functional at the time of IES's inspection
- White Post Water Tower
  - Steel, Multi-Column Elevated Storage Tank
  - 50,000-60,000 gallons storage volume
  - Built in 1994 using a second-hand tank, which may be older
  - The control shack deteriorated and wasp infested
  - Tank internal coating composite material is undetermined. There is a need to determine condition and chemical content of the fresh water exposure surface.
  - Tank replacement is in the planning process.

#### **2.4. Booster Pump Stations**

The system has two booster pump stations which both serve to increase water flow and pressure for the White Post community. These two pump stations are located adjacent to each other at the same point in the water main approximately halfway between Boyce and the Waterloo Commercial District.

- The first of these pump stations supplies water for daily use in the White Post area.
- The other booster pump station is a high volume system intended to provide supplementary firefighting flow to White Post. The firefighting pump station pumps are regularly tested but have minimal accumulated operating hours.

#### **2.5. Distribution Piping and Laterals**

Overview maps of the best available information on the routing and diameter of the CCSA's distribution piping network are included in Appendix A. There are approximately 90,400 LF of main piping in the CCSA network. IES's assessment of the condition of the distribution piping was limited, but records indicate that all or most of the piping is C900 PVC or other pressure-rated PVC pipe types.

Gasketed, bell-end C900 PVC water mains and the associated compatible restrained fittings and valves are susceptible to leaks due to the following.

1. Pipe movement due to subsidence or other soil movement caused by improper bedding or backfill, soil transport due to existing leakage, heavy vehicle traffic, groundwater, or nearby excavation
2. Pipe movement due to inadequate thrust block provisions or installations
3. Improper pipe or fitting joining leading to mechanical restraint failure or gasket failure
4. Gasket material deterioration
5. Pipe or fitting failure due to material degradation, improper bedding, and/or excessive vertical loading

There is a substantial amount of leakage as evidenced by the discrepancy between the volume of finished water produced and the total volume of water billed for a given period. Systems losses are likely primarily due to leaks in the distribution piping.

One major leak has been identified and repaired in the water line between the Prospect Spring Water plant and the Town of Boyce. This pipe is suspected to be susceptible to leaks due to poor installation/bedding. IES has installed water meters to monitor this section of water main for leaks.

The water main to White Post from the Waterloo Commercial District is a long run with regular air release valves at the high points. These valves are a maintenance & testing item.

Lateral piping downstream of the individual service flow meters are the responsibility of property owners. The water meters for individual properties were all replaced in 2019 with FlowIQ 2100-series remote-read type meters. The meters are expected to have a 20 year lifespan.

### **3. EXISTING WASTEWATER SYSTEM CONDITION AND CAPACITY**

The CCSA’s wastewater collection system is limited to properties within the Exclusive Sewer Service District (ESSD). There are approximately 416 customers connected to the system (based on the service flow meter inventory). Any new connections are limited to within the ESSD.

#### **3.1. Collection System**

The collection system area is confined to the Exclusive Sewer Service District (ESSD) defined by Clarke County. There are no plans to expand this service area in the future. Appendix B includes maps depicting the collection piping network, the extent of the ESSD, and the locations of important infrastructure.

The collection system consists of a mix of gravity sewer and pressure sewer with five pump stations and a distributed grinder pump system in Millwood. There are two privately owned and operated grinder pumps located in the town of Boyce. All, or most collection piping, is SDR35 PVC. Wastewater flow increases during rainfall due to inflow and infiltration.

There are five major pump stations, approximately 26,500 LF of forcemain, and approximately 26,700 LF of gravity sewer piping in the CCSA collection system. The current disposition of the major elements of the collection system is detailed below.

##### **3.1.1. Virginia Ave. Lift Station**

All of the sewage collected in the CCSA’s system is pumped to the Treatment Plan via the Virginia Avenue Lift Station which receives collected wastewater via a gravity sewer into which the other sewer lift/pump stations also discharge. The lift station was originally designed and built in around 1992. Renovations were performed in 2006 to add a new pumping system.

The primary features of this lift station are:

1. Influent manhole
2. Three 15 HP suction vortex pumps are located in an enclosure located above the wet-well. Two of the pumps typically operate in series with the third held in reserve.
3. Wet well is a 6-ft internal diameter, 11-ft deep precast concrete wet-well which is in adequate condition. The lowest gravity inlet invert is 4 ft above the sump. The operating depth between the pump off level and the high water alarm is 2.8 ft. The typical operating range between the pump off and lead pump on floats is 1.3 ft (275 gallons).
4. Operational auto-dialer
5. Regularly tested automatic backup generator
6. Control panel

The suction lift pumps require frequent de-ragging, bearing greasing, drive belt replacement, check valves unclogged, wear plates replaced, and manual priming. All 3 pumps are currently operational, but there have been instances where one of the pumps is down for significant periods of time. Pump 1 was recently rebuilt. Pump 2 was rebuilt 1.5 years ago. Pump 3 needs rebuilding. The pumps are belt-driven.

Deficiencies include the following:



1. The air release valve often clogs with solids.
2. The wet-well has less than optimal working volume.
  - a. As a result, pump clog can quickly lead to backups in the sewer and there have been overflows occasionally.
  - b. Furthermore, with a 275 gallon working volume, the number of pump-starts with an average estimated influent flow is 12 per hour. At peak influent flows this may increase to up to 50 per hour. This number far exceeds the typical maximum number of 10.7 starts per hour for a 15 HP 4-pole motor (Ref. #).
3. The pumps and swing check valves often clog with rags.

### **3.1.2. Roseville Lift Station**

The Roseville Lift Station receives sewage by gravity from the west side of Boyce (including the elementary school) and also receives sewage from the Waterloo Commercial District via a pressure sewer main. This lift station discharges into the gravity sewer located at the end of Saratoga Avenue. The lift station was originally designed and built in around 1992. Renovations were performed in 2006 to add a new pumping system.

The primary features of this lift station are:

1. Influent manhole
2. Duplex 10 HP suction vortex pumps located in an enclosure (same pumps as Virginia Ave Lift Station)
3. An 8-ft internal diameter, 13-ft deep precast concrete wet-well in decent condition. The lowest gravity inlet invert is 2.5 ft above the sump. The operating depth between the pump off level and the high-water alarm is 2.2 ft. The typical operating depth is 1.2 ft (450 gallons).
4. Operational auto-dialer
5. Regularly tested automatic backup generator
6. Control panel

Deficiencies are as follows:

1. Manhole cover and frame is heavily corroded and is difficult to remove.
2. The collection area feeding into this lift station has been known to have inflow and infiltration issues in the past and should be monitored for recurrence.
3. Heavy accumulations of solids in wet-well lead to regular maintenance problems.
4. With a 450 gallon working volume, the number of pump-starts at average estimated influent flow is 3-4 per hour. At peak influent flows, this may increase to up to 14 per hour. Therefore, under peak influent flows, the pumps exceed the typical maximum number of 12.5 starts per hour for a 10 HP 4-pole motor (see Appendix G).

### **3.1.3. Millwood Pressure Sewer System**

The Millwood neighborhood to the east of Boyce is served entirely by a pressure sewer system. Each property has either a dedicated grinder pump station or shares a grinder pump station with a neighbor.

The system has the following features:

- There are a total of 42 grinder pump stations.

- Most of the grinder pump stations are newer Liberty Pumps packaged stations. Of these, a few stations have duplexed pumps. The newest of these pump stations is about 1 year old.
- Of the 42 stations, 19 are shared between two properties.
- The remaining 23 stations serve single properties.
- About 10 of the stations are the original Barnes pump stations (installed in 2003). These are in serviceable condition and are slated to be replaced with Liberty Pumps stations when they fail.
- The Pressure sewer follows Millwood Rd / E. Main St (VA723). The first leg is 2” diameter pipe and the second leg is 3” diameter pipe. The 3” pressure sewer discharges into a gravity sewer manhole to then flow towards the Virginia Ave. Lift Station.

There are no backup generators other than those that might be provided by individual owners. The largest sewage generator is the Powhatan School which is served by a duplex grinder pump station.

Occasional clogs have occurred in the 3” section of the forcemain.

The other deficiency is the occasional failure of the remaining Barnes pump stations that is caused by the in location of J-boxes inside of the pump basin. If the pump clogs and the station floods, the junction box will also be flooded, resulting in shorts and wire corrosion.

#### **3.1.4. Waterloo Commercial District Pressure Sewer**

The Waterloo Commercial District (the intersection of US Route 50 and US Route 340) sewer is currently served by three sewage pump stations which collect sewage from primarily commercial properties. The principal contributors to wastewater in this area are the Sheetz convenience store, the Handy Mart convenience store, and the McDonald’s fast-food restaurant. The western corner of the area is within the sewer area, but not developed or connected to sewer yet. IES assumes that the pump station and pressure sewer pipe for this area will be financed by any future developer.

##### **3.1.4.1. *Sheetz Pump Station***

The Sheetz Pump station (located on Tax Map # 20 A 36A) pumps all of the sewage out of the Waterloo Commercial District. It receives sewage by gravity from the Sheetz convenience store and collects sewage from the other two feeder pump stations: the McDonald’s Pump Station and the Handy Mart Pump Station.

The lift station has the following features:

1. An approximately 6,700 linear-foot 4” PVC forcemain to the Roseville Lift Station.
2. A 6-ft internal diameter, 12-ft deep wet-well in adequate condition.
3. An automatic backup generator regularly tested.
4. The station previously utilized duplex end-suction pumps.
5. Level control using four float switches.
6. Not heavily used and likely oversized for current load.
7. Original pumps and controls replaced with duplex Liberty Pumps 2HP grinder pumps.

Remaining deficiencies include:

1. The auto-dialer is non-functioning; a replacement is needed.
2. The hatch is bent/damaged.
3. The controls work but are quite old.
4. At times there is a heavy load of solids/grease that has to be actively managed to prevent accumulation.

### **3.1.4.2. Handy Mart Pump Station**

The Handy Mart (located on Tax Map # 28 A 20F) station receives sewage by gravity from a gas-station convenience store and associated retail. This pump station is reliable, and all components are in good condition. The influent manhole and pump valve vault are also in great condition. This pump station is sized adequately for future development plans in this southern corner of the Waterloo Commercial District.

The Pump Station has the following features:

1. 2” pressure sewer to the Sheetz Lift station
2. Duplex grinder pumps
3. Valve vault

The only deficiency noted is that the auto-dialer does not work for lack of connectivity.

### **3.1.4.3. McDonald’s Pump Station**

The McDonald’s Pump Station (located on Tax Map # 29 A 2A) serves to pump sewage from the northwest corner of the Waterloo Commercial District to the Sheetz Lift Station. It ties into the pressure sewer from the Handy Mart Pump Station prior to discharge.

The features of this pump station are as follows:

1. Duplex grinder pumps
2. 42-inch internal diameter fiberglass reinforced polymer (FRP) wet-well in excellent condition.
3. 2” pressure sewer to the Sheetz Lift Station
4. Functional auto-dialer

Deficiencies include:

1. Accumulation of floating plastic trash
2. Exposed controls and electronics decaying from UV exposure.
3. The lid of the pump station is difficult to remove and secure which leads to the operator seldom servicing the station to remove trash and verify pump operation.

## **3.2. Wastewater Treatment Plant**

The existing wastewater treatment plant receives influent from the Virginia Avenue lift station. The treatment process includes primary screening, and two biological treatment trains followed by two membrane bioreactor (MBR) trains for secondary treatment. The biological treatment trains were adapted from an earlier activated sludge treatment plant. The design capacities of the system and its various subsystems are outlined below in Table #. These capacities are based on

2010 Design Manual by Chester Engineers where possible and estimated by IES where no capacity rating was specified.

**Table #: Rated Capacities of WWTP System and Subsystems**

<b>System</b>	<b>Average daily flow (GPD)</b>	<b>Peak Flow (GPD)</b>
Overall WWTP rated capacity	105,000	140,000 (b)
Rotary drum primary screen	105,000	140,000 (a)
Biological Treatment	105,000 (b)	140,000 (b)
Membrane Bioreactor membranes	100,000	190,000
UV Disinfection	200,000	N/A
Post-Aeration	~400,000 (IES estimate)	N/A

- (a) According to the Chester Engineers Design Manual, the rotary-drum screen has a manufacturer-rate hydraulic capacity of 360,000 GPD.
- (b) Based on operational experience, IES believes that the biological treatment process would struggle to perform adequately at peak flows. It is likely that the actual average capacity of the treatment system is around 80,000 GPD with a peak capacity of around 107,000 GPD.

The components of the treatment process are detailed in the subsequent sections.

**3.2.1. Influent Drum Screen**

Primary screening is accomplished using a 2mm perforated plate drum screen which is designed for an average flow of 105,000 GPD and a maximum flow of 140,000 GPD. The rated maximum hydraulic capacity per the manufacturer is 360,000 GPD.

Operational issues are as follows:

1. The screen requires manual cleaning whenever the booster pump fails. There is no redundancy.
2. Old hoses and fittings on the automatic screen sprayer are leaking and causing severe corrosion of the grating on which the drum screen sits.
3. The enclosure/cover for the drum screen assembly is missing and the intended ventilation system is not running. This is a potential health hazard for the operator and contributes to moisture and corrosion problems in the building.
4. About one 30 gallon trash can of screenings is collected every 1-2 days.

**3.2.2. Primary Holding Tank**

A surge tank receives screened influent from the primary screen directly above it.

1. Steel coated (last recoated ~5 years ago) internal condition is fair.
2. Some trash is present in this tank, and it occasionally washes out and gets stuck in downstream butterfly valves. It is unclear how this trash entered the tank in spite of the primary screen.
3. This closed-top tank has a dedicated ventilation system.

### **3.2.3. Flow Equalization**

Flow equalization (FEQ) and emergency storage are indispensable to this treatment system. Flow equalization is vital to process stability and in preventing overflows.

Observations about the system’s deficiencies from IES’s site visit and discussions with the operator are as follows:

1. Both FEQ grinder pumps are down, and a single temporary grinder pump is running in their place. One of the replacement pumps was defective from the manufacturer and the other was 7 years old when it failed and has been sent out to be rebuilt. A spare is needed.
2. The controls for the FEQ are problematic because the pumps continue to run even when the bioreactors are full. When the bioreactors are full, their respective air-operated butterfly valves close, resulting in the FEQ pumps deadheading. A blow-off has been added as a temporary solution to the deadheading issue. The FEQ pumps are only operated by the level in the FEQ tank, therefore they always run as long as the level is high enough. Continuous or long pump run times result in unnecessary wear on the pumps.
3. The butterfly valves that control flow into biological treatment trains are prone to clogging with trash from the first holding tank.
4. There have been occasions where the FEQ tank has overflowed due to valve clogs and peak influent flow. Overflow is directed to the gravity sewer which drains back to the Virginia Ave. Lift Station. This can lead to the wet-well becoming overfull.
5. About once a month, flow has to be redirected to the sludge holding tank for temporary storage because the FEQ is full. This can lead to biological treatment overloading due to remobilization of the nutrients from the digester when the digester contents are drawn down.
6. FEQ aeration causes increased TP mobilization and higher Pre-Anoxic Dissolved Oxygen, so this is rarely enabled.
7. The FEQ propeller mixer was inoperable at the time of IES’s inspection.
8. Some corrosion on the steel tank is present. Coating is recommended within 2-3 years.

### **3.2.4. Bioreactor Trains**

The two biological treatment trains were modified from the original activated sludge process, and each consist of a Pre-Anoxic compartment, an Aerobic compartment, and a Post-Anoxic Compartment.

Observations about the system from IES’s site visit and discussions with the operator are as follows:

1. Pre-anoxic Dissolved Oxygen (DO) concentration is within normal range—typically 0.09-0.14 mg/L.
2. Pre-anoxic mixers are subject to occasional failure, but adequate mixing can be temporarily achieved using the nitrate process recycle flow.
3. The aerobic reactor DO concentration is typically 0.35 mg/L. This is less than typical for an activated sludge system, but it is functionally adequate for treatment for this system due to the further treatment provided by the MBR.
4. Total Phosphorous (TP) removal using Ferric Chloride is typically effective but requires more intensive operator supervision. The process can be overloaded by TP in the recycle from the sludge dewatering system.

5. Post-Anoxic reactors for both trains have a thick layer of floating solids throughout the summer despite both mixers reportedly working.
6. The transfer pumps for forward flow to MBR units have been known to overload or fail and are a potential point of failure.
7. The actual biological treatment capacity is likely limited by nitrogen and phosphorus removal to a average daily flow of around 40,000 GPD per train, or 80,000 GPD total.

### **3.2.5. Membrane Bioreactor**

This is a two-train process with each train having an approximate average throughput of 50,000 GPD at an average daily flux of 4.3 GPD/ft<sup>2</sup>. The membranes are GE ZeeWeed 500D hollow-tube submerged type. The maximum daily flux of 8.2 GPD/ft<sup>2</sup> allows each train to process up to 95,000 GPD. The membrane support frames currently have only 50% of their maximum membrane area installed. The peak hourly design flux is limited to 13.1 GPD/ft<sup>2</sup> or 105 GPM. The permeate pumps are rated for 435 GPM and are operated on VFDs to produce water at the desired rate and limit the TMP. Currently the maintenance and recovery Clean-In-Place systems are not working as intended. Back-pulse cycles occur every 6 minutes and last for 30 seconds at 110GPM. The permeate pumps typically run at 30-35 GPM forward flow.

Some observations about the system from IES's site visit and discussions with the operator are as follows:

1. Manual citric acid Clean-in-Place (CIP) is typically performed. Citric acid solution is dosed directly into the MBR tanks. The automatic CIP system is not working due to complex and unmaintained chemical feed systems.
2. MBR tanks are open top. Floated sludge coats the freeboard of the tanks.
3. Permeate pump #1 failed after 12 years and was replaced this year.
4. Permeate Pump #2 is due to be overhauled as it is 10 years old.
5. Permeate pump skid has leaking valves.
6. Some fittings on the permeate pump skid are leaking, causing corrosion of the steel skid.
7. The turbidimeter is not calibrated or used and the particular model is no longer supported by the manufacturer and cannot be maintained. This item is not needed and can be eliminated.
8. Alarms on permeate skid do not make sense to operators and not all sensors work.
9. Non-potable water reuse is only for within the WWTP.
10. Gantry crane is operational and used 1-2 times per year to clean the membranes manually. Operations could be greatly improved by adding an extension the gantry and a washdown area.

### **3.2.6. Disinfection**

Ultraviolet (UV) disinfection of the effluent is accomplished using two Trojan 3000PTP units in series with a total of 12 UV lamps. The full quantity of bulbs is capable of providing 50,000 m/cm<sup>2</sup> at 200,000 gpd and 65% UVT, and 80% UVI.

Observations about this subsystem are as follows:

1. The UV intensity monitors are not working.

2. Two bulbs were out at the time of the on-site evaluation for this report, but replacements were on hand and ready to be installed.
3. Bacteriological analyses are performed twice weekly.
4. There is no real-time monitoring of UV dose. This would require real-time flow measurements from the permeate pumping skid, working UV intensity monitoring, and UV transmittance monitoring. Because a minimum UV dose is required by Virginia regulations, it would be prudent to implement real-time dose monitoring if the required sensor were made operational.

### **3.2.7. Post-aeration**

The post-aeration system is operational with no reported issues. The Design Manual by Chester Engineers does not appear to list the capacity for the post-aeration system. However, based on the rated air supply of 107 SCFM and the use of fine bubble diffusers, IES estimates that the aeration capacity exceeds minimum requirements by at least a factor of 4.

### **3.2.8. Sludge Digester and Sludge Press**

The sludge digester is a rectangular steel aeration tank. To minimize the return of Total Phosphorus the decant system is rarely used.

The sludge press is effective and in good condition. It is controlled independently of the treatment plant and is run manually by the operator on an as needed basis. The liquid fraction is returned to the process via the sewer, which aids in dilution and equalization of the nutrients.

### **3.2.9. Old Clarifiers**

Each of the biological treatment trains has a two-stage secondary clarifier that is a leftover from the system's activated sludge days. These compartments are not currently in use and are left dry.

### **3.2.10. Building and Control/Lab Room**

The entire treatment system is housed in building with 6 areas:

1. The lab room, which contains records, lab equipment, and the operator interface for the SCADA system, is part of the original WWTP building.
2. The influent screenings and other mechanical rooms are also part of the original WWTP building.
3. The original treatment plant room contains the primary screen, flow equalization tank, biological treatment trains, and the sludge digester.
4. The newer MBR process room, which also contains the UV disinfection and post-aeration systems, was added for the MBR process and is in good shape.
5. The sludge press room is part of the original WWTP building.

Issue noted are as follows:

1. The central air conditioning system for the lab room is not operational. A window unit is working.
2. The old treatment plant room needs roof and ventilation repairs. The large roof ventilation fans do not work which can result in build-up of moisture contributing to the corrosion of the steel structure. There is not enough negative pressure on the treatment room to prevent odor intrusion into the lab room.
3. The roof of the original WWTP building needs recoating.

4. Some of the interior insulation has become damaged.
5. The door to the drum screenings collection room is damaged and will not close.

### **3.2.11. Controls**

The programmable logic controller (PLC) panels contain a mix of GE and Allen Bradley obsolete components for which it is difficult to find replacement parts. The controls system needs to be overhauled before spares for critical components are no longer available.

## **4. PROJECTED DEMAND, LOADING, AND INFRASTRUCTURE**

The CCSA’s service area has experienced modest population growth over the last 20 years. For the purposes of this study IES has assumed that this trend will continue for the 25 year study period. This section describes IES’s analysis of the projected water and sewer capacity demands. IES has developed concept designs for Capital Improvement Projects (CIP) intended to accommodate increases in water demand or sewer flow and loading. Some of the CIP projects are aimed at maintaining existing infrastructure to ensure that all systems are functional and reliable even under increased capacity demand. IES referenced the Design and Construction Standards of Clarke County where applicable. Any new infrastructure should be built according to these standards.

### **4.1. CCSA Growth Overview**

The Clarke County Comprehensive Plan adopted in 2022 and the 2014 Economic Development Strategic Plan describe the following areas of potential growth that are within with the CCSA’s current service area:

- Boyce
- Millwood
- Waterloo Commercial District – See Waterloo Area Plan from 2016
- White Post

The Double Tollgate area, which is not within the current service area but is nearby, was excluded from this study per CCSA’s direction.

Between 1980 and 2010, Boyce has seen uneven growth averaging at approximately 1.6% per year. For the purposes of this study, this long-term growth rate was assumed to be applicable to the entire time range.

To fully assess the potential for commercial and residential growth within the sewer and water service areas, IES utilized a Geographical Information System (GIS) to estimate the potential number of additional Equivalent Residential Units that could be added over the study period.

IES examined the potential maximum growth within the Exclusive Sewer Service Area and the existing water service area.

### **4.2. Water**

#### **4.2.1. Projected Water Demand**

IES analyzed records of produced water volume and billed (metered) water volume to determine a baseline potable water demand. IES extrapolated future demand by assuming a conservative 1.6% steady growth rate for water usage over the next 25 years. The results of IES’s projects are presented in Table C-1 of Appendix C.



IES also reviewed the 2015 Clarke County Water System Hydraulic Analysis performed by Anderson and Associates (Appendix E of the Design and Construction Standards of the Clarke County Sanitary Authority). This analysis contained several omissions and errors which may have impacted the water system analysis. There are two critical metrics for assessing available water supply: minimum service pressure and available fire flow. The minimum pressure required for service is 20 psi. The minimum fire flow metric used in the Anderson and Associates study was the provision of 500 GPM for 2 hours at a fire hydrant.

IES believes Anderson and Associates' model is valid for the critical areas despite some inconsistencies in pipe diameters and routing between their network map and the available record drawings. Their models examined 2014 flows and projected flow during steady-state conditions over 2 hours at twice average daily demand. Their report identified the following deficiencies in the water distribution network:

1. The fire hydrant at the end of Virginia Avenue near the Lift Station (FH-2) was predicted to have less than 500 GPM available.
2. The fire hydrants FH-12 and FH-13 along S Greenway Ave were predicted to flow at less than 500 GPM with the White Post fire booster pump running.
3. Extended use of the hydrants at 300 Carter Hall Ln (Tax Map #30 A 15) may cause pressure in the Millwood area to fall below 20 psi.

#### **4.2.2. Recommended Future Water Distribution Infrastructure**

Recommended new water supply pipes and laterals fall into the following categories:

1. New water mains:
  - a. IES has assumed that any new water mains for new developments will be funded and constructed by the developer.
  - b. Recommend adding a new 6" main connecting the main from end of Virginia Ave to the main on N Greenway Ave. This would increase the fire suppression flow available to the end of N Greenway Ave. and increase redundancy in case of repair work along either section.
2. Enlarged water mains:
  - a. Upsize the 1150 LF of existing 4" main along Virginia Ave to a 6" main. This was recommended in 2015 by an Anderson and Associates Report.
  - b. Upsize to 8" pipe, the 2300 LF of existing 6" main from the intersection of Church Ln and S Greenway Ave to the nearest 8" piping along Old Waterloo Rd. This was recommended in 2015 by an Anderson and Associates Report.
  - c. Upsize 1045 LF of 2" water main paralleling Browntown Rd between Prospect Spring Ln and the fire hydrant to 6" pipe to provide adequate fire flow.
  - d. Upsize approximately 360 LF of 2" water main along Howards Ln between E. Main St. and the fire hydrant to 6" pipe to provide adequate fire flow.
3. Repaired water mains:

To address recurring leaks, replace approximately 1700 LF of 6" water main between the water treatment plant and Old Chapel Road. IES believes that the high incidence of leaks on this section is due to shallow bedrock and improper pipe bedding. Fusible C900 PVC pipe should be strongly considered as it may be less prone to developing leaks in pipe joints.

4. Replacement laterals:

IES has assumed that any new laterals for new developments will be funded and constructed by the developer.

#### **4.2.3. Water Treatment Plant Upgrades**

IES examined the production capacity of the water treatment plant. Based on past observations of water level and flow, the Prospect Hill Spring is not the limiting factor in finished water production. Rather, the membrane filtration process limits the throughput of the water treatment plant.

IES examined operational records for the 2021-2022 for the membrane filtration units to determine that the average combined production rate is 39 GPM for the three membrane units. They are assumed to operate for up to 22 hours per day. Based on these limits, the daily maximum production is approximately 154,000 GPD. A summary of IES's analysis of the membrane capacity calculations is included in Table C-2 of Appendix C.

If future demand and system loss predictions detailed in Section 4.3.1 are accurate, the water treatment system will need to be expanded to meet further demands over the system's ~20-year lifetime with a safety margin included. In this report we examine the worst-case scenario, where system losses remain at around 30%. In this case, the treatment capacity of the system should be increased to 260 GPM, or about 2.2 times that of the current treatment system. It is likely that by the time it is necessary for a capacity increase, the existing water treatment plant will need to be substantially refurbished or replaced due to aging, too-small structures, obsolete components, and a desire for more maintenance-friendly facilities.

#### **4.2.4. Developing a Secondary Source Water**

While the Prospect Hill Spring appears to be very reliable, there is a risk that drought or contamination could impact the CCSA's only water supply.

A secondary water source would require drilling one or more wells to access a deeper water-bearing stratum that is not hydraulically connected to the existing spring or at least not exclusively dependent on it for flow. Ideally, secondary water wells would not be under the direct influence of surface water (non-GUDI). Water would likely need to be piped back to the Prospect Hill Treatment system for treatment and distribution and may only need to be used on an as-needed basis.

Past attempts to develop a secondary water source have been unsuccessful and expensive. At the time of writing, CCSA instructed IES to exclude further effort to develop a Secondary Water Source from this Master Plan.

### **4.3. Wastewater**

#### **4.3.1. Current Collection System Loading**

IES identified 11 critical points within the collection system where sewer flows may near or exceed the practical capacity of the sewer pipe. Gravity sewer pipes with a diameter of 8" or less are typically considered to be at capacity when they are 50% full. Gravity sewer pipes with a diameter of 10" or more are typically considered to be at capacity when they are 75% full. The locations of the 11 choke points in the existing collection system are shown in Appendix B, Figure B-1. The table of calculated sewer flows and safety factors for these critical nodes is presented in Appendix D, Table D-1.

#### **4.3.2. Projected Collection System Loading**

In order to project sewer flow, IES computed the maximum recorded wastewater flow for 2021-2022 to be 83,500 GPD. Next, IES estimated the number of equivalent residential connections (ERCs) to the sewer system based on the CCSA's data to be 461. IES determined that the flow per ERC is around 181 GPD. IES then used GIS to estimate the possible number of future connections to the sewer system, assuming the development of lots, some subdivision of larger lots, and some densification. Based on the 704 projected number of future ERCs, IES estimated that the peak influent flow will increase to 127,500 GPD by 2048. The wastewater characteristics are not expected to change significantly.

IES evaluated the projected 2048 sewage flows at the same 11 critical points identified in the previous section for two scenarios:

1. Future sewage flow with the current collection system configuration
2. Future sewage flow with a modified collection system configuration

The projected flows at the critical nodes for these scenarios are presented in Appendix D, Table D-2, and Table D-3. Based on projected future peak flows, the current sewer system will become hydraulically overloaded starting with the Roseville Lift Station. The Roseville Lift Station can be upgraded to increase capacity. However, Roseville Lift Station pumps into the gravity sewer that conveys sewage to the Virginia Ave Lift Station. This entire run of sewer main (from Node 4 to Node 1) is projected to have a safety factor less than 1. Upgrading the gravity sanitary sewer would be costly and invasive.

#### **4.3.3. Boyce Area Collection: Future Infrastructure**

Near-term collection system improvement projects should include the following:

- Improvements to the reliability and preventative maintenance for the Virginia Ave. Lift Station and the Roseville Lift Station
- Manhole refurbishment to address manhole concrete and cover corrosion and potential stormwater infiltration
- Additional manholes risers for certain locations to prevent stormwater inflow

In order to accommodate long-term growth, the improvements will be as follows:

- The Roseville Lift Station improvements:
  - The pumping system will be upgraded to more reliable and maintainable pumps. A new pumping system is recommended.
  - In order to reduce the need for expanding the capacity of the Virginia Ave Lift Station, the 4" forcemain should be re-routed to discharge directly into the Wastewater Treatment Plant.
- The Virginia Ave Lift Station improvements:
  - The pumping system will be upgraded to more reliable and maintainable pumps. A new pumping system with approximately 15 HP pumps and requisite controls guide rails, base elbows, and sensors.
  - The wet-well capacity is currently marginal, especially when the Flow Equalization tank overflows back into the gravity sewer. Therefore, two prerequisites of this project are the Roseville forcemain rerouting and addition of Flow Equalization / Emergency Storage volume at the WWTP.

#### **4.3.4. Millwood Area Collection: Future Infrastructure**

Some additional properties may be subdivided and or developed, requiring the addition of new grinder pump stations and lateral connections. Per the CCSA Rules & Regulations, installation cost is the responsibility of the property owner. Any new lateral taps must be carried at the cost of the builder, owner, or investors.

If the owners of any properties that generate heavy grease loading are unable or refuse to implement solutions to effectively reduce loading; CCSA will take appropriate action within regulatory rules to assure compliance. Grease management is not included in the CIP items.

#### **4.3.5. Waterloo Commercial District Collection: Future Infrastructure**

In the near term, without new development, improvements are recommended for reliability and operability purposes including the following.

- Duplex pumps, new controls, and auto-dialer for the Sheetz Lift Station
- Auto-dialer connectivity for the Handy Mart pump station
- McDonald’s pump station control shelter and improved access hatch

In the long term, new development will require a number of upgrades to accommodate the increased sewer load.

- The Sheetz Lift Station will need to be upgraded to a triplex configuration with 2HP pumps. This will provide a better degree of efficiency and redundancy over a larger duplex pump system.
- A new lift station would be required for the NW corner of the Commercial District. The CCSA has indicated that this cost would be covered by the developer.

#### **4.3.6. Wastewater Treatment Plant**

##### ***4.3.6.1. Projected Flow and Loading***

Based on recorded data for 2021-2022

- the maximum recorded wastewater flow was 83,500 GPD
- the average recorded wastewater flow was 57,900 GPD

Using the methodology described in section 4.3.2, IES has estimated that by 2048

- the peak influent flow will increase to approximately 127,500 GPD
- the average influent wastewater flow will be approximately 89,500 GPD

The wastewater constituent strength and characteristics are not expected to change significantly in the future.

##### ***4.3.6.2. Recommended Future Infrastructure***

For the first 15 years of the 25 years study period, IES projects that the current WWTP capacity will be adequate; therefore, the focus for the next 15 years should be on improving system reliability, efficiency, operability, and longevity. The recommended improvements are as follows:

- Primary screening overhaul and access and ventilation improvements
- Flow equalization and emergency storage volume increases
- Building structure and roof repairs and maintenance and ventilation improvements

- Regular recoating of the steel treatment process tanks
- Improvements to the operability of the automatic membrane CIP system
- Improvements and repairs to the permeate pumping skid
- Overhauling of outdated WWTP controls components
- MBR Membrane replacement with performance improvements, if available

IES estimates that if growth continues at an average of 1.6% per year, the treatment capacity of the system will need to be improved in around 2038, 15 years from the date of this study. The two biological treatment trains are rated for a combined average daily flow (ADF) of 105,000 GPD, but IES believes that that true capacity is closer to 80,000 GPD. Therefore, based on projected flow, the system will reach 90% capacity by around 2035. At this time, work will need to commence on the process of adding additional biological treatment capacity. This could be accomplished with a variety of methods including:

- Conversion of the existing sludge digester and disused secondary clarifiers into treatment tanks and the installation of a new sludge digester tank outside of the building or in an annex
- Installation of a new parallel treatment train outside of the building or in an annex
- Increasing the depth, and consequently the volume, of the treatment trains by welding extensions to the tank walls

At this time, it is difficult to say which approach will be best, or if another approach will be found; however, for this CIP budget, IES has assumed that a new parallel treatment train in an annex to the existing building would be added. This new treatment train is assumed to be designed for an ADF of 60,000 gpd, thus bringing the total ADF capacity to around 140,000 GPD. This would provide the system with additional capacity for further growth and redundancy.

## **5. CAPITAL IMPROVEMENT PLAN**

The projected Capital Improvement Plan (CIP) items for the Water Systems and Wastewater Systems for the next 25 years are described in the following sections.

### **5.1. Water Systems**

This section describes the CIP projects for the Water systems. Refer to Appendix E for a table summarizing the estimated costs, timing, and inflation adjusted total cost.

#### **5.1.1. Analyzer system corrections**

The analyzer systems are currently mounted to a temporary plywood board near the door to the treatment building. The analyzers, valves, and plumbing will need to be relocated back into the lab room where they were originally located. This will require plumbing and electrical work. This cost has been estimated by IES.

#### **5.1.2. Membrane Filtration (Memcor) Module Replacement**

The membrane filtration system filters are estimated to have a 10-year lifespan. This may be extended somewhat as long as produced water quality and trans-membrane pressures are within acceptable ranges. However, a few of the filtration modules have already failed and need to be replaced. The system can operate at a slightly reduced capacity for a while. It is typical to replace all of the membrane cartridges at the same time; therefore, it is expected that all of the modules will be replaced by 2025.

#### **5.1.3. WTP Building Renovations**

The WTP building will need new roofing and siding. The existing vinyl siding has begun to crack from UV exposure. The existing roofing is asphalt shingle, which needs to be replaced approximately every 20-25 years. Trim and other wood and brick surfaces will also need to be repainted. The three treatment plant structures have an estimated combined roof area of 2,000 ft<sup>2</sup>. The total vinyl siding area that will need repair is approximately 1,000 ft<sup>2</sup>.

#### **5.1.4. New Main Flow Meters and Leak Abatement**

To gather data for mitigating the loss of finished water in the system, district metering is recommended. IES has identified 2 other critical locations that would allow for monitoring losses. One 8” flow meter should be installed after the junction with the Roseville Downs water main to monitor the flow to the Waterloo Commercial District and White Post. Another 8” flow meter should be installed on the 8” main between Millwood and Boyce near the intersection of East Main Street and Grand Oaks Drive. There is already a meter on the 6” water main between the Prospect Spring plant and Boyce. The flow meters should have the following features: bi-directional read, insertion-type, electromagnetic-type, removable under pressure, with logging, totalizing, and remote-read capabilities.

To repair sections of water main know to be leaking, approximately 1700 LF of 6” water main should also be replaced to address frequently recurring leaks in a section of the pipe between the water treatment plant and Old Chapel Road. IES believes that the high incidence of leaks on this section is due to shallow bedrock and improper pipe bedding. Fusible C900 PVC pipe should be strongly considered as it may be less prone to developing leaks in pipe joints.

#### **5.1.5. Upsized Water Main on Virginia Ave. & New Connection to N. Greenway Ave.**

This project should include two components:

1. Upsizing the existing 4” main along Virginia Ave with a 6” main using approximately 1150 LF of 6” C900 PVC pipe was recommended in 2015 by an Anderson and Associates Report which also included a cost estimate of approximately \$148,000 (adjusting to 2023 for inflation after factoring in a share of design and construction administration costs for a multi-part project).
2. Adding a new 6” main connecting the main from end of Virginia Ave to the main on N. Greenway Ave. would require approximately 340 LF of 6” C900 PVC pipe.

**5.1.6. Upsized Water Main Along South Greenway Ave.**

This project would see the existing 6” main from the intersection of Church Ln. and S. Greenway Ave to the nearest 8” piping along Old Waterloo Rd upsized to an 8” main. Approximately 2300 LF of 8” C900 PVC pipe would be required. This was recommended in 2015 by an Anderson and Associates Report which also included a cost estimate of approximately \$227,000 (adjusting to 2023 for inflation after factoring in a share of design and construction administration costs for a multi-part project).

**5.1.7. Upsized Water Main Branching from Prospect Spring Ln.**

Upsizing approximately 1045 LF of 2” water main paralleling Browntown Rd between Prospect Spring Ln. and the fire hydrant with 6” C900 PVC pipe would provide adequate fire flow.

**5.1.8. Upsized Water Main Branching Along Howard Ln.**

Upsizing approximately 360 LF of 2” water main along Howards Ln. between E. Main St. and the fire hydrant with 6” C900 PVC pipe would provide adequate fire flow.

**5.1.9. White Post Water Tower Replacement**

Due to its age, it is assumed that the White Post water tower will be replaced with a larger tank rated for 75,000 gallons. It may be possible to renovate the water tower; however, a life cycle cost analysis is recommended to determine whether the additional life gained from renovation will be worth the cost.

**5.1.10. Three-Phase Power**

The existing power supply to the water plant is an unusual type of three-phase power that is created using a single-phase service. The resulting three-phase has each leg separated by 90 degrees rather than the typical 120 degrees. All pumps operate at the water treatment plant have three-phase motors. In effect, these three-phase motors run at reduced efficiency, and available horsepower, they run at a higher than designed temperature under normal operating conditions and cannot produce rated torque. While the motors are able to operate, they are more liable to premature failure and there are reliability issues with loss of phase. An overhaul of the power system would necessarily be a major undertaking and the plant has been operating for many years without supply issues. Therefore, IES recommends implementing true three-phase power in conjunction with the expansion and overhaul of the water treatment plant. In the interim, electric motors under 10 HP should be replaced with the next higher available horsepower as they fail or require servicing.

**5.1.11. WTP Expansion and Replacement**

The capacity of the WTP may need to be increased and the aging equipment will need to be replaced. This would include the following elements:

- The spring house sump and building would remain with major overhauls to the structure, electrical systems, and pumps.
- The chemical feed storage building would remain with major overhauls to the structure and systems.
- The existing treatment plant building is maxed out and will have aged significantly. It may be retained as a storage or auxiliary equipment room; but a new structure would be constructed for the new filtration, disinfection, chemical feed, and pressure pumping systems so that the existing ones can remain online during construction.
- New filter feed tanks (raw water storage) and chlorine contact tanks would be installed to replace the existing repurposed hydropneumatic tanks.
- New controls and a lab room would be incorporated in the new treatment building.

#### **5.1.12. White Post Booster Station Renovation**

This will involve repairs/replacements of the enclosure, controls, valves, and pumps to ensure reliability.

#### **5.1.13. White Post Fire Pump Station Renovation**

This will involve repairs/replacements of the enclosure, controls, valves, and pumps to ensure reliability.

#### **5.1.14. Water Meter Replacement**

Water meters were last replaced in 2021 and will need to be replaced when these have reached the end of their 20-year service life. The meters are remote-read brass, turbine type flow totalizing meters. Typically, meters are replaced across the entire system. Here, we assume that all meters, including those added in the intervening years will be replaced.

### **5.2. Wastewater Systems**

This section describes the CIP projects for the Wastewater systems. Refer to Appendix F for a table summarizing the estimated costs, timing, and inflation adjusted total cost.

#### **5.2.1. Flow Eq. Pump and Control Repairs and Corrections**

The existing flow equalization system needs modifications to the controls to prevent the pumps from running when the air-actuated butterfly valves for both treatment trains are closed. The controls modifications will primarily be to the programming. At the same time, flanged Y-strainers should be installed upstream of the air-actuated butterfly valves for the treatment trains to prevent them from becoming clogged with rags or stringy solids from either of the flow equalization tanks.

#### **5.2.2. Building, Roof, and Ventilation Repairs (Old Portion WWTP)**

The older part of the WWTP building has deteriorated due to age. The following items should be addressed:

- Sandblasting and recoating the steel roof and the steel purlins.
- Repairs to internal damage to the insulated skin of the building.
- Rehanging the door to the primary screenings room that will not close.
- Improved ventilation with the addition of new exhaust fans. Sufficient ventilation is critical to the health and safety of operators and to the condition of equipment. The humid



atmosphere inside the building accelerates corrosion of the structure and many equipment items.

### **5.2.3. Membrane CIP System Refurbishment**

The Membrane Clean-In-Place (CIP) system needs to be simplified and refurbished so that it can be used routinely as intended by the operators. There are two separate feed systems: one for citric acid and the other for sodium hypochlorite or another oxidant. This project will involve revising the piping and valves to remove the flow calibration and air relief equipment and replacing the two chemical feed pumps with adjustable Stenner peristaltic pumps. Some electrical work will be necessary to provide controlled receptacles for plugging in the new pumps.

### **5.2.4. WWTP Primary Screening Refurbishment**

The drum screen will require new valves and fittings for its spray system to address leaks that are causing corrosion in the walkway grating. This grating will require partial replacement and coating to address corrosion. The primary screen is intended to be enclosed and ventilated to minimize odors and unhygienic conditions for the operators. A clear polycarbonate spray shield should be constructed to cover the screen. The cover should be hinged and fitted with stainless steel lift pistons to provide convenient access for the operator to service the screen. A flexible ventilation hose fitted with a quick release should be connected to a dedicated duct fan that exhausts through the existing roof vent ducts. Redundancy for the 2 HP sprayer booster pumps should be provided with the installation of a parallel pump that can be activated by manual switchover.

### **5.2.5. Sheetz Lift Station Near Term Upgrade - 2025**

In the near term, the following improvements are recommended for this pump station.

- Replacement hatch
- Wet-well cleaning and coating
- Replacement Auto-dialer

### **5.2.6. 10-Year Full Recoating of WWTP Tanks (2025)**

All of the WWTP tanks are coated steel. The coatings of these tanks eventually fail due to abrasion, corrosion, imperfections in the coating, and degradation. Preventative maintenance is critical to extending the life of steel tanks. The tank coating should be patched every 5 years and recoated every 10-15 years. This item covers a full recoating of the following WWTP tanks:

- Primary surge tank
- Main FEQ tank
- Train 1 biological process tank
- Train 2 biological process tank
- Digester tanks

The MBR tanks are on a separate maintenance cycle. Some surfaces may not need to be recoated. It is estimated that around 80% of the tank surface area will need to be recoated for a total approximate surface area of these tanks of 6,000 ft<sup>2</sup>.

### **5.2.7. Permeate Pump Skid Rebuild**

This includes the following:

- Repairs and coating for the corroding steel skid base
- Improvements to address susceptibility to corrosion and leaking
- Replacement valves and fittings to address leaks
- Replacement or spare pressure and flow sensors

**5.2.8. WWTP and Virginia Ave. Station Auto-dialer Upgrade**

The WWTP auto-dialer needs to be replaced.

The Virginia Ave Lift Station auto-dialer also needs to be replaced.

**5.2.9. McDonald’s Pump Station Controls Enclosure and Renovation**

The McDonald’s Pump Station control and electrical panels are exposed to the weather and to UV degradation. The controls’ enclosures need to be replaced or repaired and then sheltered by a kiosk-style roof. Also, to improve access and prevent stormwater inflow the wetwell lid should be replaced with a new 30” square aluminum hatch with an adapter and a riser.

**5.2.10. Virginia Avenue Lift Station Near Term Upgrade - 2026**

This near-term upgrade will be required to add emergency bypass capabilities. This would involve adding a bypass connection and suction line for a tow-behind trash pump.

It is recommended that the wet-well be cleaned and coated to extend the life of the concrete.

**5.2.11. Roseville Lift Station Near Term Upgrade**

This near-term upgrade will be required to add emergency bypass capabilities. This would involve adding a bypass connection and suction line for a tow-behind trash pump.

It is recommended that the wet-well be cleaned and coated to extend the life of the concrete.

The influent manhole will be coated, and the cover will be replaced. A composite manhole cover is recommended.

**5.2.12. Millwood Grinder Pump Stations**

Currently, there is a mix of 10 older Barnes pump stations and new Liberty Pumps stations. The remaining older Millwood Grinder pump stations will be replaced. It is unlikely that this will occur all at once, but rather at a rate of around 1-2 units per year. The new grinder pump stations will be Liberty Pumps 24\*\*LSG202-type packaged grinder pump systems.

**5.2.13. Handy Mart Pump Station Auto-Dialer (for expanded usage)**

In the likely event of further expansion of commercial development in the Waterloo Commercial District, the Handy Mark pumps station should be fitted with an auto-dialer. Currently there is a lack of cellular service, so this one would need a wireless bridge or other communication device. The existing pumps, piping, and valves are adequate for future flows.

**5.2.14. Replacement of WWTP Controls**

The Programmable Logic Controller (PLC) components of the control system are aging, and replacement modules are difficult to source. The existing PLC programming may be able to be preserved and transferred to an upgraded system from the same manufacturer. IES has obtained a quote from Veolia for this work (see Appendix I), and the cost is based on this quote, with the inclusion of a safety factor, removal of the new computer, and addition of some consulting and project management costs.

### **5.2.15. Manhole Risers**

IES's operator has estimated that approximately seven of the sewer manholes require risers to raise the rim 3-6 inches in order to prevent infiltration. This would require removing the existing manhole frame and any surrounding pavement, installing the appropriate riser ring with sealant, performing any other preventative maintenance on the manhole, reinstalling the existing frame or a new manhole frame with cover, and then patching any pavement.

### **5.2.16. Flow Equalization Capacity Improvements**

Despite improvements to the flow equalization pumping system, the existing clarifiers should be converted to serve as emergency storage. This would involve adding an overflow pipe from the existing Flow Eq. tank to the clarifiers and adding four 2 HP grinder pumps to remove wastewater from the tanks. The converted tanks would also be coated over an estimated area of 1200 ft<sup>2</sup>.

### **5.2.17. Minor Recoating of WWTP Tanks - 2030**

Five years after a major recoating of the WWTP tanks, minor patching and repairs to the coating will be performed covering approximately 20% of the surface area. The approximate surface area of these tanks is 1,500 ft<sup>2</sup>.

### **5.2.18. Membrane Replacement - 2030**

The two MBR membranes modules will need to be replaced as fouling becomes permanent and their throughput declines to unacceptable levels.

### **5.2.19. Membrane Tank Recoating – 2030**

While patching is being done on the other steel tanks, a full recoat of the membrane tanks will likely be due. The approximate surface area of these tanks is 900 ft<sup>2</sup>.

### **5.2.20. Manhole Refurbishment and Improvement**

The typical lifespan of a steel manhole cover and ring is 30 years. The concrete manhole structure typically has a lifespan of 50 years. It is estimated that in the next 25 years approximately 75% of the existing manhole covers will need to be replaced or refurbished. Some manhole covers and frames (such as those at the Roseville Lift Station) are corroding quickly and action should be taken to coat the exposed steel to extend their lifespans. FRP H-20-rated covers and frames should be considered (such as those by Composite Access Products). It is furthermore estimated that 75% of the concrete manhole structures will need to be refurbished over the next 25 years. Concrete manhole structure degradation will occur due to corrosion, cracking, and settling. The seams between manhole rings are sealed with mastic that can stiffen and contract and result in I&I.

### **5.2.21. Sheetz Lift Station Long Term Upgrade**

This round of upgrades will be targeted towards renovations and increased capacity to accommodate future development in the Waterloo Commercial District. This will feature upgraded pumps and valves to create a triplex pumping configuration with three 2 HP grinder pumps (such as Liberty Pumps LSGX202M) capable of a combined flow of 83 GPM at 62 feet TDH with two pumps operating.

### **5.2.22. Virginia Avenue Lift Station Long Term Upgrade - 2032**

In the long term the Virginia Avenue Lift Station should undergo a major upgrade to improve reliability and serviceability. This will involve the following:

- New ~15 HP triplex sewage pumps with guide rail systems
- New valve array with bypass connection
- New pump controls
- New wet-well top with access hatch
- Concrete wet-well cleaning and coating (~270 ft<sup>2</sup>)

### **5.2.23. Roseville Lift Station Renovation Long Term Upgrade**

The long term upgrades and repairs to the Roseville lift station to increase capacity will include the following:

- New ~15 HP sewage pumps with guide rail systems
- New pump controls
- New valve array with bypass connection
- New wet-well top with access hatch
- Concrete wet-well cleaning and coating (~310 ft<sup>2</sup>)
- Influent manhole refurbishment
- New 4" diameter SDR35 PVC forcemain directly to the WWTP routed under Norfolk Southern rails in a steel casing for ~100 ft of directional boring at \$65/ft at 60 ft deep The Railroad would also charge fees for permitting and plan review.

### **5.2.24. 10-Year Full Recoating of WWTP Tanks - 2035**

This item covers a full recoating of the following WWTP tanks:

- Primary surge tank
- Main FEQ tank
- Train 1 biological process tank
- Train 2 biological process tank
- Old Clarifiers converted into supplementary FEQ / emergency storage (per 7.2.18)
- Digester tanks

The MBR tanks are on a separate maintenance cycle. Some surfaces may not need to be recoated. It is estimated that around 80% of the tank surface area will need to be recoated for a total approximate surface area of these tanks of 7,200 ft<sup>2</sup>.

### **5.2.25. WWTP Capacity Upgrade**

The treatment capacity of the WWTP will likely need to be increased by approximately 50% to handle projected flows in 2040-2048. This will require the addition of a new treatment train, associated piping and valves, controls/SCADA integration, and additional MBR membrane area.

### **5.2.26. WWTP Building Repairs (WWTP) - 2038**

25 years after the 2023 repair, the roofing for both the old part of the building and newer MBR end of building will likely need to be repaired. The combined roof area of 9,300 ft<sup>2</sup> will need to be serviced with special care taken to check ventilation or other penetrations. In addition, the steel members may need recoating to protect from corrosion.

**5.2.27. Minor Recoating of WWTP Tanks & MBR Tank Recoating - 2040**

Five years after a major recoating of the WWTP tanks, minor patching and repairs to the coating will be performed covering approximately 20% of the surface area (1800 ft<sup>2</sup>).

Furthermore, the MBR tanks will need to be fully recoated on the interior with minor recoating on the exterior for a total area of 900 ft<sup>2</sup>.

**5.2.28. 10-Year Full Recoating of WWTP Tanks - 2045**

This item covers a full recoating of the following WWTP tanks:

- Primary surge tank
- Main FEQ tank
- Train 1 biological process tank
- Train 2 biological process tank
- Old Clarifiers converted into supplementary FEQ / emergency storage (per 7.2.18)
- Digester tanks
- The MBR tanks are on a separate maintenance cycle. Some surfaces may not need to be recoated. It is estimated that around 80% of the tank surface area will need to be recoated for a total approximate surface area of these tanks of 7,200 ft<sup>2</sup>.

## **6. EFFECTS OF CAPITAL IMPROVEMENTS ON OPERATIONS AND MAINTENANCE**

The CCSA has separate Annual Budgets to cover the Operations and Maintenance Costs of the Water System and the Sewer System. Annual Budget records and projections for 2019 through 2022 for the water and sewer systems were evaluated and used to estimate future O&M costs.

### **6.1. Water System O&M Budget**

IES evaluated the categories of the 2023 Water System Annual Budget for changes due to growth of the system, implementation of major upgrades, and aging components. The following sections provide a description of the possible relative impact of the proposed CIP projects on future O&M costs.

#### **6.1.1. Services & Fees**

This category is expected to keep pace with inflation. A future upgrade of the Prospect Spring treatment plant is not expected to significantly impact contract operator costs.

#### **6.1.2. Maintenance**

While major renovations of the building are covered under the CIP section, some minor mechanical and structural repairs and maintenance of structures will be required.

Water Tower maintenance is expected to remain steady as the CCSA plans to enter into long-term service contracts.

#### **6.1.3. Utilities**

This category includes electrical, gas, heating/generator fuel, waste disposal, and postage (assuming that the unit prices of these utilities do not change).

#### **6.1.4. Supplies**

Purchase of Critical Spares: The WTP had spares that should be acquired:

- Spring water feed pump
- Pressure booster pump
- Critical pressure regulating valves components

### **6.2. Sewer System O&M Budget**

IES evaluated the categories of the 2023 Sewer System Annual Budget for changes due to growth of the system, implementation of major upgrades, and aging components. The following sections provide a description of the possible relative impact of the proposed CIP projects on future O&M costs.

#### **6.2.1. Services & Fees**

This category includes costs for operator services (provided by IES), pump servicing, power system servicing, engineering/architectural review, legal services, board member fees, and permit fees. Operator services expenses are expected to increase due to the following changes in the system:

- (a) Expansion of the collection system, including addition of a pump station for development of the NW corner of Waterloo Commercial District

(b) Addition of biological treatment capacity at the Boyce WWTP

Operator services expenses are expected to decrease due to the following changes in the system:

- (a) Improvements to the WWTP processes
- (b) Improvements to the reliability of the Roseville and Virginia Ave. Lift Stations

Other Services and Fees categories are expected to keep pace with inflation.

The net result will likely be modest increases in the Services and Fees category.

**6.2.2. Maintenance**

While major renovations of the infrastructure are covered under the CIP section, routine mechanical and structural repairs and maintenance of structures will be required. In general, the cost of maintenance is expected to increase due to aging equipment and structures.

**6.2.2.1. *Wastewater Treatment Plant***

Improvements to the function and reliability of the primary screening system and the flow equalization pumping system will likely reduce undue wear and tear and therefore reduce equipment replacement costs. However, the maintenance costs for the WWTP are likely to slowly increase over time due to the deterioration of the structures and the addition of some mechanical devices. Certainly, the eventual expansion of the biological treatment capacity will add recurring expenses for equipment service and replacement and tank/structural preservation and repair.

**6.2.2.2. *Collection System***

The current O&M items associated with the sewer collection system include the following:

- Maintenance of the control and mechanical systems of the five existing sewer pump stations
- Maintenance of the Millwood grinder pump stations and piping (which is prone to clogging)

**6.2.3. Utilities**

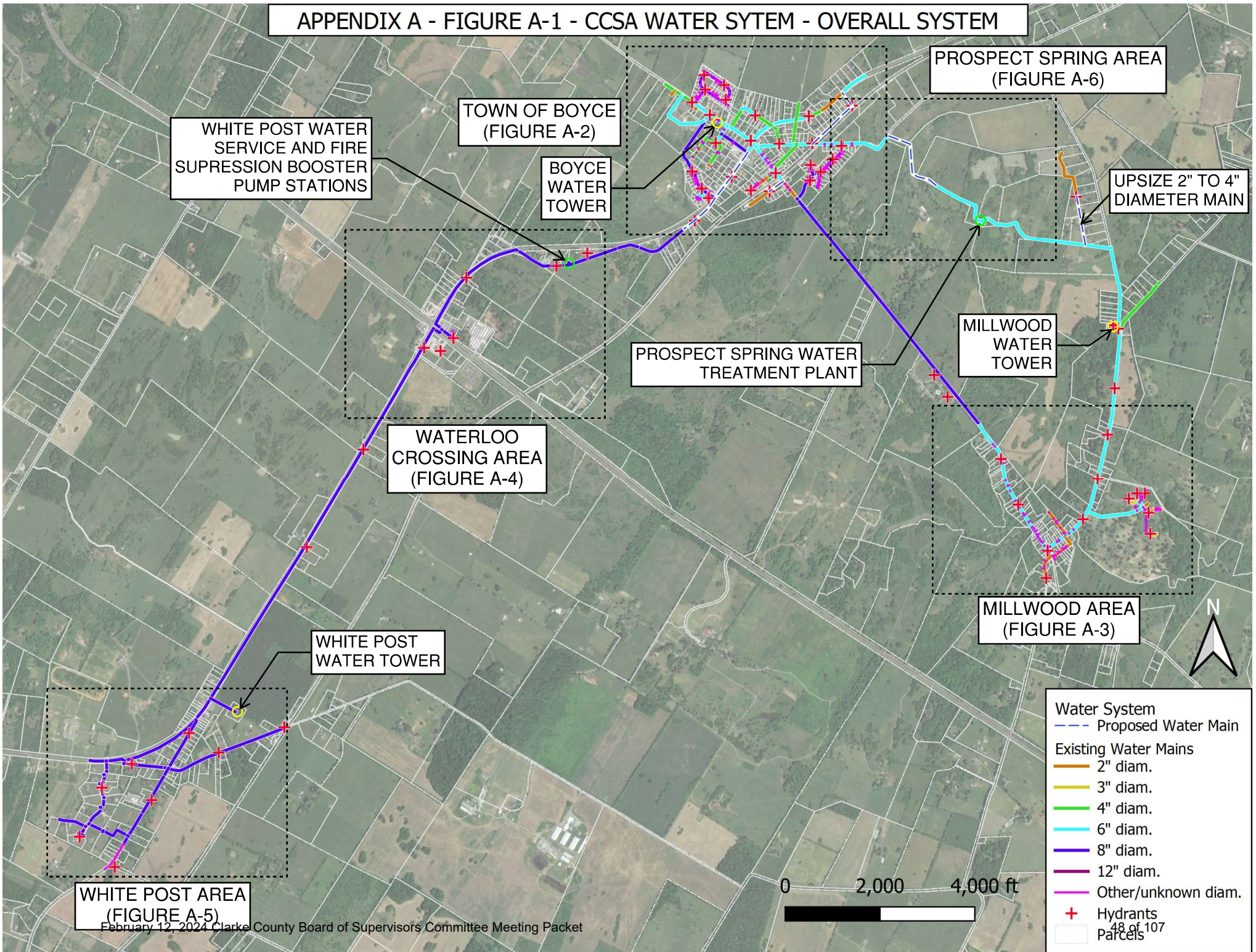
Utilities costs are assumed to keep pace with inflation. However, the addition of pumps and other devices will impose a small increase in electricity costs.

**6.2.4. Supplies**

Purchase of Critical Spares: The WWTP has had a number of situations where critical process equipment has failed (sometimes both pumps of a duplex system have even failed at the same time). The following spares should be acquired and kept stocked:

- Drum screen drive motor
- Flow Eq. grinder pump
- Permeate pump
- Anoxic Mixer
- Main process blowers
- Sewage lift station spares and service parts

# APPENDIX A - FIGURE A-1 - CCSA WATER SYTEM - OVERALL SYSTEM



WHITE POST WATER SERVICE AND FIRE SUPPRESSION BOOSTER PUMP STATIONS

TOWN OF BOYCE (FIGURE A-2)

BOYCE WATER TOWER

PROSPECT SPRING AREA (FIGURE A-6)

UPSIZE 2" TO 4" DIAMETER MAIN

PROSPECT SPRING WATER TREATMENT PLANT

MILLWOOD WATER TOWER

WATERLOO CROSSING AREA (FIGURE A-4)

MILLWOOD AREA (FIGURE A-3)

WHITE POST WATER TOWER

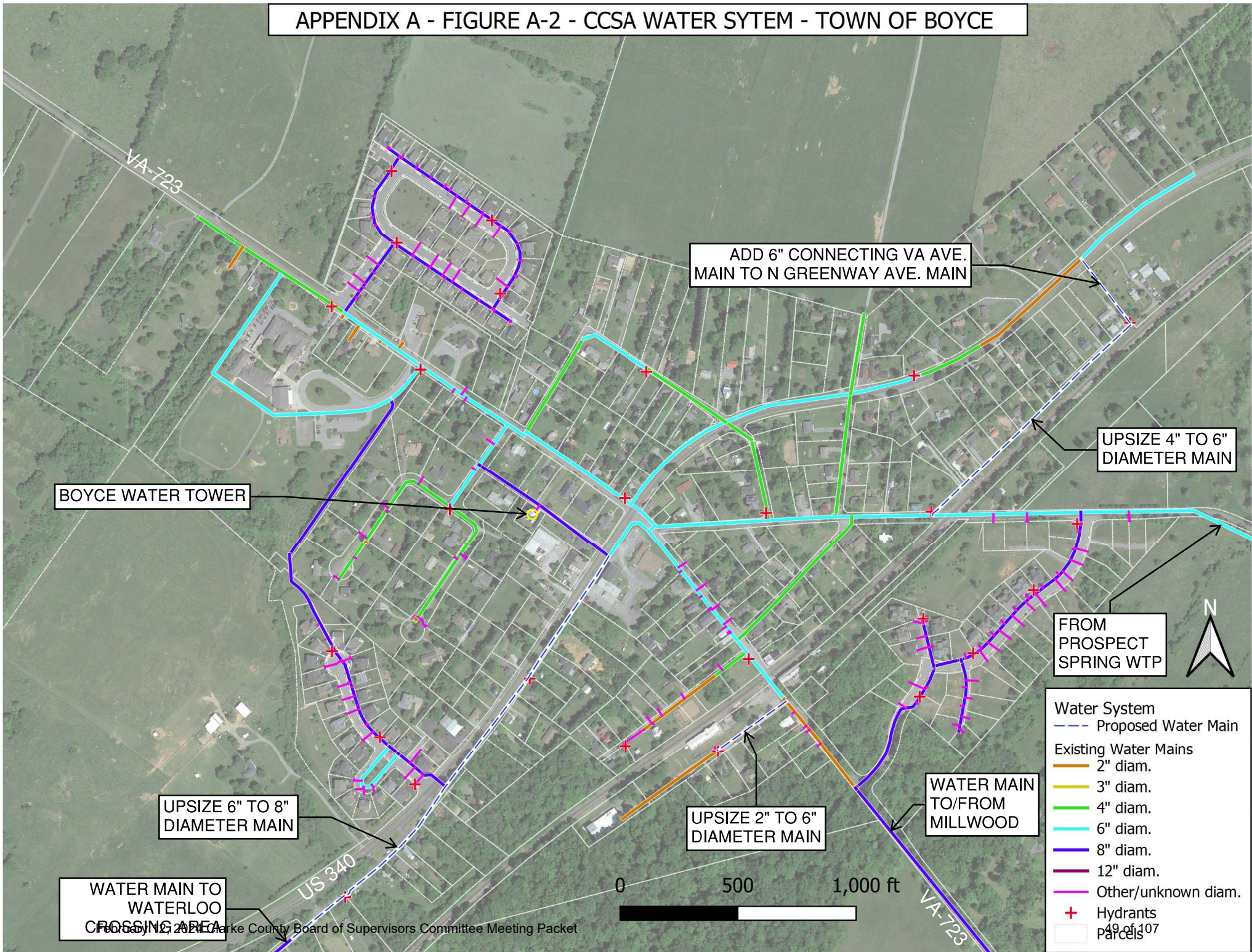
WHITE POST AREA (FIGURE A-5)

- Water System**
- - - Proposed Water Main
- Existing Water Mains**
- 2" diam.
  - 3" diam.
  - 4" diam.
  - 6" diam.
  - 8" diam.
  - 12" diam.
  - Other/unknown diam.
- + Hydrants
  - Parcels





APPENDIX A - FIGURE A-2 - CCSA WATER SYTEM - TOWN OF BOYCE



BOYCE WATER TOWER

ADD 6" CONNECTING VA AVE. MAIN TO N GREENWAY AVE. MAIN

UPSISE 4" TO 6" DIAMETER MAIN

FROM PROSPECT SPRING WTP



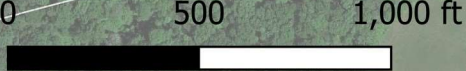
- Water System**
- - - Proposed Water Main
- Existing Water Mains**
- 2" diam.
  - 3" diam.
  - 4" diam.
  - 6" diam.
  - 8" diam.
  - 12" diam.
  - Other/unknown diam.
- + Hydrants
  - parcels

UPSISE 6" TO 8" DIAMETER MAIN

UPSISE 2" TO 6" DIAMETER MAIN

WATER MAIN TO/FROM MILLWOOD

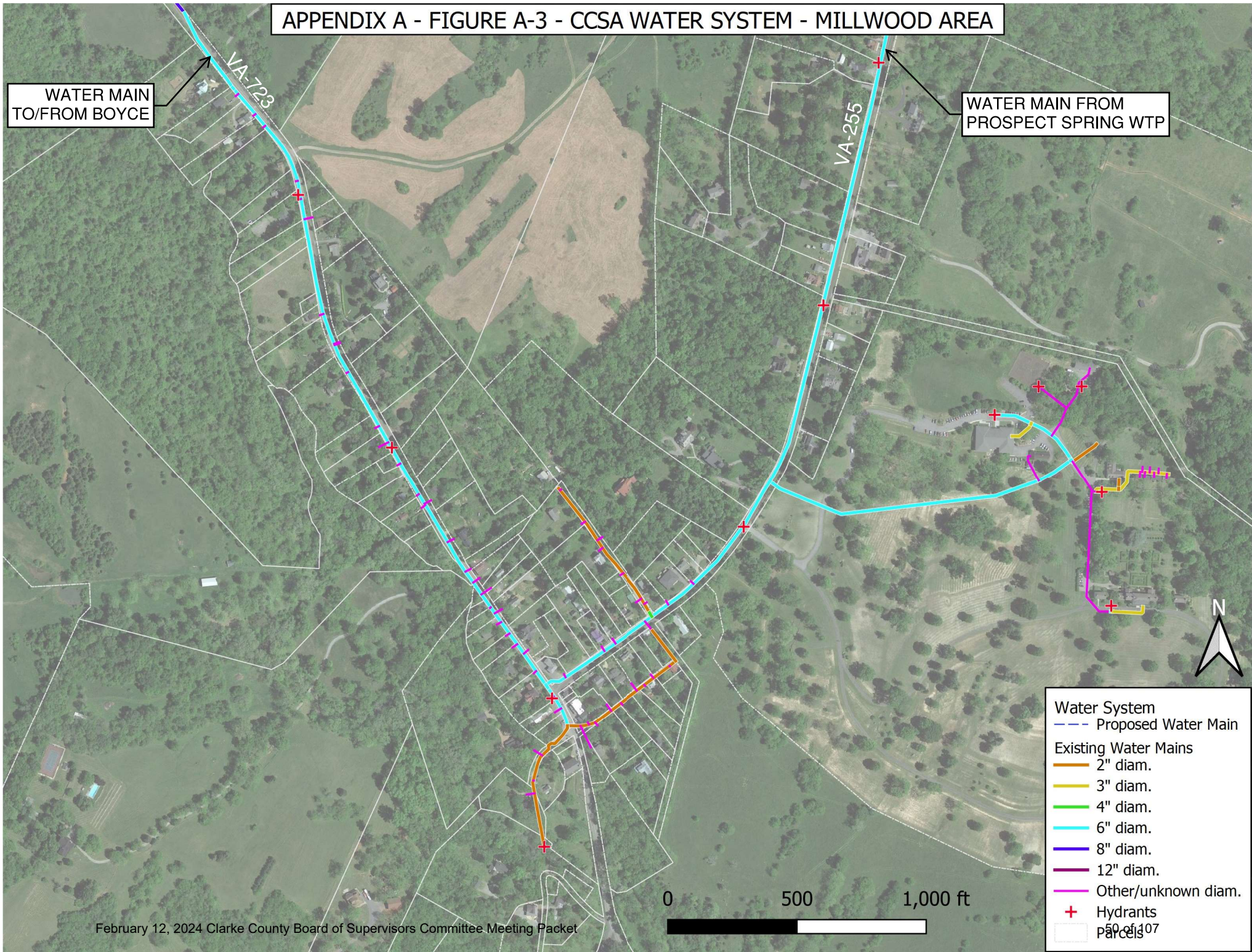
WATER MAIN TO WATERLOO CROSSING AREA



# APPENDIX A - FIGURE A-3 - CCSA WATER SYSTEM - MILLWOOD AREA

WATER MAIN TO/FROM BOYCE

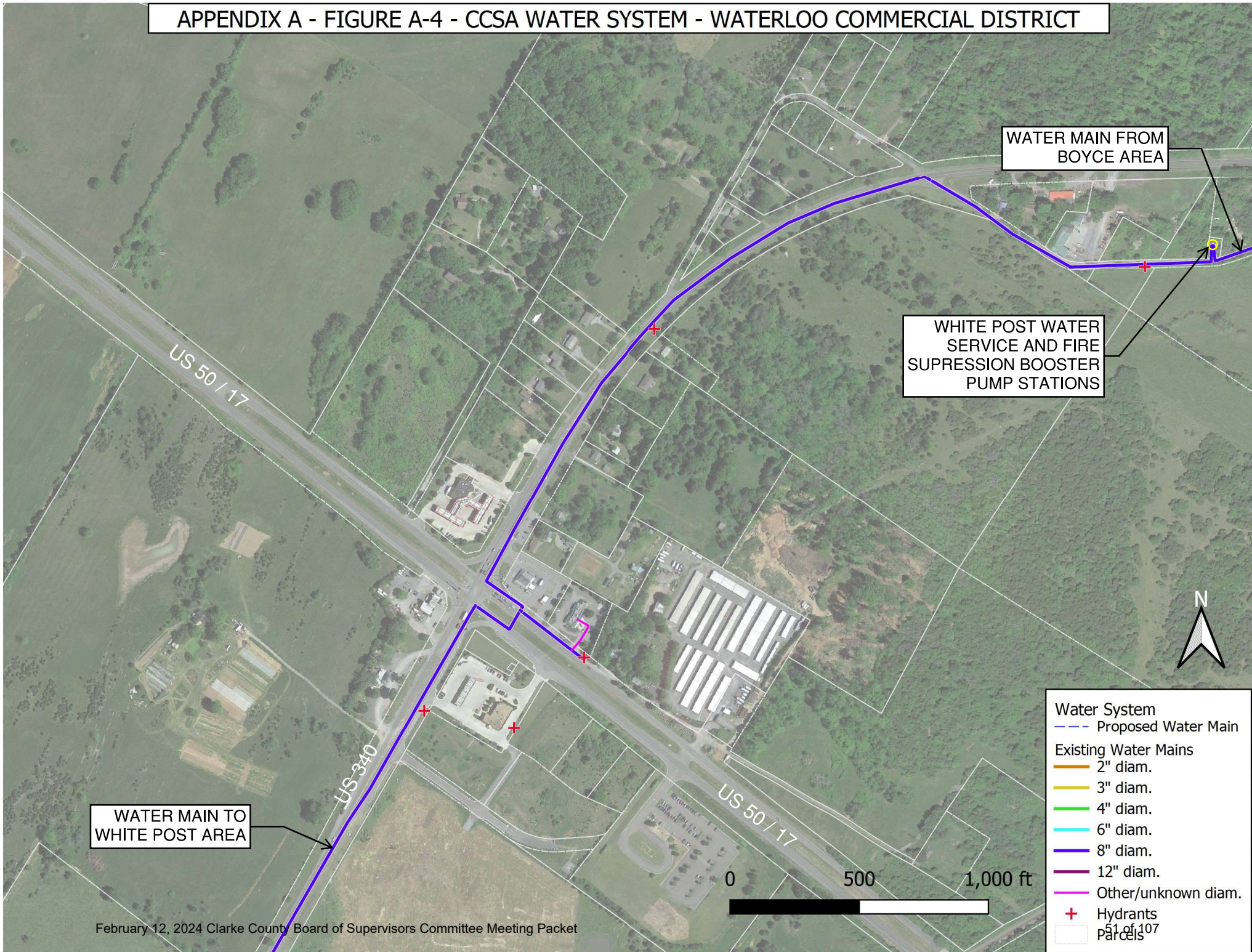
WATER MAIN FROM PROSPECT SPRING WTP



- Water System
  - Proposed Water Main
- Existing Water Mains
  - 2" diam.
  - 3" diam.
  - 4" diam.
  - 6" diam.
  - 8" diam.
  - 12" diam.
  - Other/unknown diam.
- Hydrants
- parcels

0 500 1,000 ft

APPENDIX A - FIGURE A-4 - CCSA WATER SYSTEM - WATERLOO COMMERCIAL DISTRICT



WATER MAIN FROM BOYCE AREA

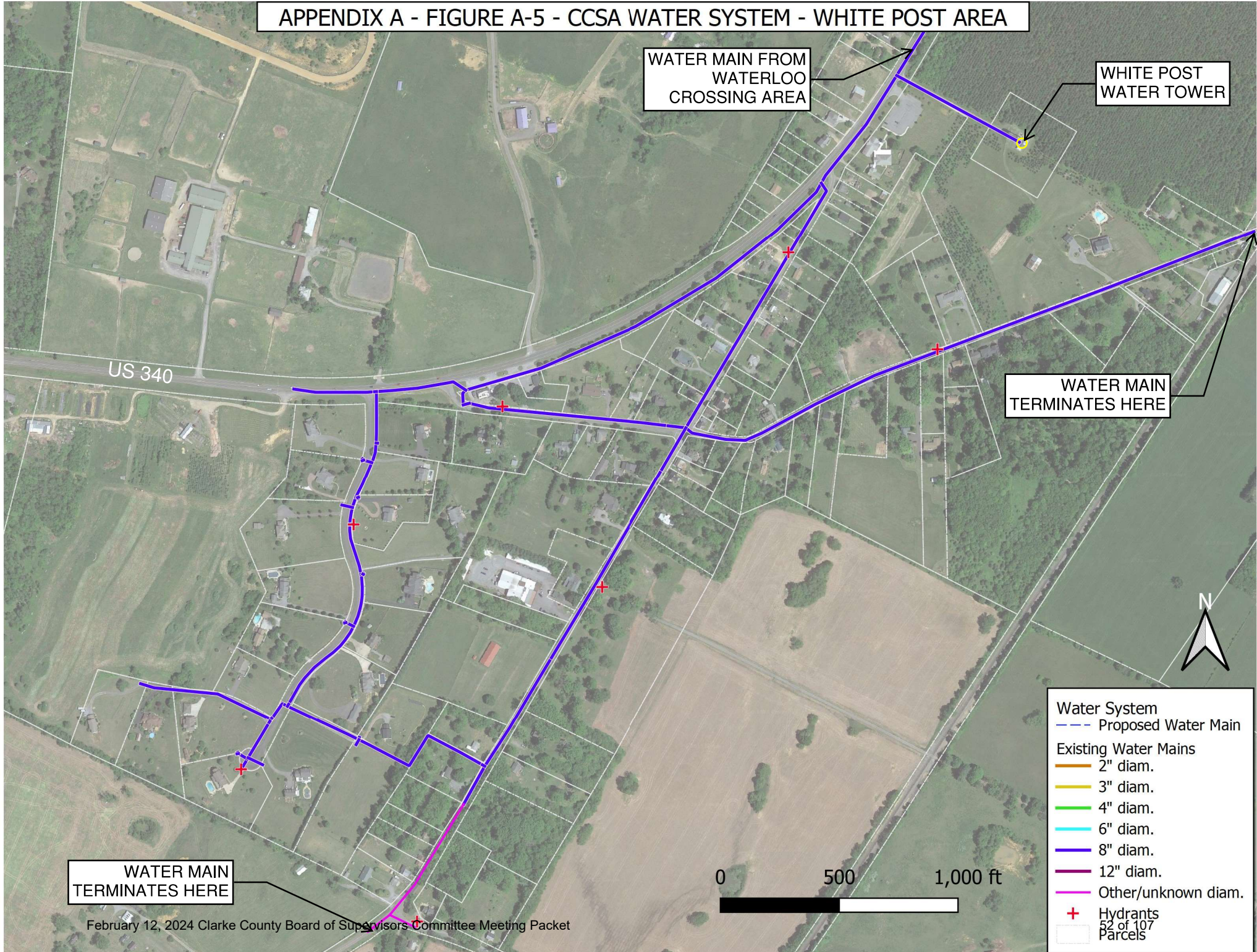
WHITE POST WATER SERVICE AND FIRE SUPPRESSION BOOSTER PUMP STATIONS

WATER MAIN TO WHITE POST AREA

- Water System
  - Proposed Water Main
- Existing Water Mains
  - 2" diam.
  - 3" diam.
  - 4" diam.
  - 6" diam.
  - 8" diam.
  - 12" diam.
  - Other/unknown diam.
- Hydrants
- Parcels



# APPENDIX A - FIGURE A-5 - CCSA WATER SYSTEM - WHITE POST AREA



# APPENDIX A - FIGURE A-6 - CCSA WATER SYSTEM - PROPOSED MAIN REPLACEMENT

WATER MAIN TO BOYCE

REPLACE EXISTING WATER MAIN TO ADDRESS LEAKS DUE TO POSSIBLY DEFECIENT INSTALLATION

PROSPECT SPRING WATER TREATMENT PLANT

WATER MAIN TO MILLWOOD

Water System

- Proposed Water Main

Existing Water Mains

- 2" diam.
- 3" diam.
- 4" diam.
- 6" diam.
- 8" diam.
- 12" diam.
- Other/unknown diam.

+

Hydrants

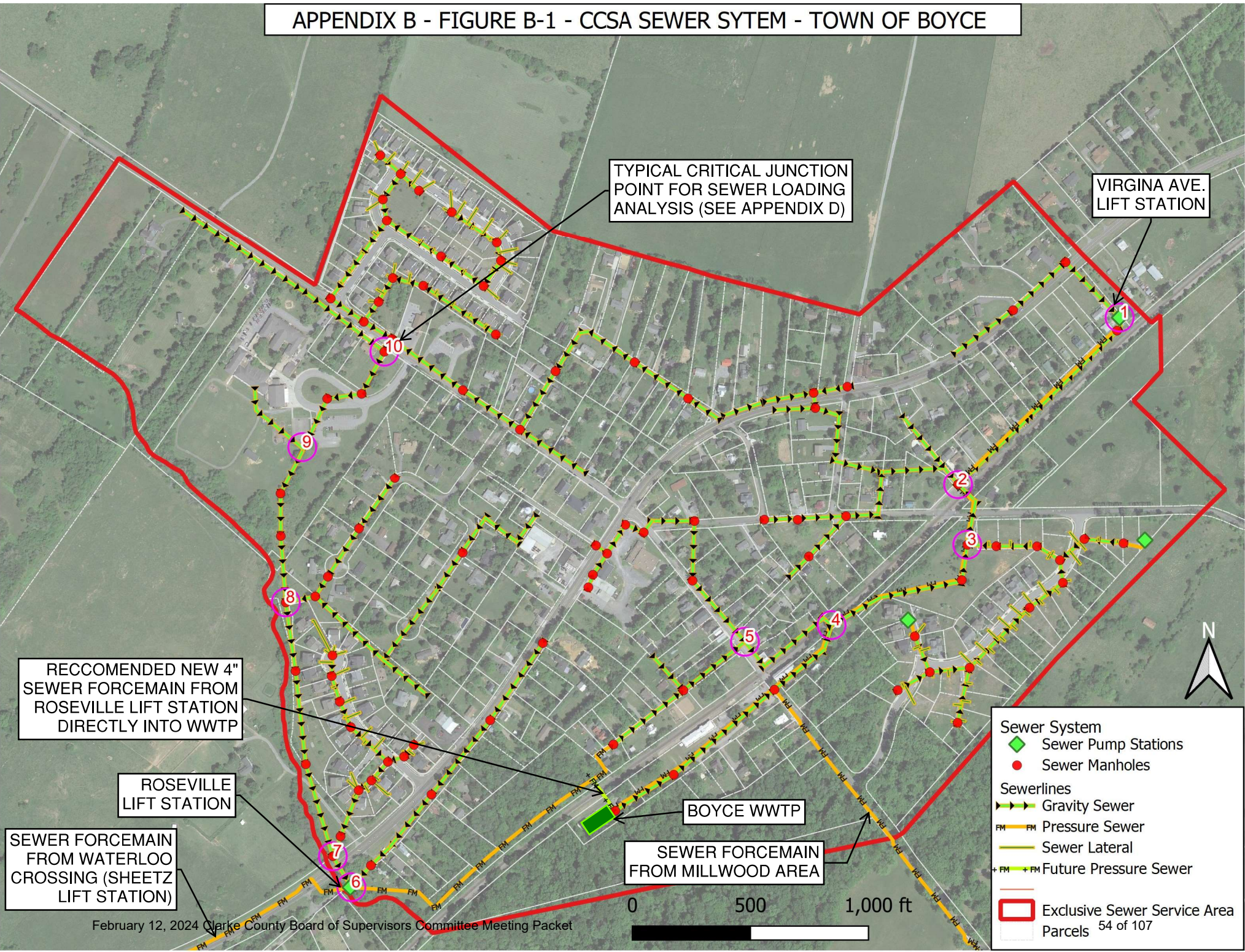
▭

Parcels

0 500 1,000 ft



APPENDIX B - FIGURE B-1 - CCSA SEWER SYTEM - TOWN OF BOYCE



TYPICAL CRITICAL JUNCTION POINT FOR SEWER LOADING ANALYSIS (SEE APPENDIX D)

VIRGINIA AVE. LIFT STATION

RECCOMENDED NEW 4" SEWER FORCEMAIN FROM ROSEVILLE LIFT STATION DIRECTLY INTO WWTP

ROSEVILLE LIFT STATION

SEWER FORCEMAIN FROM WATERLOO CROSSING (SHEETZ LIFT STATION)

BOYCE WWTP

SEWER FORCEMAIN FROM MILLWOOD AREA

- Sewer System**
- ◆ Sewer Pump Stations
  - Sewer Manholes
- Sewerlines**
- ▶▶ Gravity Sewer
  - FM Pressure Sewer
  - Sewer Lateral
  - + FM + FM Future Pressure Sewer
- Exclusive Sewer Service Area
- Parcels 54 of 107

# APPENDIX B - FIGURE B-2 - CCSA SEWER SYSTEM - MILLWOOD AREA

3" FORCEMAIN TO BOYCE GRAVITY SEWER THAT DRAINS TO VIRGINIA AVE. LIFT STATION

NOTE: INDIVIDUAL MILLWOOD GRINDER PUMP STATIONS NOT SHOWN

**Sewer System**

- ◆ Sewer Pump Stations
- Sewer Manholes

**Sewerlines**

- ▶▶▶ Gravity Sewer
- FM FM Pressure Sewer
- Sewer Lateral
- + FM + FM Future Pressure Sewer

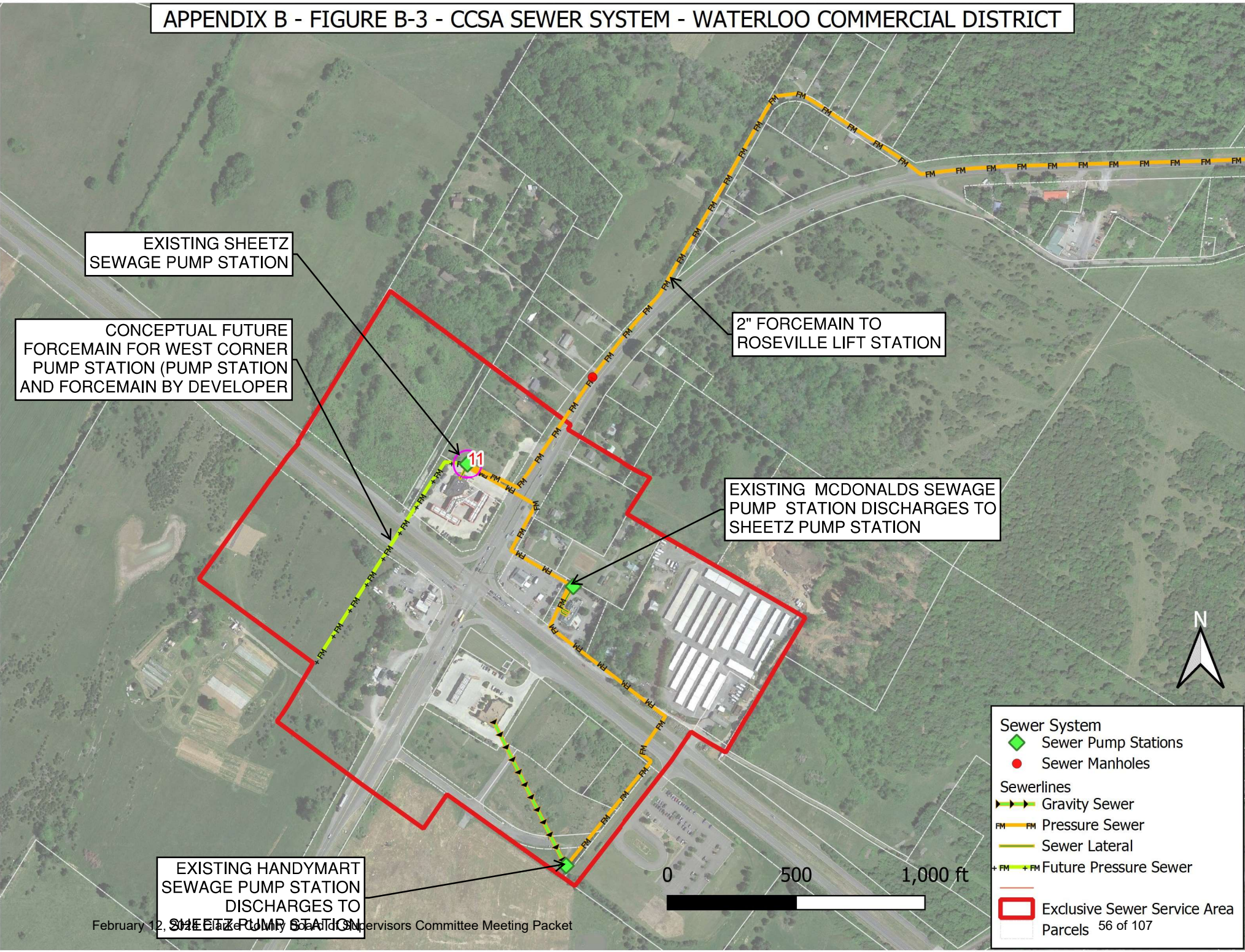
— Exclusive Sewer Service Area

□ Parcels 55 of 107

0 500 1,000 ft



APPENDIX B - FIGURE B-3 - CCSA SEWER SYSTEM - WATERLOO COMMERCIAL DISTRICT





APPENDIX B - FIGURE B-4 - CCSA SEWER SYSTEM - PROPOSED FORCEMAIN CROSSING

EXISTING FORCEMAIN CURRENTLY DISCHARGES INTO GRAVITY SEWER WHICH ULTIMATELY DRAINS TO VIRGINIA AVE. LIFT STATION

RECCOMENDED EXISTING 4" SEWER FORCEMAIN BE SHUT-OFF AND REMAIN IN PLACE IN CASE OF DISRUPTION TO NEW FORCEMAIN PIPE

RECCOMENDED NEW 4" SEWER FORCEMAIN FROM ROSEVILLE LIFT STATION DIRECTLY INTO WWTP. REQUIRES BORING UNDER RAILROAD.

EXISTING 4" FORCEMAIN FROM VIRGINIA AVE. LIFT STATION

BOYCE WWTP

0 100 200 ft



**Sewer System**

- Sewer Pump Stations
- Sewer Manholes

**Sewerlines**

- Gravity Sewer
- Pressure Sewer
- Sewer Lateral
- Future Pressure Sewer

Exclusive Sewer Service Area

Parcels 57 of 107

# Clarke County Sanitary Authority (CCSA) Water and Sewer Master Plan

## Appendix C: Water Demand & Supply Projection Calculations

Prepared by Inboden Environmental Services, Inc.

**Table C-1 Water Demand & Loss Projections**

Year	Note	Average water production, gpd	Average billed water, gpd (b)	Average distribution loss (c), gpd	% Loss	ERCs (d)	Flow per ERCs, gpd	Calculated Safety Factor	Growth, % per year
2014	(a)	85,357	59,208	26,149	31%	446	133	1.81	
2018	(a)	95,568	63,985	31,583	33%	475	135	1.62	1.6%
2019	(a) (e)	118,547	60,935	57,613	49%	483	126	1.30	1.7%
2021	(a)	116,294	79,115	37,180	32%	499	159	1.33	1.7%
2035	(f)	126,993	96,993	30,000	24%	612	159	1.22	1.6%
2048	(f)	151,373	116,373	35,000	23%	734	159	1.02	1.5%
2068	(f)	208,546	158,546	50,000	24%	1000	159	0.74	1.8%

(a) Average production for 2014 per report by Anderson & Associates. Average production for 2018-2021 from IES reports to VDH.

(b) Calculated from CCSA billing reports for 2014 and 2018 through 2021.

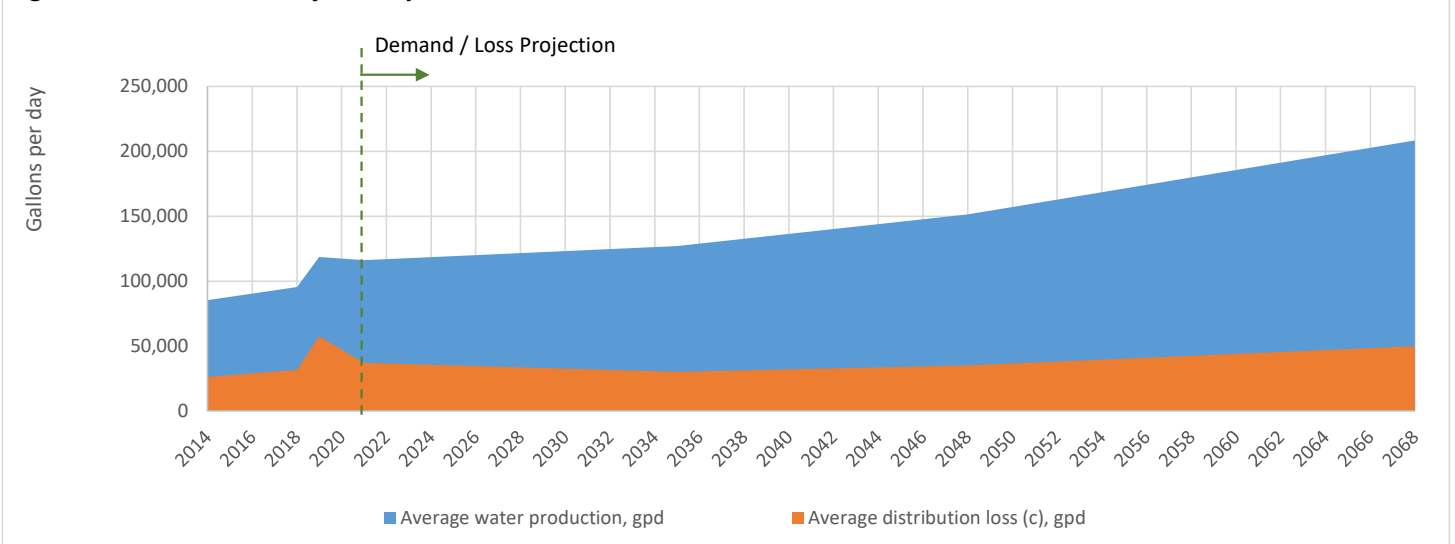
(c) For 2014-2021, calculated average system loss is the difference between the Average Water production and the Average billed water consumption. Future projections are estimated for 2035 and 2048 based on trends and proposed corrective measures for leaks.

(d) Estimated number of Equivalent Residential connections (users plus estimated ERCs from commercial/institutional usage).

(e) Higher system losses occurred in 2019 due to pipe damage which was repaired later that same year.

(f) Projected water production calculated as the sum of the projected consumption, plus the projected distribution loss. The years that were chosen for these projection calculations coincide with the probable timing of treatment plant upgrades in 2035, the end of the study period in 2048, and a further 20 years beyond that study period. This last date, 2068, was included to project the capacity of the upgraded water treatment plant so that it remains adequately sized for the life of the system.

**Figure C-1. Recent and Projected System Production and Loss**



# Clarke County Sanitary Authority (CCSA) Water and Sewer Master Plan

## Appendix C: Water Demand & Supply Projection Calculations

**Table C-1 Water Treatment System Sizing Evaluation**

<b>Maximum Production from Current System</b>		<b>units</b>	<b>Note</b>
Average flow per membrane unit	39	gpm	(a)
Number of membrane units	3	units	
Maximum assumed mem. runtime	22	hours/day	(b)
Total Maximum production	154,440	GPD	
Demand in 2021	116,294	GPD	
Percent capacity used in 2021	75%		
Projected demand in 2035	126,993	GPD	(c)
Percent capacity used in 2035	82%		
<b>Projected Production for Upgraded Treatment System (d)</b>		<b>units</b>	<b>Note</b>
Total Projected Demand in 2068	208,546	GPD	(e)
Average flow per membrane unit	39	gpm	(a)
Min. Number of future membrane units	5	units	
Maximum average mem. runtime	22	hours/day	
Total Maximum production	257,400	GPD	
Percent capacity used in 2068	81%		

(a) Based on DuPont Memcor membrane assemblies with 6 membrane modules each.

(b) IES's estimate for the maximum membrane runtime that can be relied upon.

(c) The projected utilization of the production capacity for the current treatment system in 2035 will approach the 85% threshold that should trigger the design and implementation of an upgraded and expanded water treatment system.

(d) Assuming the new/upgraded treatment system is completed around 2038.

(e) 2068 was estimated as the year when the a new treatment system (built by 2038) would be 40 years old and therefore likely in need of renovation, replacement, or upgrade.

# Clarke County Sanitary Authority (CCSA) Water and Sewer Master Plan

## Appendix D Sewer Flow Projection Calculations

Prepared by Inboden Environmental Services, Inc.

\*Critical Junctions/Points in the sewer collection system, numbered 1 through 11, are listed in order of largest to smallest cumulative collection area. Locations are numbered and labeled with a magenta circle in GIS Maps in Appendix B, Figures B-1 & Figure B-3.

**TABLE D-1 CURRENT FLOW THROUGH CURRENT SYSTEM**

Critical Junction/Point ID (*)	1-VA Ave LS	2	3	4	5	6-Roseville LS	7	8	9	10	11-Sheetz LS
<b>TOTAL CURRENT FLOW (GPD)</b>	89,052	84,708	77,830	69,866	51,404	45,069	25,702	20,815	16,652	15,566	15,566
<b>Hourly Peak Flow (GPD) (a)</b>	247	235	216	194	143	125	71	58	46	43	43
<b>Sewer capacity at point (gpm)</b>	240	240	240	240	240	140	240	240	240	240	49
<b>Safety factor</b>	0.97	1.02	1.11	1.24	1.68	1.12	3.36	4.15	5.19	5.55	1.13
<b>Note</b>	(b)	(c)	(c)	(c)	(c)	(d)	(c)	(c)	(c)	(c)	(e)

- (a) Computed using a peaking factor of 4 estimated from Harmon's Peaking Factor formula.
- (b) The Virginia Avenue Lift station has triplex pumps which are capable of operating continuously. For the purpose of this calculation the capacity is based on two pumps running in series at 240 gpm at 52 ft TDH, assuming the third pump is held in reserve.
- (c) The sewer diameter is believed to be 8" at this location with an assumed slope of 1%. Capacity is assumed to be when the pipe is 50% full.
- (d) The Roseville Lift station has duplex pumps which are capable of operating continuously. For the purpose of this calculation the capacity is based on a single pump running at 140 gpm at 52 ft TDH, assuming the second pump is held in reserve.
- (e) The repaired Sheetz Lift station is assumed to have duplex Liberty LSG202M pumps which are capable of operating continuously. For the purpose of this calculation the capacity is based on a single pump running at 49 gpm at 30 ft TDH, assuming the second pump is held in reserve.

**TABLE D-2 FUTURE FLOW THROUGH CURRENT SYSTEM**

Critical Junction/Point (*)	1-VA Ave LS	2	3	4	5	6-Roseville LS	7	8	9	10	11-Sheetz LS
<b>TOTAL FUTURE FLOW (GPD)</b>	127,424	122,537	114,392	102,627	74,753	67,694	35,295	30,408	25,340	22,806	25,159
<b>Hourly Peak Flow (GPD) (a)</b>	354	340	318	285	208	188	98	84	70	63	70
<b>Sewer capacity at point (gpm)</b>	240	240	240	240	240	140	240	240	240	240	49
<b>Safety factor</b>	0.68	0.71	0.76	0.84	1.16	0.74	2.45	2.84	3.41	3.79	0.70
<b>Note</b>	(b)	(c)	(c)	(c)	(c)	(d)	(c)	(c)	(c)	(c)	(e)

- (a) Computed using a peaking factor of 4 estimated from Harmon's Peaking Factor formula.
- (b) The Virginia Avenue Lift station has triplex pumps which are capable of operating continuously. For the purpose of this calculation the capacity is based on two pumps running in series at 240 gpm at 52 ft TDH, assuming the third pump is held in reserve.
- (c) The sewer diameter is believed to be 8" at this location with an assumed slope of 1%. Capacity is assumed to be when the pipe is 50% full.
- (d) The Roseville Lift station has duplex pumps which are capable of operating continuously. For the purpose of this calculation the capacity is based on a single pump running at 140 gpm at 52 ft TDH, assuming the second pump is held in reserve.
- (e) The repaired Sheetz Lift station is assumed to have duplex Liberty LSG202M pumps which are capable of operating continuously. For the purpose of this calculation the capacity is based on a single pump running at 49 gpm at 30 ft TDH, assuming the second pump is held in reserve.

**TABLE D-3 FUTURE FLOW THROUGH MODIFIED SYSTEM (a)**

Critical Junction/Point (*)	1-VA Ave LS	2	3	4	5	6-Roseville LS	7	8	9	10	11-Sheetz LS
<b>TOTAL FUTURE FLOW (GPD)</b>	59,730	54,843	46,698	34,933	7,059	67,694	35,295	30,408	25,340	22,806	25,159
<b>Hourly Peak Flow (GPD) (b)</b>	166	152	130	97	20	188	98	84	70	63	70
<b>Sewer capacity at point (gpm)</b>	240	240	240	240	240	240	240	240	240	240	83
<b>Safety factor</b>	1.45	1.58	1.85	2.47	12.24	1.28	2.45	2.84	3.41	3.79	1.19
<b>Note</b>	(c)	(d)	(d)	(d)	(d)	(e)	(d)	(d)	(d)	(d)	(f)

- (a) In this scenario, the Roseville lift station forcemain would be re-routed so that it typically discharges directly into the WWTP and the Sheetz Lift Station would be converted to have triplex pumps.
- (b) Computed using a peaking factor of 4 estimated from Harmon's Peaking Factor formula.
- (c) The Virginia Avenue Lift station will have triplex pumps which are capable of operating continuously. For the purpose of this calculation the capacity is based on two pumps running in series at 240 gpm at 52 ft TDH, assuming the third pump is held in reserve.
- (d) The sewer diameter is believed to be 8" at this location with an assumed slope of 1%. Capacity is assumed to be when the pipe is 50% full.
- (e) The Roseville Lift station will have duplex pumps which are capable of operating continuously. For the purpose of this calculation the capacity is based on a single pump running at ~200 gpm at 95 ft TDH, assuming the second pump is held in reserve.
- (f) The upgraded Sheetz Lift station will have triplex pumps which are capable of operating continuously. For the purpose of this calculation the capacity is based on two 2 HP grinder pumps running at 83 gpm at 62 ft TDH, assuming the third pump is held in reserve.

**Clarke County Sanitary Authority (CCSA) Water and Sewer Master Plan**

**APPENDIX E WATER CAPITAL IMPROVEMENT PROJECTS**

Revised: 10/20/2023

by Cort Hammond, Inboden Environmental Services

		Primary Driver Category (‡)	ENR Inflation Factor			
			End year of projection	2023	Reccomended Year of Implementation	Inflation Factor
Report Section	Project		2023			
					7.5%	
				2048		
			2023			
			Cost Basis			
6.1.1	Analyzer system corrections / lab area renovations	C.	\$ 5,016	2024	1.075	\$ 5,392
6.1.2	Membrane filtration (Memcor) module replacement	C.	\$ 23,606	2025	1.156	\$ 27,280
6.1.3	WTP building exterior renovations	C.	\$ 57,500	2026	1.242	\$ 71,432
6.1.4	New main flow meters and leak abatement	C.	\$ 258,100	2027	1.335	\$ 344,685
6.1.5	Upsized water main on Virginia Ave. with new connection to N. Greenway Ave.	B.	\$ 244,875	2028	1.436	\$ 351,550
6.1.6	Upsized water main along South Greenway Ave.	B.	\$ 415,463	2029	1.543	\$ 641,184
6.1.7	Upsized water main branching from Prospect Spring Ln.	B.	\$ 168,938	2030	1.659	\$ 280,276
6.1.8	Upsized water main branching along Howard Ln.	B.	\$ 88,875	2030	1.659	\$ 147,448
6.1.9	Replace White Post Water Tower	C.	\$ 1,521,000	2030	1.659	\$ 2,523,414
6.1.10	Upgrade to Three-Phase Power with the WTP expansion, new service, & easements	C.	\$ 702,000	2031	1.783	\$ 1,252,001
6.1.11	WTP Expansion / Filtration system replacement / overhaul	A.	\$ 1,604,625	2031	1.783	\$ 2,861,813
6.1.12	White Post Booster station renovation	C.	\$ 49,600	2040	3.419	\$ 169,600
6.1.13	White Post Fire Pump Station renovation	C.	\$ 62,400	2040	3.419	\$ 213,368
6.1.14	Water meter replacement	C.	\$ 200,200	2041	3.676	\$ 735,896
<b>Total</b>						<b>\$ 9,625,338</b>

(‡) The Primary Driver Categories are the three possible potential reasons for the capital improvement project which are as follows:

- A. Expansion needs due to new customers
- B. Expansion needs due to current customer demand
- C. Replacement/upgrade of equipment needed

**Clarke County Sanitary Authority (CCSA) Water and Sewer Master Plan**

<b>APPENDIX F SEWER CAPITAL IMPROVEMENT PROJECTS</b>						
<b>Revised: 10/20/2023</b>						
<b>by Cort Hammond, Inboden Environmental Services</b>						
			ENR Inflation Factor	7.5%		
			End year of projection	2048		
Report Section	Project	Primary Driver Category (‡)	2023 Cost Basis	Reccomended Year of Implementation	Inflation Factor	Capital Debt Expense at Implementation
5.2.1	Flow Eq. Control Repairs & Corrections	C.	\$ 32,016	2023	1.000	\$ 32,016
5.2.2	Building, Roof and Ventilation Repairs (Old Portion WWTP)	C.	\$ 445,000	2023	1.000	\$ 445,000
5.2.3	Membrane CIP system improvements	C.	\$ 8,880	2024	1.075	\$ 9,546
5.2.4	WWTP Primary Screening Refurbishment	C.	\$ 29,756	2024	1.075	\$ 31,988
5.2.5	Sheetz Lift Station Improvements (Short Term)	C.	\$ 13,464	2025	1.156	\$ 15,559
5.2.6	10-year Full Recoating of WWTP Tanks	C.	\$ 193,200	2025	1.156	\$ 223,267
5.2.7	Permeate Pump Skid rebuild	C.	\$ 30,553	2025	1.156	\$ 35,308
5.2.8	WWTP & VA-Ave Auto-dialer Upgrades	C.	\$ 7,958	2025	1.156	\$ 9,196
5.2.9	McDonalds Pump Station controls enclosure and renovation, lid/hatch	C.	\$ 27,490	2025	1.156	\$ 31,768
5.2.10	Virginia Avenue Lift Station Near-Term Upgrade -Controls, Piping, and Valves	B.	\$ 47,911	2026	1.242	\$ 59,520
5.2.11	Roseville Lift Station renovation Near-Term Upgrade -Controls, Piping, and Valves	B.	\$ 49,005	2026	1.242	\$ 60,879
5.2.12	Millwood grinder pump stations - 10 old grinder pumps stations	C.	\$ 87,728	2027	1.335	\$ 117,158
5.2.13	Handy Mart pump station Auto-dialer (for expanded usage)	A.	\$ 7,446	2027	1.335	\$ 9,944
5.2.14	Replacement of WWTP PLC controls (based on Veolia quote - Appendix I)	C.	\$ 120,000	2028	1.436	\$ 172,276
5.2.15	Manhole Risers Extension and repair (7 manholes)	C.	\$ 11,471	2028	1.436	\$ 16,468
5.2.16	Flow Equalization Capacity Improvements / Emergency storage	A.	\$ 187,790	2030	1.659	\$ 311,554
5.2.17	Patch old treatment tank coating and other skids (5 years after recoat)	C.	\$ 48,300	2030	1.659	\$ 80,132
5.2.18	Future MBR Membrane Replacement	C.	\$ 212,520	2030	1.659	\$ 352,581
5.2.19	10 year MBR Tank Recoating	C.	\$ 28,980	2030	1.659	\$ 48,079
5.2.20	Manhole Refurbishment (9 of 90 manholes each year for 10 years)	C.	\$ 45,540	2030	1.659	\$ 75,553
5.2.21	Sheetz Lift Station Long Term Upgrade to accommodate future development	A.	\$ 51,974	2030	1.659	\$ 86,228
5.2.22	Virginia Avenue Lift Station Long Term Upgrade	A.	\$ 316,406	2032	1.917	\$ 606,627
5.2.23	Roseville Lift Station renovation Long Term Upgrade	A.	\$ 450,266	2032	1.917	\$ 863,268
5.2.24	10-year Full Recoating of WWTP Tanks	C.	\$ 231,840	2035	2.382	\$ 552,192
5.2.25	WWTP Capacity upgrade	A.	\$ 1,564,200	2035	2.382	\$ 3,725,580
5.2.26	WWTP Building Repairs (WWTP)	C.	\$ 240,000	2038	2.959	\$ 710,131
5.2.27	Patch all tank coating and other skids (5 years after recoat)	C.	\$ 86,940	2040	3.419	\$ 297,279
5.2.28	10-year Full Recoating of WWTP Tanks	C.	\$ 237,888	2045	4.909	\$ 1,167,774
<b>Total</b>						<b>\$ 10,146,869</b>

(‡) The Primary Driver Categories are the three possible potential reasons for the capital improvement project which are as follows:

- A. Expansion needs due to new customers
- B. Expansion needs due to current customer demand
- C. Replacement/upgrade of equipment needed

CCSA Water and Sewer Master Plan  
APPENDIX G



## Clarke County Sanitary Authority

Roderick DeArment  
C. Wayne Armbrust  
Tom Bauhan  
Lee Coffelt  
Bryan Conrad

### **Waterloo Commercial District Sanitation Availability**

This memo is to serve as information on the current available usage for the Waterloo Commercial District. As of August 2023, below is what has been reserved by current properties along with what is available for new potential customers. This does not take in to account upgrades or expansion to usage that may occur in the future. Should future availability change, this document will need to be updated.

In 2000, 25,000 gallons per day for wastewater services was reserved for the area. This was calculated at 100 connections (250 gallons per day) available.

Four properties are currently using and/or have reserved a total of 15,500 gallons per day. The current remaining amount available is 9,500 gallons per day which equates to 38 connections at 250 gallons per day.

### **CCSA Administration**

P.O. Box 327  
129 Ramsburg Lane  
Berryville, VA 22611  
540-955-5185  
540-955-0456 (fax)

**APPENDIX H**  
**CCSA Water and Sewer Master Plan**

Allowable Number of Starts and Minimum Time Between Starts for NEMA  
Design A & Design B Motors

HP	2 Pole			4 Pole			6 Pole		
	A	B	C	A	B	C	A	B	C
1	15	1.2	75	30	5.8	38	34	15	33
1.5	12.9	1.8	76	25.7	8.6	38	29.1	23	34
2	11.5	2.4	77	23	11	39	26.1	30	35
3	9.9	3.5	80	19.8	17	40	22.4	44	36
5	8.1	5.7	83	16.3	27	42	18.4	71	37
7.5	7	8.3	88	13.9	39	44	15.8	104	39
10	6.2	11	92	12.5	51	46	14.2	137	41
15	5.4	16	100	10.7	75	50	12.1	200	44
10	4.8	21	110	9.6	99	55	10.9	262	48
25	4.4	26	115	8.8	122	58	10	324	51
30	4.1	31	120	8.2	144	60	9.3	384	53
40	3.7	40	130	7.4	189	65	8.4	503	57
50	3.4	49	145	6.8	232	72	7.7	620	64
60	3.2	58	170	6.3	275	85	7.2	735	75
75	2.9	71	180	5.8	338	90	6.6	904	79
100	2.6	92	220	5.2	441	110	5.9	1181	97
125	2.4	113	275	4.8	542	140	5.4	1452	120
150	2.2	133	320	4.5	640	160	5.1	1719	140
200	2	172	600	4	831	300	4.5	2238	265
250	1.8	210	1000	3.7	1017	500	4.2	2744	440

Where:

**A** = Maximum number of starts per hour

**B** = Maximum product of starts per hour times load WK<sup>2</sup> (Note this is also max. allowable inertia per NEMA)

**C** = Minimum rest or off time in seconds between starts

Allowable starts per hour is the lesser of A or B divided by the load WK<sup>2</sup> or

$$\text{Starts per hour} < A < \frac{B}{\text{Load WK}^2}$$

Note - The above table is based on the following conditions

- a. Applied voltage and frequency are in accordance with MG1, 12.44
- b. During the acceleration period, the connected load torque is equal to or less than a torque which varies as the square of the speed and is equal to 100% of rated torque at rated speed. (e.g. a variable torque load)
- c. External load WK<sup>2</sup> is equal to or less than the values listed in MG1, 12.54

For conditions which exceed the above parameters, the motor manufacturer should be consulted

**Published by L&B Electric Limited:**

**<https://landbelectric.com/download-document/78-maximum-nema-inertia-starts.html>**



## APPENDIX I

### CCSA Water and Sewer Master Plan

# Boyce WWTP - Controls Modernization

County of Clarke

317 West Main Street  
Berryville, VA 22611

06/02/2023

**For the Attention of: Mark Inboden**

**Our Reference: 552427**

Dear Mark Inboden,

Veolia Water Technologies & Solutions is pleased to provide County of Clarke with the attached proposal for the Boyce WWTP - Controls Modernization project in Boyce, VA United States. In developing this quotation, Veolia worked with County of Clarke in an effort to understand your project and business needs. The attached proposal outlines the solution we feel will best meet these objectives.

We greatly appreciate your consideration of Veolia for this project. Our measure of success is how well we deliver solutions that help our customers meet their critical business objectives. We hope to have the opportunity to demonstrate this with County of Clarke.

I will be calling you to discuss our proposal and provide any additional information that may help your evaluation. Until then, please contact me if you have any questions.

Yours sincerely,

Matthew Stapleford  
Regional Lifecycle Manager  
(905) 334-4035  
matthew.stapleford@veolia.com

cc: Laura Alcazar  
Yuseph Montasser

Unless expressly agreed otherwise in writing, all our proposals, sales and order confirmation are subject to our terms and conditions of sale.

Proposal for

# County of Clarke

**Boyce WWTP - Controls Modernization**  
**Boyce, VA United States**

**Submitted to:**

**County of Clarke**

317 West Main Street

Berryville, VA, 22611

**Attention:** Mark Inboden

## Proposal #552427, Version 1

**Matthew Stapleford**

**Regional Lifecycle Manager**

**(905) 334-4035**

**matthew.stapleford@veolia.com**

cc

Laura Alcazar

Yuseph Montasser

**Submitted by:**

Zenon Environmental Corporation



## Confidential and Proprietary Information

Veolia submits the information contained in this document for evaluation by Customer only. Customer agrees not to reveal its contents except to those in Customer's organization necessary for evaluation. Copies of this document may not be made without the prior written consent of Veolia Management. If the preceding is not acceptable to Customer, this document shall be returned to Veolia.

## Validity

This proposal is valid for Thirty (30) days from proposal date. In absence of additional proposals pricing will be subject to Price Modification clause one year from proposal date.

## Trademark Notification

The following are trademarks of Water Technologies and Solution and may be registered in one or more countries:

+100, ABMet, Absolute.Z, Absolute.Za, AccuSensor, AccuTrak, AccuTrak PLUS, ActNow, Acufeed, ALGAECAP, AmmCycle, Apogee, APPLICATIONS ATLAS, AquaFloc, AquaMax, Aquamite, Aquaplex, AquaSel, Aquatrex, Argo Analyzer, AutoSDI, BENCHMARK, Betz, BetzDearborn, BEV Rite, BioHealth, BioMate, BioPlus, BIOSCAN, Bio-Trol, Butaclean, Certified Plus, CheckPoint, ChemFeed, ChemSensor, ChemSure, CHEX, CleanBlade, CLOROMAT, CoalPlus, COMP-METER, COMP-RATE, COMS (Crude Overhead Monitoring System), Continuum, CopperTrol, CorrShield, CorTrol, Custom Clean, Custom Flo, Cyto3, DataGuard, DataPlus, DataPro, De:Odor, DELTAFLOW, DEOX, DeposiTrol, Desal, Dianodic, Dimetallic, Dispatch Restore, Durasan, DuraSlick, Durasolv, Duratherm, DusTreat, E-Cell, E-Cellerator, ELECTROMAT, Embreak, EndCor, EXACT, FACT-FINDER, Feedwater First, Ferrameen, Ferroquest, FilterMate, Fleet View, FloGard, Flotrex, Flotronics, FoamTrol, FoodPro, Fore4Sight, ForeSight, FRONTIER, FS CLEAN FLOW, FuelSolv, Full-Fit, G.T.M., GenGard, VeoliaWaterSource, Glegg, Heat-Rate Pro, High Flow Z, HPC, HPD Process, HyperSpense, Hypure, Hytrex, InfoCalc, InfoScan, InfoTrac, InnovOx, InSight, IONICS, IONICS EDR 2020, IPER (Integrated Pump & Energy Recovery), iService, ISR (Integrated Solutions for Refining), JelClear, KlarAid, Kleen, LayUp, Leak Trac, Leakwise, LEAPmbr, LEAPprimary, Learning Source, LOGIX, LoSALT, M-PAK, MACCarrier, Mace, Max-Amine, MegaFlo, Membrex, MemChem, Memtrex, MerCURxE, MetClear, MiniWizard, MK-3, MOBILEFLOW, MobileRO, Modular Pro, ModuleTrac, MonitAll, Monitor, Monitor Plus, Monsal, MP-MBR, MULTIFLOW, Muni.Z, NEWater, NGC (Next Generation Cassette), Novus, NTBC (Non Thermal Brine Concentrator), OptiGuard, OptiSpense, OptiTherm, Osmo, Osmo PRO, Osmo Titan, Osmonics, Pacesetter, PaceSetter, Petroflo, Petromeen, pHlimPLUS, PICOPORE, PlantGuard, PolyFloc, PowerTreat, Predator, PRO E-Cell, Pro Elite, ProCare, Procera, ProChem, Proof Not Promises, ProPAK, ProShield, ProSolv, ProSweet, Purtrex, QSO (Quality System Optimization), QuickShip, RCC, RE:Sep, Rec-Oil, Recurrent, RediFeed, ReNEW, Renewell, Return on Environment, RMS (Rackless Modular System), ROSave.Z, SalesEdge, ScaleTrol, SeaPAK, SeaPRO, SeaSMART, Seasoft, SeaTECH, Selex, Senticore, Sentinel, Sepa, Sevenbore, Shield, SIDTECH, SIEVERS, SmartScan, SoliSep, SolSet, Solus, Spec-Aid, Spectrus, SPLASH, Steamate, SteriSafe, Styrex, SUCROSOFT, SUCROTEST, Super Westchar, SuperStar, TFM (Thin Film Membrane), Therminator, Thermoflo, Titan RO, TLC, Tonkaflo, TraveLab, Trend, TruAir, TrueSense, TurboFlo, Turboline, Ultrafilic, UsedtoUseful, Vape-Sorber, VeriFeed, VersaFlo, Versamate, VICI (Virtual Intelligent Communication Interface), V-Star, WasteWizard, WATER FOR THE WORLD, Water Island, Water-Energy Nexus Game, WaterGenie, WaterNODE, WaterNOW, WaterPOINT, WellPro.Z, XPLEat, YieldUp, Z-BOX, Z-MOD, Z-PAK, Z-POD, ZCore, ZeeBlok, ZeeLung, ZeeWeed, ZENON, and Z.Plex.

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## 1. Executive Summary

This document provides all commercial and technical details for the water treatment solution proposed by Veolia Water Technologies & Solutions for the Boyce WWTP - Controls Modernization project at County of Clarke. During communication with plant personnel regarding this project, several needs were identified. Veolia will do the following:

- ❑ Upgrade the current CPU to new RX31 CPE330 (include rack and power supplies)
- ❑ Replace Genius Bus I/O with PROFINET I/O communication
- ❑ Upgrade iFix HMI/IPC to updated version
- ❑ Replace the current IPC (Industrial PC)

The customer is responsible for removing the current CPU rack/IPC, installing the newly supplied rack, CPU, power supplies, PROFINET scanners, HMI/IPC and connecting PROFINET network by standard Ethernet cables. Veolia has designed a solution based on your unique technical requirements and general business objectives.

## 2. Veolia Scope of Supply

### 2.1 Scope of Supply

The controls upgrade consists of the components described in this section.

Description	Quantity
<b>PLC Parts</b>	
RX3I CPE330 with Energy Pack (Kit)	1
RX3I – 7 Slot Universal	1
RX3I AC Power Supply 40 Watt	1
VersaMax PROFINET Scanner with Two 10/10	5
Power Supply with AC EXP 3.3V	5
<b>Industrial PC</b>	
15" LCD Panel	1
iFix v2023 Plus Runtime Unlimited Points with IGS	1
<b>PLC Spare Parts</b>	
RX3I CPE330 with Energy Pack (Kit)	1
RX3I – 7 Slot Universal	1
RX3I AC Power Supply 40 Watt	1
VersaMax PROFINET Scanner with Two 10/10	1
Power Supply with AC EXP 3.3V	1
Input 120VAC (2 Groups 120V AC POS/LOG 16PT)	1
Output Relay 2.0A PER ISO 16PT	1
Analog Input 15 BIT Differential Current 8 Channel	1
Analog Output 13 BIT Current 8 Channel	1
<b>Labor</b>	
Hours, Remote Update Electrical Drawings	8
Hours, Remote PLC Configuration & Programming	40
Hours, Remote HMI Upload & Setup	24
Hours, Onsite Commissioning	20

### 2.2 Quality Basis

For the purposes of establishing a quality basis for equipment supply, reference is made herein to particular equipment manufactured by certain suppliers. The term “or equal” where used herein shall be deemed to mean “Veolia Approved Equivalent.” Veolia reserves the right to substitute equipment that Veolia considers to be of equal quality and suitability for the intended application from alternative suppliers to those named herein. With regard to determining the suitability or otherwise of any particular manufacturer’s equipment for inclusion as part of water treatment systems, Veolia’s decision shall be final.

### 3. Commercial Offer

#### 3.1 Pricing Table

Pricing for the proposed equipment, consumables, and / or services is summarized in the table below.

**Base Price**

Qty	Description	Extended Price
1	Controls Upgrade	\$111,162.00
<b>Total Price</b>		<b>\$111,162.00</b>

#### 3.2 Freight

All pricing is EXW (INCOTERMS 2010) from designated factory.

#### 3.3 Invoicing and Payment Terms

Terms are 60% invoiced with acceptance of order and 40% invoiced upon commissioning, with credit approval and contingent on receipt of initial milestone payment.

Invoices are due upon receipt.

#### 3.4 Equipment Shipment and Delivery

If an equipment shipment estimate is required, please contact Application Engineering. Veolia would like to note that under the current exceptional circumstances under the COVID 19 Pandemic situation, Veolia may not be in a position to guarantee and comply with the planned schedule for project delivery or performance and that should there be any new measures taken by any governmental authority which may impede or delay the said schedule or performance, Veolia reserves the right to modify the schedule / contract accordingly. Veolia will promptly inform you of any changes which may impact the contract or the project. The Buyer and Seller will arrange a kick-off meeting after contract acceptance to develop firm shipment schedule. Title and risk of loss will transfer upon delivery in accordance with EXW (INCOTERMS 2010) designated factory.

#### 3.5 Pricing Notes

- ❑ All prices quoted are in USD.
- ❑ Any sales or value added tax is not included.
- ❑ The customer will pay all applicable local, state, provincial, or federal taxes and duties as provided in Veolia’s Standard Terms and Conditions of Sale.
- ❑ The equipment delivery date, start date, and date of commencement of operations are to be negotiated.
- ❑ Commercial terms and conditions shall be in accordance with Veolia’s Standard Terms and Conditions of Sale.
- ❑ This proposal and the rates provided herein are subject to final site, environmental, Veolia compliance check, and financial due diligence by Veolia.
- ❑ This proposal supersedes all previous proposals and correspondence.

- ❑ Seller’s price and delivery schedule are based on the assumption that Buyer will take delivery as and when foreseen by the schedule. Where this is not the case, the Parties must agree in advance an alternative place of delivery, failing which the Seller will be entitled to ship the equipment to storage. Buyer shall issue a Change Order to take into account any additional cost or delay incurred by Veolia in implementing this change.
- ❑ Seller may manufacture and source the Equipment and any part thereof globally in the country or countries of its choosing, provided that the Equipment complies with all of the requirements specified in this Agreement.

### 3.6 Conditional Offering

Customer understands that this proposal has been issued based upon the information provided by customer, and currently available to, Veolia at the time of proposal issuance. Any changes or discrepancies in site conditions (including but not limited to system influent water characteristics, changes in environmental, health, and safety (EH&S) conditions, and/or newly discovered EH&S concerns), Customer financial standing, Customer requirements, or any other relevant change, or discrepancy in, the factual basis upon which this proposal was created, may lead to changes in the offering, including but not limited to changes in pricing, warranties, quoted specifications, or terms and conditions. Veolia’s offering in the proposal is conditioned upon a full Veolia EH&S and Customer financial review.



---

## Appendix A. Clarifications

### A.1 Support Clarification

Veolia would like to note the following support clarifications:

1. The onsite commissioning requires a minimum of one day of shutdown during upgrade.
  2. Veolia would like to note that critical spare parts are included in the base price due to extensive lead time for hardware.
  3. The customer is responsible for ensuring that the new IPC is compatible with the existing cutout.
  4. The proposal assumes all material and installation required to complete the scope of work defined in the executive summary to be completed by customer or customer's designate.
  5. On-time completion of Veolia's startup and commissioning services requires satisfactory mechanical and electrical installation of all supplied equipment by customer. If additional service time is required for Veolia's commissioning scope due to customer's changes in scope or delays in completion of installation, additional charges will apply, billed at Veolia's Field Service Labor Rates. To ensure personnel availability, Veolia requires a minimum of two weeks' advance notice to schedule equipment start-ups.
  6. The total hours assumes no weekends or a holiday are required and is based on an eight-hour workday and is an estimate of time needed to complete the above tasks and does not constitute a guaranteed number of service days should the tasks take less time than estimated.
  7. In the event that additional time is required onsite or remotely it will be discussed with customer and extra charges will apply at current Veolia engineering rates.
5. Any item not described in this proposal is excluded from Veolia's scope.

## Appendix B. Customer Scope of Supply

All delivery or services not specified in the Veolia Scope of Supply are included in the Customer Scope of Supply.

### B.1 Safety and Environmental

- First aid and emergency medical response
- Eyewash and safety showers in the water treatment area
- Chemical spill response
- Security and fire protection systems per local codes
- Environmental use and discharge permits for all chemicals at the customer facility either listed in this document or proposed for use at a later date
- Any special permits required for Veolia or Customer employees to perform work related to the water treatment system at the facility
- All site testing, including soil, ground and surface water, air emissions, etc.
- Disposal of all solid and liquid waste from the Veolia System
- The Customer will identify and inform Veolia personnel of any hazards present in the work place that could impact the delivery of Veolia's scope of supply and agrees to work with Veolia to remove, monitor, and control the hazards to a practical level.
- The Customer will provide training to Veolia's personnel on all relevant and standard company operating procedures and practices for performing work on site. Such training programs may include, but are not limited to, general environmental health and safety (EHS), HAZOP, fire protection, drug testing, incident notice, site conduct, standard first aid, chemical receiving, electrical safety, etc. Customer will provide a certificate of training for Veolia personnel. This program will be fully documented, training materials will be provided, and attendance list will be kept.

### B.2 Jobsite and Installation Review

- Review of Veolia supplied equipment drawings and specifications
- Overall plant design, detail drawings of all termination points where Veolia equipment or materials tie into equipment or materials supplied by others
- Stamping, signing or sealing of general drawings as per Federal, State, Provincial or local regulations or codes (excludes structural designs – where required)
- All easements, licenses and permits required by governmental or regulatory authorities in connection with the supply, erection and operation of the system
- All applicable civil design and works, including any building, site preparation, grading, excavations, foundations, and trenches and accessories
- All electrical labor and supplies leading up to jobsite, including fittings, conduit, supports, cable trays, wire and hardware, and air conditioned panels as required for installation and ongoing operations
- All labor and supplies leading up to jobsite including fittings, conduit, supports, cable trays, wire and hardware required to appropriately ground / earth the equipment as required for installation and ongoing operations
- All mechanical labor and supplies leading up to the jobsite including interconnecting piping, heat tracing (if required), fittings, conduit, pipe supports, and hardware as required for installation and ongoing operations

- All instrumentation and automatic pneumatic valves including, but not limited to, air / sample line tubing, fittings, conduit, supports, isolating valves leading up to jobsite and between Veolia-supplied skids and hardware as required for installation and ongoing operations
- Loading, unloading and transportation of the equipment and materials required for Veolia to perform the duties outlined in the Veolia Scope of Supply to the jobsite and/or warehouse
- All access structures (scaffolding) and mechanical lifting equipment (cranes, forklifts, and scissor lifts)
- Providing a suitable site/shelter for the placement of the proposed equipment, either inside appropriate housing, or outdoors, taking into account the local and seasonal climatic conditions. Note: electrical and controls equipment, including the PLC, may require air-conditioned rooms or enclosure to prevent overheating of sensitive electronic equipment or damage to LCD screens and care should be taken to shield or locate control cables away from high power cables to prevent interference.
- Receiving, off-loading, logging, and storing all chemicals and materials in accordance with Manufacturer's recommendation that are shipped to the site
- Compressed instrument air for pneumatic valves and instruments
- Equipment anchor bolts
- Telephone / fax / modem access for Veolia staff while on site
- Laboratory services, operating and maintenance personnel during equipment check out, start-up and operation
- Any on-site painting or touch-up painting of equipment supplied
- Disposal of membrane preservative
- Unless specified elsewhere in this document, variable frequency drives (VFD), motor control centers (MCC), and motor control enclosures (MCE)
- SCADA / DCS to control Veolia-supplied equipment. Veolia shall supply a functional logic description (control narrative)
- Configuration of instrument and PLC signals from the water treatment system to the plant DCS or PLC

### B.3 Facility Management

- Warehouse storage space and facilities, as are available at the site, and are reasonably appropriate to store parts, consumables, tools, etc. in accordance with manufacturers' recommendations. Such warehouse storage space will be a segregated area, secured and protected from adverse climate as may be reasonably required. Customer will be responsible for risk of loss of Veolia's parts while in storage at the site. Customer will maintain Veolia's parts stored at the site free and clear of any and all liens of Customer and Customer's lenders, bondholders, contractors, and other creditors of any nature.
- Free access and egress of the facility for all authorized work for Veolia staff
- Workshop facilities with standard workshop tools and equipment, as is reasonably appropriate, that are necessary to meet the repair and maintenance requirements of the system. Such equipment includes, but is not limited to, benches, vices, drill press, electric saws, hand tools, power tools, pneumatic tools, etc.
- All access structures (scaffolding) and mechanical lifting equipment (cranes, forklifts, and scissor lifts)
- Adequate illumination and emergency lighting for all areas in which Veolia staff will be executing the scope of supply
- Equipment for movement of chemical drums, totes, and resin, as is reasonable
- All site utilities such as raw water, instrument quality air, potable water, and power required for operation of the proposed equipment included in this scope of supply.



# Finance Committee Agenda

Berryville-Clarke County Government Center, 2<sup>nd</sup> Floor  
101 Chalmers Court, Berryville, Virginia 22611

February 12, 2024, Immediately following Work Session

Item	Description	Page
A.	<u>Bills and Claims:</u> (see attached) The Finance Committee should consider recommending approval of the January 2024 Invoice History Report.	77
B.	<u>Standing Reports:</u>	
	– Year to Date Budget Report	87
	– Reconciliation of Appropriations Report	106
	– Capital Projects Report	107

**Clarke County**  
**FY 24 Invoice History Report**  
**January 31, 2024**

VENDOR NAME	ACCOUNT DESC	FULL DESC	INVOICE DATE	AMOUNT
ACAR LEASING LTD	Personal Property Tax Current		1/24/2024	477.28
<b>ACAR LEASING LTD Total</b>				<b>477.28</b>
Adolph Kiefer & Asso	Pool Mat & Sup	rescue tube umbrellas	1/12/2024	682.82
<b>Adolph Kiefer &amp; Asso Total</b>				<b>682.82</b>
Amazon Acct	County Adm Mat & Sup	mop for registrars office	1/22/2024	36.93
	EMS Mat & Sup	OUTFINE Office Chair Executive Office Chair Desk C	12/21/2023	139.99
	Maintenanc Mat & Sup	maintenance office supplies	1/7/2024	167.42
	Programs Mat & Sup	black lights, glow basketballs, tablecloths, pole	1/17/2024	17.58
	Rec Center Mat & Sup	black lights, glow basketballs, tablecloths, pole	1/17/2024	230.06
	Sheriff Mat & Sup	ECC kitchen equipment	1/15/2024	138.16
	Sheriff Mat & Sup	ECC kitchen equipment	1/14/2024	495.71
	Sheriff SOS Mat & Sup	office supplies	12/10/2023	119.70
	Sheriff SOS Mat & Sup	Police Supplies	1/10/2024	66.98
	JAS Finance Mat & Sup	ITEM: NextDayLabels - 100 Self Seal Envelopes for	12/14/2023	171.03
	Sheriff ETK Mat & Sup	Police Supplies	1/10/2024	390.25
	Pool Mat & Sup	black lights, glow basketballs, tablecloths, pole	1/17/2024	40.50
	Plan Adm Mat & Sup	Logitech M185 Wireless Mouse, 2.4GHz with USB Mini	12/16/2023	20.48
	Sheriff DCJS SUPPLS Equip Grt	Pistol Accesories - ARPA Funds	12/19/2023	1,990.81
<b>Amazon Acct Total</b>				<b>4,025.60</b>
American Tower	Sheriff Leases & Rentals	Tower, Transmittal, Antennae L	1/1/2024	2,737.58
<b>American Tower Total</b>				<b>2,737.58</b>
APCO	Sheriff Dues & Memb	Membership - Hess, Sams, White	1/11/2024	312.00
<b>APCO Total</b>				<b>312.00</b>
AppRiver	Sheriff Pur Svcs	Monthly Service	1/19/2024	52.50
<b>AppRiver Total</b>				<b>52.50</b>
At&t	IT Telephone	Cell Phones-School/Gov Acct 28	12/18/2023	47.96
	IT Telephone	Cell Phones-School/Gov Acct 28	1/18/2024	47.97
	IT Telephone	Data Package/Cellular-Govt-12/23	1/4/2024	36.79
	Maintenanc Telephone	Cell Phones-School/Gov Acct 28	12/18/2023	44.19
	Maintenanc Telephone	Cell Phones-School/Gov Acct 28	1/18/2024	44.21
	Sheriff Leases & Rentals	FEMA Fiber Connection	12/31/2023	2,207.02
	Sheriff Leases & Rentals	FEMA Fiber Connection	1/1/2024	2,208.60
	Sheriff Telephone	Cell Phones-School/Gov Acct 28	12/18/2023	1,523.14
	Sheriff Telephone	Cell Phones-School/Gov Acct 28	1/18/2024	1,560.62
	Sheriff Telephone	Data Package/Cellular-Govt-12/23	1/4/2024	809.40
	Sheriff Telephone	replaces Verizon part of Gen911 prj 11/16-12/15/23	12/16/2023	1,702.19
	Sheriff Telephone	replaces Verizon part of Gen911 prj 9/16-10/15/23	10/16/2023	1,702.22
	County Adm Telephone	Cell Phones-School/Gov Acct 28	12/18/2023	46.71
	County Adm Telephone	Cell Phones-School/Gov Acct 28	1/18/2024	46.72
	Registrar Telephone	Cell Phones-School/Gov Acct 28	12/18/2023	46.71
	Registrar Telephone	Cell Phones-School/Gov Acct 28	1/18/2024	46.72
	Comm Atty Telephone	Cell Phones-School/Gov Acct 28	12/18/2023	83.34
	Comm Atty Telephone	Cell Phones-School/Gov Acct 28	1/18/2024	83.38
	EMS Telephone	Data Package/Cellular-Govt-12/23	1/4/2024	735.82
	Bldg Insp Telephone	Cell Phones-School/Gov Acct 28	12/18/2023	244.77
	Bldg Insp Telephone	Cell Phones-School/Gov Acct 28	1/18/2024	244.82
	AnimalShltr Telephone	Cell Phones-School/Gov Acct 28	12/18/2023	41.67
	AnimalShltr Telephone	Cell Phones-School/Gov Acct 28	1/18/2024	41.69
	Programs Telephone	Cell Phones-School/Gov Acct 28	12/18/2023	83.34
	Programs Telephone	Cell Phones-School/Gov Acct 28	1/18/2024	83.38
	Plan Adm Telephone	Data Package/Cellular-Govt-12/23	1/4/2024	73.58
	Econ Dev Telephone	Cell Phones-School/Gov Acct 28	12/18/2023	41.67
	Econ Dev Telephone	Cell Phones-School/Gov Acct 28	1/18/2024	41.69
	VictimWit Telephone	Cell Phones-School/Gov Acct 28	12/18/2023	41.67
	VictimWit Telephone	Cell Phones-School/Gov Acct 28	1/18/2024	41.69
	EMS LEMPG Grant-Telephone	Cell Phones-School/Gov Acct 28	12/18/2023	635.75
	EMS LEMPG Grant-Telephone	Cell Phones-School/Gov Acct 28	1/18/2024	169.80
	Gen911 Telephone	replaces Verizon part of Gen911 prj 11/16-12/15/23	12/16/2023	2,491.27
	Gen911 Telephone	replaces Verizon part of Gen911 prj 9/16-10/15/23	10/16/2023	2,491.21
<b>At&amp;t Total</b>				<b>19,791.71</b>
Atlantic Emergency	Fire/EMS SCBA's	Fire-EMS thermal imagers-CIP match	1/8/2024	9,126.09
<b>Atlantic Emergency Total</b>				<b>9,126.09</b>
Atlantic Tactical	Sheriff Ammunition	Ammunition	12/26/2023	328.80
	Sheriff Ammunition	Winchester Ranger 12 Gauge slug - 5 rounds per box	12/8/2023	137.64
<b>Atlantic Tactical Total</b>				<b>466.44</b>
Avenity Inc	Avenity-TaxSoftwareReplacement	Implementation of Avenity's Co	1/17/2024	12,786.35
<b>Avenity Inc Total</b>				<b>12,786.35</b>
AZIMI MUSTAFA	Real Property Tax Current		1/10/2024	960.11
<b>AZIMI MUSTAFA Total</b>				<b>960.11</b>

**Clarke County**  
**FY 24 Invoice History Report**  
**January 31, 2024**

VENDOR NAME	ACCOUNT DESC	FULL DESC	INVOICE DATE	AMOUNT
Bank of America	Comm Atty Dues & Memb	Annual Win-Fred Bar Dues	12/31/2023	150.00
	Sheriff Mat & Sup	Ear Pads-Communications	12/31/2023	14.98
	Plan Adm Mat & Sup	Three Webcams	12/31/2023	179.07
	Swimming Capital Outlay Replac	Swimming Fins/Kickboards	12/31/2023	614.80
<b>Bank of America Total</b>				<b>958.85</b>
BANKS JOYCE S	Real Property Tax Current		1/29/2024	174.72
<b>BANKS JOYCE S Total</b>				<b>174.72</b>
Belco Music Group LL	Programs Pur Svcs	Music Classes	1/17/2024	72.00
<b>Belco Music Group LL Total</b>				<b>72.00</b>
Berkeley Club Bevera	Comm Atty Mat & Sup	Water Bill January 2024	1/3/2024	37.59
	Comm Atty Mat & Sup	Water delivery on 1.29.2024	1/29/2024	37.59
	Maintenanc Water & Sewer	rm Berkeley Maint water	1/3/2024	32.04
	Parks Adm Leases & Rentals	water rental	1/11/2024	10.00
	Sheriff COS Mat & Sup	Water	1/3/2024	40.39
	Sheriff COS Mat & Sup	Water	1/29/2024	32.04
	Sheriff COS Mat & Sup	Cooler Rental	1/12/2024	9.00
	Sheriff SOS Mat & Sup	Cooler Rental	1/12/2024	9.00
	Parks Adm Mat & Sup	Water	1/3/2024	32.04
	Parks Adm Mat & Sup	Water	1/29/2024	40.39
	County Adm Pur Svcs	cdm-BCCGC water cooler rental	1/10/2024	22.00
<b>Berkeley Club Bevera Total</b>				<b>302.08</b>
Berryville True Valu	AlRec Maint Mat & Sup	rm BH Rec Center nuts/washers	1/23/2024	4.64
	ChurchSt Maint Mat & Sup	rm BH 102 N Church T Sealant	1/9/2024	6.49
	ChurchSt Maint Mat & Sup	rm BH 102 N. Durabond blk enamel dish brush	1/12/2024	51.65
	ChurchSt Maint Mat & Sup	rm BH 102 N. Church foil tape slide lock	1/18/2024	12.98
	ChurchSt Maint Mat & Sup	rm BH 102 N. paint pail liners	1/23/2024	39.47
	ChurchSt Maint Mat & Sup	rm BH 102 N. Church gap crack foam	1/25/2024	5.99
	Electoral Mat & Sup	BLU Paint Tape	1/29/2024	33.94
	JGC Maintenance Mat & Sup	rm BH 101 Chalmers faucet	1/22/2024	53.29
	Maintenanc Mat & Sup	rm BH Maint screwdriver	1/25/2024	14.99
	Maintenanc Mat & Sup	rm BH Maint. poly lwn rake	12/13/2023	29.98
	Maintenanc Mat & Sup	rm BH Maint shovel 2 cycle oil	1/3/2024	67.92
	Maintenanc Mat & Sup	rm BH Maint mtl nozzle	1/8/2024	13.99
	Maintenanc Mat & Sup	rm BH 104 N. Church & Maint fliter square	1/10/2024	26.98
	Maintenanc Mat & Sup	rm BH Maint White Enamel	1/10/2024	5.89
	Maintenanc Mat & Sup	rm BH Maint nuts and washers	1/10/2024	3.06
	Maintenanc Mat & Sup	rm BH Maint stripper and pliers	1/10/2024	36.98
	Maintenanc Mat & Sup	rm BH 101 Chalmers faucet	1/22/2024	31.70
	104Church Maint Mat & Sup	rm BH 104 N. Church & Maint fliter square	1/10/2024	8.58
	Parks Adm Mat & Sup	Spreader	1/6/2024	54.99
	Parks Adm Mat & Sup	supplies	1/25/2024	32.99
<b>Berryville True Valu Total</b>				<b>536.50</b>
BKT Uniforms	Sheriff Uniform Sworn Staff	New Uniforms	1/10/2024	122.90
<b>BKT Uniforms Total</b>				<b>122.90</b>
Blackstone Roofing	Roofing Capital Outlay Replace	Roofing-Concession Stand and Pool House Reroof	12/28/2023	18,900.00
<b>Blackstone Roofing Total</b>				<b>18,900.00</b>
Blue Ridge Volunteer	Blue Ridge Vol Fire Co Contrib		1/3/2024	22,500.00
	Blue Ridge Vol FireFee for Svc	Fire-EMS Q2 mileage reimbursement	1/18/2024	2,990.19
<b>Blue Ridge Volunteer Total</b>				<b>25,490.19</b>
Boyce Volunteer Fire	Boyce Volunteer Fire Co Contr		1/3/2024	22,500.00
	Boyce Vol Fire Co Fee for Svc	Fire-EMS Q2 mileage reimbursement	1/18/2024	4,669.20
<b>Boyce Volunteer Fire Total</b>				<b>27,169.20</b>
Brown & Brown	Vol Fire Co Insurance	Fire-EMS auto policy renewal 2024	12/29/2023	64,400.00
<b>Brown &amp; Brown Total</b>				<b>64,400.00</b>
Buckley, Randy	Plan Com Board Member Fees	Attd @ 2024 PC Meetings 1/2/24 & 1/5/24	1/10/2024	100.00
<b>Buckley, Randy Total</b>				<b>100.00</b>
Cabinet & Appliance	524West Maint Mat & Sup	rm Cabinet & App ACO Dishwasher	1/9/2024	200.00
<b>Cabinet &amp; Appliance Total</b>				<b>200.00</b>
Cardillo, Robin Couc	Cnsrv Esmt Donation Pur Svcs	CEA Services December 2023	1/11/2024	160.00
<b>Cardillo, Robin Couc Total</b>				<b>160.00</b>
Carol Reece	Programs Refunds	refund	1/10/2024	21.00
<b>Carol Reece Total</b>				<b>21.00</b>
Circuit C Juror Pay	Circuit C Juror Pay	January 2024 Grand Jury	1/18/2024	300.00
<b>Circuit C Juror Pay Total</b>				<b>300.00</b>
City of Winchester	Juv Det Ctr Intergov Svc Agree	cdm-jdc operations FY24 Q2	1/10/2024	3,174.00
<b>City of Winchester Total</b>				<b>3,174.00</b>
Clarke County Sherif	Sheriff COS Mat & Sup	Sheriff's Office Petty Cash 10/1/23 - 1/18/24	1/18/2024	29.25
	Sheriff Mat & Sup	Sheriff's Office Petty Cash 10/1/23 - 1/18/24	1/18/2024	56.00
	Sheriff Postal Svcs	Sheriff's Office Petty Cash 10/1/23 - 1/18/24	1/18/2024	69.00

**Clarke County**  
**FY 24 Invoice History Report**  
**January 31, 2024**

VENDOR NAME	ACCOUNT DESC	FULL DESC	INVOICE DATE	AMOUNT
Clarke County Sherif	Sheriff PSU Mat & Sup	Sheriff's Office Petty Cash 10/1/23 - 1/18/24	1/18/2024	122.14
	Sheriff SOS Mat & Sup	Sheriff's Office Petty Cash 10/1/23 - 1/18/24	1/18/2024	32.49
<b>Clarke County Sherif Total</b>				<b>308.88</b>
Combs Wastewater Man	AlPool Maint Pur Svcs	rm Combs Pool Porta Potti	1/3/2024	75.00
<b>Combs Wastewater Man Total</b>				<b>75.00</b>
Comcast	IT Telecomm Online Tech	101 Chalmers Internet - 1/01-1/31	12/23/2023	218.91
<b>Comcast Total</b>				<b>218.91</b>
Commercial Press	Electoral Printing & Binding	AB #11Envelopes	1/19/2024	308.25
<b>Commercial Press Total</b>				<b>308.25</b>
Commissioners of Rev	Com of Rev Travel	legislataive days	1/2/2024	80.00
<b>Commissioners of Rev Total</b>				<b>80.00</b>
Copeland, David	Programs Pur Svcs	Foil Classes	1/4/2024	2,113.75
<b>Copeland, David Total</b>				<b>2,113.75</b>
Corelogic	General Overpayment Account	OPAY 2ND HALF 2023 RE TAX - US BANK	1/30/2024	586.80
	General Overpayment Account	OPAY 2ND HALF 2023 RE TAX - FLAGSTAR BNK	1/30/2024	586.20
	General Overpayment Account	OPAY 2ND HALF 2023 RE TAX -CENTRAL LOAN	1/30/2024	2,155.50
	General Overpayment Account	OPAY 2ND HALF 2023 RE TAX -SELECT PORTFOLIO	1/30/2024	2,532.60
	General Overpayment Account	OPAY 2ND HALF 2023 RE TAX -NATIONSTAR	1/30/2024	2,302.20
	General Overpayment Account	OPAY 2ND HALF 2023 RE TAX -SERVICEMAC	1/30/2024	2,007.00
	General Overpayment Account	OPAY 2ND HALF 2023 RE TAX -UNION HOME	1/30/2024	653.40
	General Overpayment Account	OPAY 2ND HALF 2023 RE TAX -ROCKET MORTGAGE	1/30/2024	945.30
	General Overpayment Account	OPAY 2ND HALF 2023 RE TAX -CITIZENS	1/30/2024	518.32
	General Overpayment Account	OPAY 2ND HALF 2023 RE TAX -SHELLPOINT	1/30/2024	960.11
<b>Corelogic Total</b>				<b>13,247.43</b>
Costco	County Adm Mat & Sup	Food/Supplies-County Luncheon	9/7/2023	146.36
<b>Costco Total</b>				<b>146.36</b>
County of Frederick	RefuseDisp Intergov Svc Agreem	County residence refuse Dec 2023	1/3/2024	680.99
	RefuseDisp Intergov Svc Agreem	New Citizens Center Refuse Dec 2023	1/2/2024	1,182.50
	RefuseDisp Intergov Svc Agreem	VDOT Clarke Refuse Dec 2023	1/3/2024	715.00
	RefuseDisp Intergov Svc Agreem	Refuse/container fee Nov 2023	12/21/2023	10,281.32
	RefuseDisp Intergov Svc Agreem	Refuse/container fee Nov 2023	1/22/2024	9,916.17
<b>County of Frederick Total</b>				<b>22,775.98</b>
County of Warren	RefuseDisp Intergov Svc Agreem	cdm-Shenandoah Farms refuse collection FY23Q4	1/9/2024	5,286.33
	RefuseDisp Intergov Svc Agreem	cdm-Shenandoah Farms Refuse Collection site	1/9/2024	11,418.48
<b>County of Warren Total</b>				<b>16,704.81</b>
COURTRIGHT BRYAN D	Real Property Tax Current		1/18/2024	385.00
<b>COURTRIGHT BRYAN D Total</b>				<b>385.00</b>
CQI Water Treatment	JGC Maint Contracts	Water Treatment Services for F	12/30/2023	152.05
	Maintenanc Maint Contracts	Water Treatment Services for F	12/30/2023	90.45
	ChurchSt Maint Contracts	Water Treatment Services for F	12/30/2023	997.00
<b>CQI Water Treatment Total</b>				<b>1,239.50</b>
CRAIG HANNAH	Real Property Tax Current		1/10/2024	357.06
<b>CRAIG HANNAH Total</b>				<b>357.06</b>
CTT Solutions	Sheriff Travel - Sworn Staff	Duty Pistol Course; 3 Deputies	1/11/2024	1,950.00
<b>CTT Solutions Total</b>				<b>1,950.00</b>
Daly Computers	IT Noncap Technology Hardware	JAS check printer	1/8/2024	955.00
	IT Tech SW/OL	ruckus ICX routing license	1/10/2024	546.00
<b>Daly Computers Total</b>				<b>1,501.00</b>
DAVID ENRIGHT	Real Property Tax Current		1/10/2024	322.80
<b>DAVID ENRIGHT Total</b>				<b>322.80</b>
DDL Business Sys	Coop Ext Maint Contracts	Copier Maint SN: 1435-Coop. Ex	12/22/2023	11.50
	Coop Ext Maint Contracts	Copier Maint SN: 1435-Coop. Ex	1/25/2024	13.97
	JAS IT Maint Contracts	Copier Maint. SN 9490-JAS	12/22/2023	80.50
	JAS IT Maint Contracts	Copier Maint. SN 9490-JAS	1/25/2024	80.50
	Maintenanc Maint Contracts	Copier Maint. SN 1891-Maintena	1/25/2024	18.20
	Clk of CC Maint Contracts	Copier Maint SN: 7940-Circuit	12/22/2023	32.17
<b>DDL Business Sys Total</b>				<b>236.84</b>
Dear, Karl	Sheriff Travel - Sworn Staff	Per Diem - Shooting Fundamentals Class	1/24/2024	180.50
<b>Dear, Karl Total</b>				<b>180.50</b>
DMV	Treasurer DMV Stop	December 2023 DMV Stops	12/31/2023	550.00
<b>DMV Total</b>				<b>550.00</b>
Doing Better Busines	Com of Rev Maint Contracts	Copier Maint: SN: 0051 Treasur	12/27/2023	74.54
	EMS Postal Services	Copier Maint: SN: 0051 Treasur	12/27/2023	74.53
	Parks Adm Leases & Rentals	Copier Maint: SN: 0724-CCPRD	12/28/2023	222.87
	Parks Adm Maint Contracts	Copier Maint: SN:0015-Child Ca	12/11/2023	37.50
	Parks Adm Maint Contracts	Copier Maint: SN:0015-Child Ca	1/8/2024	37.50
	Sheriff Maint Contracts	Copier Maint. SN: 1910-Sheriff	1/13/2024	301.36
	Treasurer Maint Contracts	Copier Maint: SN: 0051 Treasur	12/27/2023	74.54
	Bldg Insp Maint Contracts	Copier Maint. SN: 0098-Buildin	1/8/2024	262.50

**Clarke County**  
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VENDOR NAME	ACCOUNT DESC	FULL DESC	INVOICE DATE	AMOUNT
<b>Doing Better Busines Total</b>				<b>1,085.34</b>
DUGGAN PAUL WAYNE	Personal Property Tax Current		1/10/2024	327.84
<b>DUGGAN PAUL WAYNE Total</b>				<b>327.84</b>
Dunning, Buster	Plan Com Board Member Fees	Attd @ 2024 PC Meetings 1/2/24 & 1/5/24	1/10/2024	100.00
<b>Dunning, Buster Total</b>				<b>100.00</b>
eCore Software Inc	EMS Tech SW/OL	Fire-EMS ePro software lease Jan 2024	1/1/2024	327.15
<b>eCore Software Inc Total</b>				<b>327.15</b>
EDIX QUIJADAS	General Overpayment Account	CC REFUND	1/29/2024	238.00
<b>EDIX QUIJADAS Total</b>				<b>238.00</b>
Elite Power	JGC Maintenanc Pur Svcs	rm Elite Power 101 Chalmers Town Wing Generator Re	12/21/2023	1,591.02
	JGC Maintenanc Pur Svcs	rm Elite Power 101 Chalmers Ct County Wing Generat	12/21/2023	593.98
	Maintenanc Pur Svcs	rm Elite Power 101 Chalmers Town Wing Generator Re	12/21/2023	946.49
	Maintenanc Pur Svcs	rm Elite Power 101 Chalmers Ct County Wing Generat	12/21/2023	353.35
<b>Elite Power Total</b>				<b>3,484.84</b>
Emergency Medical	EMS Mat & Sup	Fire-EMS supply program	1/8/2024	318.89
	EMS Mat & Sup	Fire-EMS supply program	12/26/2023	562.07
	EMS Mat & Sup	Fire-EMS supply program	1/9/2024	134.04
<b>Emergency Medical Total</b>				<b>1,015.00</b>
Emmart Oil	309WMain Maint Heating	rm Emmart 309 W. Main Heating Oil	1/5/2024	1,439.60
	524West Maint Heating	rm Emmart 524 Westwood Rd Heating Oil	1/5/2024	879.24
<b>Emmart Oil Total</b>				<b>2,318.84</b>
Executive Emergency	Sheriff DCJS VEHICLE Equip Grt	install lights, etc in SO Vehicle	1/24/2024	2,732.81
<b>Executive Emergency Total</b>				<b>2,732.81</b>
FLEMING BRADLEY	Real Property Tax Current		1/10/2024	518.70
<b>FLEMING BRADLEY Total</b>				<b>518.70</b>
Frederick Water	Double Tollgate Pur Svcs	Double Tollgate services for 10/01/23 - 10/31/23	1/5/2024	80,000.00
	Double Tollgate Pur Svcs	Double Tollgate services for 11/01/23 - 11/30/23	1/5/2024	25,166.23
	Double Tollgate Pur Svcs	Double Tollgate services for 12/01/23 - 12/31/23	1/5/2024	10,000.00
<b>Frederick Water Total</b>				<b>115,166.23</b>
Frederick-Winchester	Sanitation Intergov Svc Agreeem	Dec 2023 Service charge / Inv 3666	1/9/2024	2,664.81
<b>Frederick-Winchester Total</b>				<b>2,664.81</b>
Galls/Best Uniforms	Sheriff PSU Mat & Sup	Police Supplies	1/3/2024	295.78
	Sheriff PSU Mat & Sup	Boots and Belt Attachments	1/3/2024	154.74
	Sheriff Uniform Sworn Staff	Boots and Belt Attachments	1/3/2024	386.96
	Sheriff Uniform Sworn Staff	Boots	1/4/2024	390.20
<b>Galls/Best Uniforms Total</b>				<b>1,227.68</b>
General Sales of Vir	Maintenanc Mat & Sup	rm General Sales Maint & ACO Cleaning Supplies	1/15/2024	1,018.48
	225Rams Maint Mat & Sup	rm General Sales Maint & ACO Cleaning Supplies	1/15/2024	299.56
	CustdlSrvcs Materials&Supplies	custodial supplies	1/8/2024	139.91
	CustdlSrvcs Materials&Supplies	custodial supplies	1/15/2024	80.81
<b>General Sales of Vir Total</b>				<b>1,538.76</b>
Glover, Robert P.	Plan Com Board Member Fees	Attd @ 2024 PC Meetings 1/2/24 & 1/5/24	1/10/2024	100.00
<b>Glover, Robert P. Total</b>				<b>100.00</b>
Gnosis Solutions, In	Sheriff Pur Svcs	EDUCATIONAL/TRAINING SERVICES	12/10/2023	20,175.33
<b>Gnosis Solutions, In Total</b>				<b>20,175.33</b>
Grainger Inc	Maintenanc Mat & Sup	rm Grainger Maint Batteries an Cloths	1/5/2024	131.88
<b>Grainger Inc Total</b>				<b>131.88</b>
Handley Regional	Handley Regional Library Contr		1/3/2024	81,497.25
<b>Handley Regional Total</b>				<b>81,497.25</b>
HAYES ALAN GRANT &	Real Property Tax Current		1/10/2024	648.00
<b>HAYES ALAN GRANT &amp; Total</b>				<b>648.00</b>
Hess, Pam	Sheriff Travel - Communication	Legislative Day - Communications	1/17/2024	250.28
<b>Hess, Pam Total</b>				<b>250.28</b>
Hillis-Carnes Engine	Plan Adm Pass Thru Eng Fees	KARST REVIEW/Double Tollgate	1/1/2024	500.00
	Plan Adm Pass Thru Eng Fees	RSTV-6687/466 Montana Hall Rd/TM 37-A-1/Almeter	1/1/2024	275.00
	Plan Adm Pass Thru Eng Fees	RSTV-374a/934 Russell Rd/TM 7-A-7/Cather	1/1/2024	275.00
	Plan Adm Pass Thru Eng Fees	RSTV-2585/1919 Castleman Rd/TM 16-A-46/Foster	1/1/2024	275.00
<b>Hillis-Carnes Engine Total</b>				<b>1,325.00</b>
HOLT HARLEY EMMETT	Personal Property Tax Current		1/10/2024	503.94
<b>HOLT HARLEY EMMETT Total</b>				<b>503.94</b>
HONAKER ROBERT MICHA	Real Property Tax Current		12/27/2023	1,288.50
<b>HONAKER ROBERT MICHA Total</b>				<b>1,288.50</b>
Hunt, Pearce W	Plan Com Board Member Fees	Attd @ 2024 PC Meetings 1/2/24 & 1/5/24	1/10/2024	100.00
<b>Hunt, Pearce W Total</b>				<b>100.00</b>
IACP Net	Sheriff Dues & Memb	Membership Dues - Travis Sumption	12/20/2023	190.00
<b>IACP Net Total</b>				<b>190.00</b>
IAPE	Sheriff Dues & Memb	Membership - Jim Herron	1/2/2024	65.00
	Sheriff Travel - Sworn Staff	Property/Evidence Refresher Course - Herron	1/16/2024	320.00
<b>IAPE Total</b>				<b>385.00</b>



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VENDOR NAME	ACCOUNT DESC	FULL DESC	INVOICE DATE	AMOUNT
Innovative Access Te	524West Maint Contracts	rm Innovative 524 Westwood 6 months fire alarm mon	12/1/2023	126.00
<b>Innovative Access Te Total</b>				<b>126.00</b>
John H Enders Fire	Enders Volunteer Fire Co Contr		1/3/2024	22,500.00
	Enders Vol Fire Co Fee for Svc	Fire-EMS Q2 mileage reimbursement	1/18/2024	31,361.20
<b>John H Enders Fire Total</b>				<b>53,861.20</b>
Johnston, Jane	Programs Pur Svcs	Senior Fitness Classes	1/17/2024	146.30
<b>Johnston, Jane Total</b>				<b>146.30</b>
Josephine School Com	Parks Adm Advertising	Donation	1/24/2024	250.00
<b>Josephine School Com Total</b>				<b>250.00</b>
Juniper Enterprises	EMS Vehicle Fuel	Fire-EMS chief vehicle inspection-maint	12/26/2023	109.83
	Maintenanc Mat & Sup	rm BAP Maint washer fluid	12/22/2023	27.96
	Maintenanc Mat & Sup	rm BAP Maint xtraclear	1/3/2024	22.18
	Maintenanc Mat & Sup	rm BAP Maint xtraclear mltn plug	1/3/2024	24.47
	Maintenanc Mat & Sup	rm BAP Maint 20 Flex 18-200	1/3/2024	35.82
	Maintenanc Mat & Sup	rm BAP Maint Snow broom	1/4/2024	19.49
	Maintenanc Mat & Sup	rm BAP Maint xtraclear, brush	1/5/2024	31.07
	Maintenanc Mat & Sup	rm BAP Maint truck wiper blades	1/5/2024	45.22
	Maintenanc Mat & Sup	BAP Maint xtraclear mltn plug - TYPO ADJ \$3	1/3/2024	3.00
	Sheriff Pur Svcs	Sheriff's Office Vehicle Repair - 2001	12/28/2023	750.00
	Sheriff Pur Svcs	Sheriff's Office Vehicle Repair - 1404	12/26/2023	96.00
	Sheriff Pur Svcs	Sheriff's Office Vehicle Repair - 1701	1/5/2024	344.00
	Sheriff Pur Svcs	Sheriff's Office Vehicle Repair - 2101	1/9/2024	271.00
	Sheriff Pur Svcs	Sheriff's Office Vehicle Repair - 1902	1/10/2024	61.00
	Sheriff Pur Svcs	Sheriff's Office Vehicle Repair - 1406	1/16/2024	171.00
	Sheriff Pur Svcs	Sheriff's Office Vehicles - 2101	1/24/2024	338.00
	Sheriff Pur Svcs	Sheriff's Office Vehicle Repair - 2002	1/25/2024	41.00
	Sheriff Pur Svcs	Sheriff's Office Vehicle Repair - 2201	1/25/2024	41.00
	Sheriff Pur Svcs	Sheriff's Office Vehicle Repair - 2103	1/29/2024	20.00
	Sheriff SOS Mat & Sup	Sheriff's Office Vehicle Repair	1/13/2024	4.28
	Sheriff VRP Mat & Sup	Sheriff's Office Vehicle Repair - 2001	12/28/2023	483.32
	Sheriff VRP Mat & Sup	Sheriff's Office Vehicle Repair - 1701	1/5/2024	787.41
	Sheriff VRP Mat & Sup	Sheriff's Office Vehicle Repair - 2101	1/9/2024	112.68
	Sheriff VRP Mat & Sup	Sheriff's Office Vehicle Repair - 1902	1/10/2024	112.50
	Sheriff VRP Mat & Sup	Sheriff's Office Vehicle Repair - 1406	1/16/2024	429.53
	Sheriff VRP Mat & Sup	Sheriff's Office Vehicles - 2101	1/24/2024	220.76
	Sheriff VRP Mat & Sup	Sheriff's Office Vehicle Repair - 2002	1/25/2024	52.33
	Sheriff VRP Mat & Sup	Sheriff's Office Vehicle Repair - 2201	1/25/2024	116.95
	Sheriff VRP Mat & Sup	Windshield Washer Fluid	1/24/2024	4.28
<b>Juniper Enterprises Total</b>				<b>4,776.08</b>
Justice Benefits Inc	SCAAP	SCAAP FY23 Award fee	1/10/2024	102.96
<b>Justice Benefits Inc Total</b>				<b>102.96</b>
Karl Riedel Architec	Circ Crthse Renovtn Eng & Arch	Courthouse/Eng Serv Contract Dec 2023	1/16/2024	5,105.88
<b>Karl Riedel Architec Total</b>				<b>5,105.88</b>
Kustom Signals Inc	Sheriff Pur Svcs	radar certification	1/3/2024	418.48
<b>Kustom Signals Inc Total</b>				<b>418.48</b>
Language Line Servic	Sheriff Pur Svcs	Interpretation Services	12/31/2023	262.11
<b>Language Line Servic Total</b>				<b>262.11</b>
Laurel Ridge CC	Laurel Ridge Comm College Cont		1/3/2024	4,230.25
<b>Laurel Ridge CC Total</b>				<b>4,230.25</b>
Lawrence Perry	Sheriff Generators	A/E Services-Emergency Generat	12/28/2023	6,080.00
<b>Lawrence Perry Total</b>				<b>6,080.00</b>
Lee, Frank	Plan Com Board Member Fees	Attd @ 2024 PC Meetings 1/2/24 & 1/5/24	1/10/2024	100.00
<b>Lee, Frank Total</b>				<b>100.00</b>
LexisNexis	Sheriff Pur Svcs	Monthly Service Billing ID 1661267	12/31/2023	104.00
	Sheriff Pur Svcs	Monthly Services - Billing ID 6714513	12/31/2023	200.00
<b>LexisNexis Total</b>				<b>304.00</b>
Logan Systems Inc	Clk of CC Microfilming	Indexing for December 2023	1/15/2024	294.38
<b>Logan Systems Inc Total</b>				<b>294.38</b>
Lord Fairfax Health	Local Health Dept Contribution		1/3/2024	56,250.00
<b>Lord Fairfax Health Total</b>				<b>56,250.00</b>
Lowes	Maintenanc Mat & Sup	rm Lowes Maint shop supplies	1/9/2024	125.30
	524West Maint Mat & Sup	rm Lowes ACo Post, concrete, brack for new signs	1/10/2024	181.26
<b>Lowes Total</b>				<b>306.56</b>
Malone, Gwendolyn	Plan Com Board Member Fees	Attd @ 2024 PC Meetings 1/2/24 & 1/5/24	1/10/2024	100.00
<b>Malone, Gwendolyn Total</b>				<b>100.00</b>
Mansfield Oil Co	Bldg Insp Vehicle Fuel	rm Mansfield Oil Fuel 12-16 to 12-31-23	1/3/2024	92.79
	County Adm Vehicle Fuel	rm Mansfield Oil Fuel 12-16 to 12-31-23	1/3/2024	116.00
	EMS Vehicle Fuel	rm Mansfield Oil Fuel 12-16 to 12-31-23	1/3/2024	1,251.34
	Maintenanc Vehicle Fuel	rm Mansfield Oil Fuel 12-16 to 12-31-23	1/3/2024	190.80

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VENDOR NAME	ACCOUNT DESC	FULL DESC	INVOICE DATE	AMOUNT
Mansfield Oil Co	Sheriff Vehicle Fuel	Fuel for 12/16 - 12/31/2023	1/3/2024	2,782.07
	AnimalShltr Vehicle Fuel	rm Mansfield Oil Fuel 12-16 to 12-31-23	1/3/2024	58.45
<b>Mansfield Oil Co Total</b>				<b>4,491.45</b>
Maryland Fire Equipm	FIRE/EMS Uniforms	Fire-EMS Class A uniforms	12/31/2023	705.95
	FIRE/EMS Uniforms	Fire-EMS uniforms	1/22/2024	753.18
<b>Maryland Fire Equipm Total</b>				<b>1,459.13</b>
MCCOWN KATHERINE	Real Property Tax Current		1/10/2024	516.30
<b>MCCOWN KATHERINE Total</b>				<b>516.30</b>
McDonald, Jerry C	Sheriff Travel - Sworn Staff	Per Diem - Shooting Fundamentals Class	1/24/2024	180.50
<b>McDonald, Jerry C Total</b>				<b>180.50</b>
MCKENNA MATTHEW PAUL	Real Property Tax Current		1/10/2024	1,401.90
<b>MCKENNA MATTHEW PAUL Total</b>				<b>1,401.90</b>
Meyercord Revenue	Treasurer Pur Svcs	Monthly Direct to Distributer	12/28/2023	25.00
<b>Meyercord Revenue Total</b>				<b>25.00</b>
Miller, Sue	Programs Pur Svcs	Chair Yoga Classes	1/17/2024	181.30
<b>Miller, Sue Total</b>				<b>181.30</b>
Motorola Solutions	Radio System Study Pur Svcs	Radio programing	12/19/2023	16,387.12
	Vehicle Repeaters CO Replaceme	RADIO COMMUNICATION EQUIPMENT, ACCESSORIES	12/19/2023	15,756.00
<b>Motorola Solutions Total</b>				<b>32,143.12</b>
Municipal Emergency	FIRE Personal Protection Equip	Fire-EMS fire PPE bunker gear	12/13/2023	19,610.90
<b>Municipal Emergency Total</b>				<b>19,610.90</b>
National Pools	Swimming -Zero Depth Entry	Pool Renovation and Repair	1/2/2024	165,125.00
<b>National Pools Total</b>				<b>165,125.00</b>
Northwest Virginia R	Drug Task Force Entity Gift	Fourth Quarter 2023 Expenses	1/4/2024	2,666.62
<b>Northwest Virginia R Total</b>				<b>2,666.62</b>
Northwestern Communi	NW Community Svc Entity Gift		1/3/2024	27,821.00
<b>Northwestern Communi Total</b>				<b>27,821.00</b>
Norvac Lock Tech	ChurchSt Maint Mat & Sup	rm Norvac 102 N. Church Test alarm lock	1/9/2024	45.00
<b>Norvac Lock Tech Total</b>				<b>45.00</b>
NSVSAC	N Shen Vally Sub Abuse Coal Co		1/3/2024	3,750.00
<b>NSVSAC Total</b>				<b>3,750.00</b>
Office Depot	Parks Adm Mat & Sup	Toner Cartridge	1/8/2024	165.29
<b>Office Depot Total</b>				<b>165.29</b>
Ohrstrom, George II	Plan Com Board Member Fees	Attd @ 2024 PC Meetings 1/2/24 & 1/5/24	1/10/2024	100.00
<b>Ohrstrom, George II Total</b>				<b>100.00</b>
Pitney Bowes	Clk of CC Postal Svcs	60-Month Lease of New Mailing	1/7/2024	171.30
	Sheriff Postal Svcs	Postage for Reserve Account 36060309	1/22/2024	300.00
	Treasurer Maint Contracts	Postage Machine-Treasurer FY20	12/29/2023	455.43
	JAS Finance Postal Svcs	Meter refill SN-1255013	1/5/2024	429.28
<b>Pitney Bowes Total</b>				<b>1,356.01</b>
Police and Sheriffs	Sheriff PSU Mat & Sup	Sheriff's Office ID	1/17/2024	17.60
	Sheriff PSU Mat & Sup	Sheriff's Office ID	1/19/2024	17.60
	Sheriff SOS Mat & Sup	IDs for all SO personnel	1/12/2024	535.90
<b>Police and Sheriffs Total</b>				<b>571.10</b>
PowerSecure Service	100 N Church Maint Pur Svcs	rm PowerSecure 100Spring Generator 4-17 to 5-14-23	1/8/2024	3,030.12
	100 N Church Maint Pur Svcs	PowerSecure 100 Spring Generator 05-15 to 6-11-23	1/8/2024	2,860.96
<b>PowerSecure Service Total</b>				<b>5,891.08</b>
Printelect	Electoral Printing & Binding	03052024 Ballot Printing	1/18/2024	3,449.91
<b>Printelect Total</b>				<b>3,449.91</b>
Putnam, Patricia	Sheriff Travel - Sworn Staff	Legislative Day Per Diem - Putnam	1/18/2024	96.00
<b>Putnam, Patricia Total</b>				<b>96.00</b>
Quarles Energy Servi	225Rams Maint Heating	rm Quarles 225 Ramsburg LP Gas	12/2/2023	407.25
	225Rams Maint Heating	rm Quarles ACO LP Gas	1/10/2024	480.62
	225Rams Maint Heating	rm Quarles ACO LP Gas	12/23/2023	336.58
	129Rams Maint Heating	rm Qualres 129 Ramsburg LP Gas	12/2/2023	262.21
	129Rams Maint Heating	rm Quarles 129 Ramsburg LP Gas	1/10/2024	455.03
<b>Quarles Energy Servi Total</b>				<b>1,941.69</b>
Radial Tire	Sheriff VRP Mat & Sup	Tires - 1404	12/22/2023	644.40
<b>Radial Tire Total</b>				<b>644.40</b>
Ramirez Landscape Ll	Maintenanc Maint Contracts	rm Ramirez County Mow for Nov 2023	1/3/2024	3,410.00
<b>Ramirez Landscape Ll Total</b>				<b>3,410.00</b>
Rappahannock Electri	104Church Maint Electric	rm REC County Elect 12-1 to 1-1-2024	1/5/2024	1,105.50
	129Rams Maint Electric	rm REC County Elect 12-1 to 1-1-2024	1/5/2024	193.66
	225Rams Maint Electric	rm REC County Elect 12-1 to 1-1-2024	1/5/2024	508.42
	309WMain Maint Electrical Svcs	rm REC County Elect 12-1 to 1-1-2024	1/5/2024	71.43
	311EMain Maint Electric	rm REC County Elect 12-1 to 1-1-2024	1/5/2024	688.66
	524West Maint Electric	rm REC County Elect 12-1 to 1-1-2024	1/5/2024	154.79
	AlBase Maint Electric	rm REC County Elect 12-1 to 1-1-2024	1/5/2024	25.24
	AlOff Maint Electric	rm REC County Elect 12-1 to 1-1-2024	1/5/2024	310.97

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VENDOR NAME	ACCOUNT DESC	FULL DESC	INVOICE DATE	AMOUNT
Rappahannock Electri	AlPool Maint Electric	rm REC County Elect 12-1 to 1-1-2024	1/5/2024	94.27
	AlRec Maint Electric	rm REC County Elect 12-1 to 1-1-2024	1/5/2024	1,888.79
	AlSoc Maint Electric	rm REC County Elect 12-1 to 1-1-2024	1/5/2024	36.43
	ChurchSt Maint Electric	rm REC County Elect 12-1 to 1-1-2024	1/5/2024	3,039.26
	JGC Maintenanc Electric	rm REC County Elect 12-1 to 1-1-2024	1/5/2024	5,138.02
	Maintenanc Electric	rm REC County Elect 12-1 to 1-1-2024	1/5/2024	3,056.58
	SWC Electrical Services	rm REC County Elect 12-1 to 1-1-2024	1/5/2024	151.37
	100 N Church Maint Electric	rm REC County Elect 12-1 to 1-1-2024	1/5/2024	829.92
<b>Rappahannock Electri Total</b>				<b>17,293.31</b>
Reed, Ryan	Plan Com Board Member Fees	Attd @ 2024 PC Meetings 1/2/24 & 1/5/24	1/10/2024	100.00
<b>Reed, Ryan Total</b>				<b>100.00</b>
Republic Services	JGC Maint Contracts	Waste Services-Gov't Dumpsters	12/31/2023	95.49
	LitterCtrl Pur Svcs	Waste Services-Gov't Dumpsters	12/31/2023	56.49
	Maintenanc Maint Contracts	Waste Services-Gov't Dumpsters	12/31/2023	1,060.84
	SWC Pur Svcs	Waste Services-Convenience Cen	12/31/2023	4,463.51
<b>Republic Services Total</b>				<b>5,676.33</b>
Ricoh Usa	Comm Atty Maint Contracts	Copier Maint SN: 3777-Comm.Att	12/21/2023	269.10
	Sheriff Maint Contracts	Copier Maint. SN: 9288-Sheriff	1/1/2024	32.66
	Sheriff Maint Contracts	Copier Maint. SN: 8373-Sheriff	1/21/2024	482.72
	AnimalShlt Maint Svc Contracts	Copier Maint. SN: 6454-Animal	1/1/2024	11.83
	District C Maint Contracts	Copier Maint. SN 4206-General	1/23/2024	706.61
	IT Maint Contracts	Copier Maint: SN: 8932	1/1/2024	325.00
	IT Maint Contracts	Copier Maint: SN: 8932	1/17/2024	16.25
<b>Ricoh Usa Total</b>				<b>1,844.17</b>
Riddleberger Bros	JGC Maint Contracts	Backflow Preventer Service	12/1/2023	188.10
	Maintenanc Maint Contracts	Backflow Preventer Service	12/1/2023	111.90
	104Church Maint Contracts	Backflow Preventer Service	12/1/2023	150.00
	AlRec Maint Contracts	Backflow Preventer Service	12/1/2023	150.00
	36EMain Maint Contracts	Backflow Preventer Service	12/1/2023	150.00
<b>Riddleberger Bros Total</b>				<b>750.00</b>
Ridgerunner Containe	SWC Pur Svcs	rm Ridgerunner CCCC Recycling Dec 23	12/31/2023	203.28
<b>Ridgerunner Containe Total</b>				<b>203.28</b>
Ridgeway Auto Body	Sheriff Pur Svcs	Vehicle Repair	12/1/2023	54.00
	Sheriff VRP Mat & Sup	Vehicle Repair	12/1/2023	100.00
<b>Ridgeway Auto Body Total</b>				<b>154.00</b>
Ronnie L. King	Plan Com Board Member Fees	Attd @ 2024 PC Meetings 1/2/24 & 1/5/24	1/10/2024	100.00
<b>Ronnie L. King Total</b>				<b>100.00</b>
Sands Anderson PC	Proceeds from Delinq Land Sale	Attorney Fees - 17A1-2-99	12/19/2023	25.39
	Proceeds from Delinq Land Sale	Attorney Fees - 17A222-160	12/19/2023	45.56
	Proceeds from Delinq Land Sale	Attorney Fees - 17A211-66 & 67	12/19/2023	357.40
	Proceeds from Delinq Land Sale	Attorney Fees - 30A-A-69	12/19/2023	821.86
<b>Sands Anderson PC Total</b>				<b>1,250.21</b>
Schenck Foods Compan	Programs Mat & Sup	supplies	1/9/2024	364.19
	Rec Center Merch for Resale	vending	12/18/2023	297.68
<b>Schenck Foods Compan Total</b>				<b>661.87</b>
Secure Shred	Sheriff Pur Svcs	Monthly Shred Services	1/1/2024	55.00
<b>Secure Shred Total</b>				<b>55.00</b>
Seniors First	Seniors First EntityGift		1/3/2024	10,500.00
<b>Seniors First Total</b>				<b>10,500.00</b>
Shade Equipment	Maintenanc Mat & Sup	rm Shade Equip Maint shear pin, bow tie cotter	1/12/2024	23.70
<b>Shade Equipment Total</b>				<b>23.70</b>
Shannon-Baum Signs I	Maintenanc Mat & Sup	rm Shannon Baum Mani. County Road Signs	12/21/2023	65.00
	Maintenanc Mat & Sup	rm Shannon Baum Maint Road Signs & Rivets	1/16/2024	320.00
<b>Shannon-Baum Signs I Total</b>				<b>385.00</b>
Sheckels, Sally	JAS Finance Mat & Sup	Pizza for W-2 meeting	1/26/2024	61.79
<b>Sheckels, Sally Total</b>				<b>61.79</b>
Sheehy Ford	Sher Veh Capital Outlay Replac	New Vehicles Upfit	11/29/2023	27,251.98
<b>Sheehy Ford Total</b>				<b>27,251.98</b>
Shentel	IT Leases & Rentals	Government Shentel Dark Fiber 1/01-1/31/24	1/1/2024	2,227.55
	IT Telecomm Online Tech	Government Shentel Dark Fiber 1/01-1/31/24	1/1/2024	988.12
	Maintenanc Telephone	Government Shentel Dark Fiber 1/01-1/31/24	1/1/2024	121.96
<b>Shentel Total</b>				<b>3,337.63</b>
SHEPHERD RACHEL VIRG	Motor Vehicle Licenses		1/29/2024	175.00
	Personal Property Tax Current		1/29/2024	2,621.00
	Personal Property Tax Delinq		1/29/2024	104.91
<b>SHEPHERD RACHEL VIRG Total</b>				<b>2,900.91</b>
Skyline Regional	Sheriff Travel - Sworn Staff	Police One Users/Academy	12/20/2023	818.75

**Clarke County**  
**FY 24 Invoice History Report**  
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VENDOR NAME	ACCOUNT DESC	FULL DESC	INVOICE DATE	AMOUNT
Skyline Regional	Sheriff Uniform Sworn Staff	Academy Uniforms	1/24/2024	413.59
<b>Skyline Regional Total</b>				<b>1,232.34</b>
Southern Refrigerati	AIRec Maint Mat & Sup	rm Southern Ref Rec Center lg capacitor	10/20/2023	72.00
<b>Southern Refrigerati Total</b>				<b>72.00</b>
SPRINGER ALLAN FELTO	Real Property Tax Current		1/29/2024	255.00
<b>SPRINGER ALLAN FELTO Total</b>				<b>255.00</b>
SRFAX	IT Tech SW/OL	Online Fax service 1/06/24 - 2/05/24	1/6/2024	70.97
<b>SRFAX Total</b>				<b>70.97</b>
Staelin, John	Plan Com Board Member Fees	Attd @ 2024 PC Meetings 1/2/24 & 1/5/24	1/10/2024	100.00
<b>Staelin, John Total</b>				<b>100.00</b>
Staples Technology S	Registrar Mat & Sup	Folders	12/31/2023	84.35
	District C Mat & Sup	Tn450 Cartridge	12/31/2023	54.00
	IT Mat & Sup	P-Touch Tape	12/30/2023	41.88
<b>Staples Technology S Total</b>				<b>180.23</b>
Stericycle	Com of Rev Pur Svcs	shredding Dec	1/4/2024	28.54
	Treasurer Pur Svcs	Shred Services - December 2023	12/25/2023	28.54
<b>Stericycle Total</b>				<b>57.08</b>
Stryker Medical	EMS Pur Svcs	FIRE PROTECTION EQUIPMENT AND SUPPLIES	1/5/2024	38,629.95
<b>Stryker Medical Total</b>				<b>38,629.95</b>
Suite Office Systems	IT Noncap Technology Hardware	Animal Shelter additional security cameras	1/4/2024	1,396.00
<b>Suite Office Systems Total</b>				<b>1,396.00</b>
Swank Motion Picture	Programs Pur Svcs	Movie nights-FY24	1/12/2024	455.00
<b>Swank Motion Picture Total</b>				<b>455.00</b>
Thomson Reuters	Comm Atty Dues & Memb	Thomson Reuters January 2024	1/1/2024	81.00
<b>Thomson Reuters Total</b>				<b>81.00</b>
Tiny Toes Dance	Programs Pur Svcs	Ballet/Jazz/Tap/Acro classes	1/17/2024	540.00
<b>Tiny Toes Dance Total</b>				<b>540.00</b>
TITUS ALVIN LEE	Personal Property Tax Current		1/18/2024	309.87
	Real Property Tax Current		1/18/2024	211.41
<b>TITUS ALVIN LEE Total</b>				<b>521.28</b>
Top of Virginia Regi	Econ Dev Dues & Memb	IF - Membership Dues	1/1/2024	300.00
<b>Top of Virginia Regi Total</b>				<b>300.00</b>
Town of Berryville	104Church Maint Water & Sewer	rm TOB Water and Sewer 104 N. Church St	12/22/2023	92.37
	129Rams Maint Water & Sewer	rm TOB Water and Sewer 129 Ramsburg Lane	12/22/2023	27.67
	309WMain Maint Water & Sewer	rm TOB Water and Sewer 309 W. Main St	12/22/2023	56.53
	311EMain Maint Water & Sewer	rm TOB Water and Sewer 313 E. Main St	12/22/2023	61.95
	311EMain Maint Water & Sewer	rm TOB Water and Sewer 311 E. Main St	12/22/2023	61.95
	AIOff Maint Water & Sewer	rm TOB Water and Sewer Park House	12/22/2023	227.95
	AIOff Maint Water & Sewer	rm TOB Water and Sewer LL Baseball	12/22/2023	30.93
	AIPool Maint Water & Sewer	rm TOB Water and Sewer Pool	12/22/2023	1,624.53
	AIRec Maint Water & Sewer	rm TOB Water and Sewer Rec Center	12/22/2023	163.24
	Court Fines & Forfeitures	Court Fines - November 2023	11/30/2023	70.00
	JGC Maintenanc Water & Sewer	rm TOB Water and Sewer 101 Chalmers Ct	12/22/2023	121.67
	Maintenanc Water & Sewer	rm TOB Water and Sewer 101 Chalmers Ct	12/22/2023	72.38
	Pyts to Town of Berryville	Local Sales Tax October 2023 (Recv'd Dec 2023)	12/15/2023	28,130.73
	Pyts to Town of Berryville	Local Sales Tax November 2023 (Recv'd Jan 2024)	1/29/2024	30,543.07
<b>Town of Berryville Total</b>				<b>61,779.06</b>
Town of Boyce	Pyts to Town of Boyce	Local Sales Tax October 2023 (Recv'd Dec 2023)	12/15/2023	4,741.85
	Pyts to Town of Boyce	Local Sales Tax November 2023 (Recv'd Jan 2024)	1/29/2024	5,148.49
<b>Town of Boyce Total</b>				<b>9,890.34</b>
Treasurer Of Virgini	Exam&Bury Pur Svcs	G. Smith	12/21/2023	20.00
	Dangerous Dog Registration	Dangerous Dog Registry 2024	1/10/2024	25.00
<b>Treasurer Of Virgini Total</b>				<b>45.00</b>
Truist Bank	AnimalShltr Mat & Sup	cdm-credit card Bldg, IT, CoAdmin, Econ, AShelter	1/9/2024	75.78
	Bldg Insp Mat & Sup	cdm-credit card Bldg, IT, CoAdmin, Econ, AShelter	1/9/2024	2,840.68
	County Adm Dues & Memb	cdm-credit card Bldg, IT, CoAdmin, Econ, AShelter	1/9/2024	499.85
	County Adm Travel	cdm-credit card Bldg, IT, CoAdmin, Econ, AShelter	1/9/2024	538.12
	Econ Dev Pur Svcs	cdm-credit card Bldg, IT, CoAdmin, Econ, AShelter	1/9/2024	128.82
	EMS Miscellaneous	Fire-EMS credit card statement 1/9/2024	1/9/2024	174.31
	EMS Postal Services	Fire-EMS credit card statement 1/9/2024	1/9/2024	65.75
	FIRE/EMS Uniforms	Fire-EMS credit card statement 1/9/2024	1/9/2024	226.40
	IT Tech SW/OL	cdm-credit card Bldg, IT, CoAdmin, Econ, AShelter	1/9/2024	337.29
	LitterCtrl Pur Svcs	Litter Committee: EPS Lids for Hot/Cold Cups	1/9/2024	282.30
	Plan Adm Postal Svcs	USPS - Frederick Water plans to Hillis-Carnes	1/9/2024	14.05
	Sheriff Mat & Sup	Monthly Statement	1/9/2024	1,136.41
	Sheriff Mat & Sup	Postage/class tuition/chrismas party	1/9/2024	3.95
	Sheriff Mat & Sup	Sheriff's Office Christmas Party	1/9/2024	642.59
	Sheriff Postal Svcs	Postage/class tuition/chrismas party	1/9/2024	51.75

**Clarke County**  
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VENDOR NAME	ACCOUNT DESC	FULL DESC	INVOICE DATE	AMOUNT	
Truist Bank	Sheriff PSU Mat & Sup	Monthly Statement	1/9/2024	171.61	
	Sheriff SOS Mat & Sup	Monthly Statement	1/9/2024	930.68	
	Sheriff Travel - Sworn Staff	Monthly Statement	1/9/2024	334.71	
	Sheriff Travel - Sworn Staff	Postage/class tuition/christmas party	1/9/2024	125.00	
	Sheriff Travel - Sworn Staff	Extradition - G Riggs from FLorida	1/9/2024	438.90	
	Sheriff Vehicle Fuel	Extradition - G Riggs from FLorida	1/9/2024	216.01	
	Sheriff VRP Mat & Sup	Monthly Statement	1/9/2024	471.88	
	Electoral Travel	Postage, Annual Meeting	1/9/2024	718.14	
	Electoral Postal Svcs	Postage, Annual Meeting	1/9/2024	660.00	
	County Adm Pur Svcs	cdm-credit card Bldg, IT, CoAdmin, Econ, AShelter	1/9/2024	440.58	
	Plan Adm Mat & Sup	Otter January 2024	1/9/2024	16.99	
	AnimalShltr Clothing	cdm-credit card Bldg, IT, CoAdmin, Econ, AShelter	1/9/2024	445.39	
	<b>Truist Bank Total</b>				<b>11,987.94</b>
	Unger, Joseph	Sheriff Vehicle Fuel	Gas	1/23/2024	80.01
<b>Unger, Joseph Total</b>				<b>80.01</b>	
United Healthcare In	Rev Rf Ambulance Svcs Refunds	Fire-EMS insurance overpayment	12/26/2023	86.07	
<b>United Healthcare In Total</b>				<b>86.07</b>	
US Postmaster	JAS Finance Postal Svcs	2 ROLLS OF FOREVER STAMPS FOR JAS	1/22/2024	136.00	
<b>US Postmaster Total</b>				<b>136.00</b>	
Vacorp	Rebates & Refunds - Other Veh	Return Credit received for HIC credit on LODA	1/16/2024	1,629.00	
<b>Vacorp Total</b>				<b>1,629.00</b>	
VALECO	Com of Rev Travel	valeco luncheon at legislative days	1/2/2024	25.00	
<b>VALECO Total</b>				<b>25.00</b>	
Valley Health	EMS Mat & Sup	Fire-EMS supply program	1/2/2024	2,046.01	
<b>Valley Health Total</b>				<b>2,046.01</b>	
Verizon	Clk of CC Telephone	phone bill - 3 accounts 12/26-1/25	12/25/2023	87.52	
	Clk of CC Telephone	phone bill - 3 accounts 01/26-2/25	1/25/2024	87.52	
	District C Telephone	phone bill - 3 accounts 12/26-1/25	12/25/2023	59.46	
	District C Telephone	phone bill - 3 accounts 01/26-2/25	1/25/2024	59.60	
	IT Telephone	phone bill - 3 accounts 12/26-1/25	12/25/2023	395.45	
	IT Telephone	phone bill - 3 accounts 01/26-2/25	1/25/2024	394.39	
	J&D Court Telephone	phone bill - 3 accounts 12/26-1/25	12/25/2023	58.89	
	J&D Court Telephone	phone bill - 3 accounts 01/26-2/25	1/25/2024	57.89	
	Maintenanc Telephone	phone bill - 3 accounts 12/26-1/25	12/25/2023	47.17	
	Maintenanc Telephone	phone bill - 3 accounts 01/26-2/25	1/25/2024	47.17	
	Sheriff Telephone	phone bill - 3 accounts 12/26-1/25	12/25/2023	268.16	
	Sheriff Telephone	Monthly Service - 850475046000159	12/31/2023	52.20	
	Sheriff Telephone	phone bill - 3 accounts 01/26-2/25	1/25/2024	255.44	
	County Adm Telephone	phone bill - 3 accounts 12/26-1/25	12/25/2023	12.00	
	County Adm Telephone	phone bill - 3 accounts 01/26-2/25	1/25/2024	12.00	
	Com of Rev Telephone	phone bill - 3 accounts 12/26-1/25	12/25/2023	8.00	
	Com of Rev Telephone	phone bill - 3 accounts 01/26-2/25	1/25/2024	8.00	
	Treasurer Telephone	phone bill - 3 accounts 12/26-1/25	12/25/2023	4.00	
	Treasurer Telephone	phone bill - 3 accounts 01/26-2/25	1/25/2024	4.00	
	Registrar Telephone	phone bill - 3 accounts 12/26-1/25	12/25/2023	4.00	
	Registrar Telephone	phone bill - 3 accounts 01/26-2/25	1/25/2024	4.00	
	Comm Atty Telephone	phone bill - 3 accounts 12/26-1/25	12/25/2023	16.00	
	Comm Atty Telephone	phone bill - 3 accounts 01/26-2/25	1/25/2024	16.00	
	EMS Telephone	phone bill - 3 accounts 12/26-1/25	12/25/2023	47.74	
	EMS Telephone	phone bill - 3 accounts 01/26-2/25	1/25/2024	47.89	
	Probation Telephone	phone bill - 3 accounts 12/26-1/25	12/25/2023	4.00	
	Probation Telephone	phone bill - 3 accounts 01/26-2/25	1/25/2024	4.00	
	Bldg Insp Telephone	phone bill - 3 accounts 12/26-1/25	12/25/2023	8.00	
	Bldg Insp Telephone	phone bill - 3 accounts 01/26-2/25	1/25/2024	8.00	
	AnimalShltr Telephone	phone bill - 3 accounts 12/26-1/25	12/25/2023	47.17	
	AnimalShltr Telephone	phone bill - 3 accounts 01/26-2/25	1/25/2024	47.17	
	Parks Adm Telephone	phone bill - 3 accounts 12/26-1/25	12/25/2023	71.17	
	Parks Adm Telephone	phone bill - 3 accounts 01/26-2/25	1/25/2024	72.03	
Plan Adm Telephone	phone bill - 3 accounts 12/26-1/25	12/25/2023	12.00		
Plan Adm Telephone	phone bill - 3 accounts 01/26-2/25	1/25/2024	12.00		
JAS Finance Telephone	phone bill - 3 accounts 12/26-1/25	12/25/2023	126.34		
JAS Finance Telephone	phone bill - 3 accounts 01/26-2/25	1/25/2024	126.34		
<b>Verizon Total</b>				<b>2,592.71</b>	
Veterinary Community	AnimalShltr Pur Svcs	cdm-k9 & fe vax	12/23/2023	395.00	
<b>Veterinary Community Total</b>				<b>395.00</b>	
Virginia Regional Tr	Virginia Regional Transit Cont		1/3/2024	6,240.00	
<b>Virginia Regional Tr Total</b>				<b>6,240.00</b>	
Virginia Sheriffs	Sheriff Travel - Sworn Staff	VSI Spring Conf Registration - Putnam	1/23/2024	350.00	
	Sheriff Travel - Sworn Staff	VSI Spring Conf Registration - Wyne	1/23/2024	350.00	

**Clarke County**  
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<b>VENDOR NAME</b>	<b>ACCOUNT DESC</b>	<b>FULL DESC</b>	<b>INVOICE DATE</b>	<b>AMOUNT</b>
Virginia Sheriffs	Sheriff Travel - Sworn Staff	VSI Spring Conf Registration - Nicolson L	1/26/2024	350.00
<b>Virginia Sheriffs Total</b>				<b>1,050.00</b>
VITA	Clk of CC Telephone	Dec phone bill 2023	1/8/2024	0.56
	District C Telephone	Dec phone bill 2023	1/8/2024	110.00
	IT Telephone	Dec phone bill 2023	1/8/2024	140.15
	J&D Court Telephone	Dec phone bill 2023	1/8/2024	0.04
	Maintenanc Telephone	Dec phone bill 2023	1/8/2024	64.84
	Sheriff Telephone	Dec phone bill 2023	1/8/2024	2,948.01
<b>VITA Total</b>				<b>3,263.60</b>
VORRASI JUSTIN	Real Property Tax Current		1/10/2024	1,923.00
<b>VORRASI JUSTIN Total</b>				<b>1,923.00</b>
Walmart	Rec Center Mat & Sup	supplies	1/19/2024	108.33
	Rec Center Merch for Resale	supplies	1/19/2024	284.08
	Parks Adm Mat & Sup	supplies	1/19/2024	20.05
<b>Walmart Total</b>				<b>412.46</b>
Wampler-Eanes Apprai	Reassess Finance & Auditing	Reassessment of General Proper	1/4/2024	14,827.50
<b>Wampler-Eanes Apprai Total</b>				<b>14,827.50</b>
Washington Gas	104Church Maint Heating	104 N Church 12/14-01/12	1/17/2024	89.24
	JGC Maintenanc Heating	101 Chalmers Ct 12/14-01/12	1/22/2024	1,340.44
	Maintenanc Heating	101 Chalmers Ct 12/14-01/12	1/22/2024	797.42
	AlRec Maint Heating	225 AL SMITH CIR 12/15-01/17	1/18/2024	1,045.93
	AlRec Maint Heating	225 AL SMITH CIR 11/16-12/14	12/18/2023	665.71
	100 N Church Maint Heating	100 N Church 12/14-01/12	1/17/2024	281.72
<b>Washington Gas Total</b>				<b>4,220.46</b>
White, Rebecca	Sheriff Travel - Communication	Per Diem Legislature Day - Communications	1/17/2024	96.00
<b>White, Rebecca Total</b>				<b>96.00</b>
Williams, Anne	Comm Atty Travel	Executive Program Training	1/10/2024	612.13
<b>Williams, Anne Total</b>				<b>612.13</b>
WILSON JOSEPH R & PA	Real Property Tax Current		1/29/2024	2,278.80
<b>WILSON JOSEPH R &amp; PA Total</b>				<b>2,278.80</b>
WILSON JOSEPH RANSOM	Personal Property Tax Current		1/29/2024	369.33
<b>WILSON JOSEPH RANSOM Total</b>				<b>369.33</b>
Winchester Star	Parks Adm Dues & Memb	star 52 weeks	1/29/2024	225.00
	Plan Com Advertising	PC Public Hearing Ad x2 for 1/5/24	1/1/2024	521.80
	JAS Finance Advertising	subscription 52 weeks	1/24/2024	199.00
<b>Winchester Star Total</b>				<b>945.80</b>
WOODS JASON ALLEN	Real Property Tax Current		1/29/2024	255.00
<b>WOODS JASON ALLEN Total</b>				<b>255.00</b>
Wyne, Jessica	Sheriff Uniform Sworn Staff	Uniform for Plain Clothes	1/8/2024	340.45
<b>Wyne, Jessica Total</b>				<b>340.45</b>
<b>Grand Total</b>				<b>1,149,266.77</b>

**Clarke County**  
**FY 24 YTD Budget Report**  
**January 31, 2024**

FUNCTION	OBJECT	ACCOUNT DESCRIPTION	REVISED BUDGET	YTD EXPENDED	AVAILABLE BUDGET	% Used
11010-Board of Supervisors						
11010	1300	BoS Part Time Salaries	13,800.00	8,050.00	5,750.00	58%
11010	2100	BoS FICA	948.00	492.40	455.60	52%
11010	2300	BoS Health Ins	20,307.19	11,484.41	8,822.78	57%
11010	2700	BoS Worker's Comp	8.76	8.47	0.29	97%
11010	3000	BoS Pur Svcs	1,500.00	780.00	720.00	52%
11010	3600	BoS Advertising	5,600.00	1,466.06	4,133.94	26%
11010	5210	BoS Postal Services	500.00	22.56	477.44	5%
11010	5230	BoS Telephone	35.00	0.00	35.00	0%
11010	5300	BoS Insurance	4,200.00	3,969.00	231.00	95%
11010	5500	BoS Travel	4,000.00	2,220.40	1,779.60	56%
11010	5800	BoS Miscellaneous Expenditures	2,200.00	1,062.37	1,137.63	48%
11010	5810	BoS Dues & Memb	5,500.00	4,372.00	1,128.00	79%
11010	6000	BoS Mat & Sup	800.00	0.00	800.00	0%
<b>11010-Board of Supervisors Total</b>			<b>59,398.95</b>	<b>33,927.67</b>	<b>25,471.28</b>	<b>57%</b>
12110-County Administrator						
12110	1100	County Adm Salaries	275,542.56	157,776.01	117,766.55	57%
12110	1300	County Adm Part Time Salaries	42,184.00	16,323.39	25,860.61	39%
12110	2100	County Adm FICA	23,664.75	12,751.08	10,913.67	54%
12110	2210	County Adm VRS 1&2	19,446.00	11,343.71	8,102.29	58%
12110	2220	County Adm VRS Hybrid	11,685.00	6,816.25	4,868.75	58%
12110	2300	County Adm Health Ins	20,307.37	11,845.96	8,461.41	58%
12110	2400	County Adm Life Ins	3,625.00	2,114.14	1,510.86	58%
12110	2510	County Adm Dis Ins Hybrid	536.00	312.69	223.31	58%
12110	2700	County Adm Workers Comp	199.63	196.59	3.04	98%
12110	3000	County Adm Pur Svcs	6,000.00	2,832.03	3,167.97	47%
12110	3320	County Adm Maint Contracts	5,000.00	0.00	5,000.00	0%
12110	3500	County Adm Printing & Binding	200.00	0.00	200.00	0%
12110	3600	County Adm Advertising	500.00	0.00	500.00	0%
12110	5210	County Adm Postal Svcs	1,000.00	10.65	989.35	1%
12110	5230	County Adm Telephone	800.00	422.77	377.23	53%
12110	5500	County Adm Travel	2,500.00	1,284.64	1,215.36	51%
12110	5800	County Adm Miscellaneous Expen	2,000.00	694.79	1,305.21	35%
12110	5810	County Adm Dues & Memb	1,800.00	849.85	950.15	47%
12110	6000	County Adm Mat & Sup	4,000.00	1,559.10	2,440.90	39%
12110	6008	County Adm Vehicle Fuel	2,200.00	1,105.36	1,094.64	50%
<b>12110-County Administrator Total</b>			<b>423,190.31</b>	<b>228,239.01</b>	<b>194,951.30</b>	<b>54%</b>
12120-Public Information Serv						
12120	1100	Inform Salaries - Regular	47,694.00	27,821.64	19,872.36	58%
12120	2100	Inform FICA	3,649.00	2,114.40	1,534.60	58%
12120	2220	Inform VRS Hybrid	5,490.00	3,202.36	2,287.64	58%
12120	2300	Inform Health Ins	9,627.81	5,922.98	3,704.83	62%
12120	2400	Inform Life Ins	639.00	372.82	266.18	58%
12120	2510	Inform Dis Ins Hybrid	252.00	146.93	105.07	58%
12120	2700	Inform Workers Comp	29.71	29.27	0.44	99%
12120	3000	Inform Pur Svcs	6,000.00	7,577.90	(1,577.90)	126%
12120	5210	Inform Postal Svcs	100.00	0.00	100.00	0%
12120	5230	Inform Telephone	200.00	0.00	200.00	0%

**Clarke County**  
**FY 24 YTD Budget Report**  
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FUNCTION	OBJECT	ACCOUNT DESCRIPTION	REVISED BUDGET	YTD EXPENDED	AVAILABLE BUDGET	% Used
12120	5500	Inform Travel	500.00	0.00	500.00	0%
12120	6000	Inform Mat & Sup	500.00	0.00	500.00	0%
12120	6035	Inform Noncap Ofc Equip	0.00	138.00	(138.00)	100%
<b>12120-Public Information Serv Total</b>			<b>74,681.52</b>	<b>47,326.30</b>	<b>27,355.22</b>	<b>63%</b>
12210-Legal Services						
12210	3000	Legal Svc Pur Svcs	35,000.00	3,147.50	31,852.50	9%
<b>12210-Legal Services Total</b>			<b>35,000.00</b>	<b>3,147.50</b>	<b>31,852.50</b>	<b>9%</b>
12310-Commissioner of Revenue						
12310	1100	Com of Rev Salaries	188,370.00	109,882.64	78,487.36	58%
12310	1300	Com of Rev Part Time Salaries	27,150.00	16,727.31	10,422.69	62%
12310	2100	Com of Rev FICA	15,064.00	9,030.68	6,033.32	60%
12310	2210	Com of Rev VRS 1&2	21,682.00	12,647.46	9,034.54	58%
12310	2300	Com of Rev Health Ins	35,169.82	20,212.06	14,957.76	57%
12310	2400	Com of Rev Life Ins	2,524.00	1,472.38	1,051.62	58%
12310	2700	Com of Rev Workers Comp	135.45	133.43	2.02	99%
12310	3000	Com of Rev Pur Svcs	1,800.00	364.57	1,435.43	20%
12310	3320	Com of Rev Maint Contracts	300.00	119.54	180.46	40%
12310	3500	Com of Rev Printing & Binding	300.00	0.00	300.00	0%
12310	3600	Com of Rev Advertising	100.00	0.00	100.00	0%
12310	4100	Com of Rev Data Processing	5,000.00	3,190.00	1,810.00	64%
12310	5210	Com of Rev Postal Svcs	2,000.00	1,353.67	646.33	68%
12310	5230	Com of Rev Telephone	200.00	64.00	136.00	32%
12310	5500	Com of Rev Travel	2,000.00	616.47	1,383.53	31%
12310	5510	Com of Rev Local Mileage	300.00	0.00	300.00	0%
12310	5810	Com of Rev Dues & Memb	800.00	275.00	525.00	34%
12310	6000	Com of Rev Mat & Sup	1,200.00	654.38	545.62	55%
12310	6035	Com of Rev Noncap Ofc Equip	200.00	0.00	200.00	0%
<b>12310-Commissioner of Revenue Total</b>			<b>304,295.27</b>	<b>176,743.59</b>	<b>127,551.68</b>	<b>58%</b>
12410-Treasurer						
12410	1100	Treasurer Salaries	266,550.00	127,299.54	139,250.46	48%
12410	1200	Treasurer Overtime	0.00	634.52	(634.52)	100%
12410	2100	Treasurer FICA	19,324.00	9,599.20	9,724.80	50%
12410	2210	Treasurer VRS 1&2	11,165.00	6,992.66	4,172.34	63%
12410	2220	Treasurer VRS Hybrid	19,514.00	7,627.10	11,886.90	39%
12410	2300	Treasurer Health Ins	65,865.34	22,863.59	43,001.75	35%
12410	2400	Treasurer Life Ins	3,572.00	1,702.04	1,869.96	48%
12410	2510	Treasurer Dis Ins Hybrid	895.00	349.88	545.12	39%
12410	2700	Treasurer Workers Comp	174.25	142.10	32.15	82%
12410	2800	Treasurer Leave Pay	0.00	2,720.79	(2,720.79)	100%
12410	3000	Treasurer Pur Svcs	1,500.00	337.50	1,162.50	23%
12410	3180	Treasurer Credit Card Fees	30,000.00	7,437.07	22,562.93	25%
12410	3190	Treasurer DMV Stop	10,000.00	4,225.00	5,775.00	42%
12410	3320	Treasurer Maint Contracts	5,400.00	5,692.12	(292.12)	105%
12410	3500	Treasurer Printing & Binding	8,000.00	4,138.13	3,861.87	52%
12410	3600	Treasurer Advertising	500.00	0.00	500.00	0%
12410	5210	Treasurer Postal Svcs	29,000.00	12,375.03	16,624.97	43%
12410	5230	Treasurer Telephone	300.00	32.00	268.00	11%
12410	5500	Treasurer Travel	3,000.00	608.02	2,391.98	20%



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FUNCTION	OBJECT	ACCOUNT DESCRIPTION	REVISED BUDGET	YTD EXPENDED	AVAILABLE BUDGET	% Used
12410	5510	Treasurer Local Mileage	400.00	137.55	262.45	34%
12410	5810	Treasurer Dues & Memb	600.00	525.00	75.00	88%
12410	6000	Treasurer Mat & Sup	15,000.00	3,441.99	11,558.01	23%
<b>12410-Treasurer Total</b>			<b>490,759.59</b>	<b>218,880.83</b>	<b>271,878.76</b>	<b>45%</b>
12510-Data Processing/IT						
12510	1100	IT Salaries	187,264.00	109,237.59	78,026.41	58%
12510	2100	IT FICA	14,218.00	8,334.65	5,883.35	59%
12510	2210	IT VRS 1&2	12,652.00	7,380.52	5,271.48	58%
12510	2220	IT VRS Hybrid	8,902.00	5,192.74	3,709.26	58%
12510	2300	IT Health Ins	20,306.57	11,845.96	8,460.61	58%
12510	2400	IT Life Ins	2,509.00	1,463.77	1,045.23	58%
12510	2510	IT Dis Ins Hybrid	408.00	238.21	169.79	58%
12510	2700	IT Workers Comp	116.66	114.92	1.74	99%
12510	3320	IT Maint Contracts	5,500.00	1,966.25	3,533.75	36%
12510	5210	IT Postal Svcs	100.00	0.00	100.00	0%
12510	5230	IT Telephone	8,000.00	1,220.41	6,779.59	15%
12510	5240	IT Telecomm Online Tech	20,000.00	8,513.08	11,486.92	43%
12510	5400	IT Leases & Rentals	25,560.00	15,592.85	9,967.15	61%
12510	5500	IT Travel	1,000.00	0.00	1,000.00	0%
12510	5810	IT Dues & Memb	100.00	50.00	50.00	50%
12510	6000	IT Mat & Sup	2,000.00	41.88	1,958.12	2%
12510	6008	IT Vehicle Fuel	100.00	93.19	6.81	93%
12510	6040	IT Tech SW/OL	82,054.79	49,633.31	32,421.48	60%
12510	6050	IT Noncap Technology Hardware	45,000.00	12,041.25	32,958.75	27%
<b>12510-Data Processing/IT Total</b>			<b>435,791.02</b>	<b>232,960.58</b>	<b>202,830.44</b>	<b>53%</b>
13100-Electoral Board and Officials						
13100	1300	Electoral Part Time Salaries	7,232.00	2,561.28	4,670.72	35%
13100	2100	Electoral FICA	552.00	195.94	356.06	35%
13100	2700	Electoral Workers Comp	4.82	4.75	0.07	99%
13100	3000	Electoral Pur Svcs	9,165.00	4,273.25	4,891.75	47%
13100	3160	Electoral Board Member Fees	34,650.00	9,409.47	25,240.53	27%
13100	3320	Electoral Maint Contracts	9,000.00	5,835.50	3,164.50	65%
13100	3500	Electoral Printing & Binding	8,800.00	8,026.43	773.57	91%
13100	3600	Electoral Advertising	600.00	192.00	408.00	32%
13100	5210	Electoral Postal Svcs	4,100.00	1,723.05	2,376.95	42%
13100	5400	Electoral Leases & Rentals	3,150.00	780.70	2,369.30	25%
13100	5500	Electoral Travel	1,500.00	718.14	781.86	48%
13100	5510	Electoral Local Mileage	1,500.00	111.35	1,388.65	7%
13100	5810	Electoral Dues & Memb	200.00	200.00	0.00	100%
13100	6000	Electoral Mat & Sup	1,970.00	1,021.74	948.26	52%
13100	6035	Electoral Noncap Office Equip	2,030.00	0.00	2,030.00	0%
<b>13100-Electoral Board and Officials Total</b>			<b>84,453.82</b>	<b>35,053.60</b>	<b>49,400.22</b>	<b>42%</b>
13200-Registrar						
13200	1100	Registrar Salaries	130,218.00	73,977.26	56,240.74	57%
13200	1300	Registrar Part Time Salaries	10,856.00	5,540.74	5,315.26	51%
13200	2100	Registrar FICA	12,286.00	6,059.24	6,226.76	49%
13200	2210	Registrar VRS 1&2	16,329.00	8,514.73	7,814.27	52%
13200	2300	Registrar Health Ins	20,153.38	11,845.96	8,307.42	59%

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FUNCTION	OBJECT	ACCOUNT DESCRIPTION	REVISED BUDGET	YTD EXPENDED	AVAILABLE BUDGET	% Used
13200	2400	Registrar Life Ins	1,897.00	991.27	905.73	52%
13200	2700	Registrar Workers Comp	66.99	65.99	1.00	99%
13200	3000	Registrar Pur Svcs	1,540.00	128.00	1,412.00	8%
13200	3320	Registrar Maint Contracts	2,640.00	0.00	2,640.00	0%
13200	5210	Registrar Postal Svcs	2,024.00	583.23	1,440.77	29%
13200	5230	Registrar Telephone	1,100.00	358.77	741.23	33%
13200	5500	Registrar Travel	1,600.00	965.68	634.32	60%
13200	5510	Registrar Local Mileage	700.00	256.36	443.64	37%
13200	5810	Registrar Dues & Memb	300.00	0.00	300.00	0%
13200	6000	Registrar Mat & Sup	1,210.00	1,168.09	41.91	97%
<b>13200-Registrar Total</b>			<b>202,920.37</b>	<b>110,455.32</b>	<b>92,465.05</b>	<b>54%</b>
21100-Circuit Court						
21100	5841	Circuit C Juror Pay	7,000.00	2,400.00	4,600.00	34%
21100	5842	Circuit C Jury Comm	270.00	200.00	70.00	74%
21100	6000	Circuit C Mat & Sup	0.00	279.00	(279.00)	100%
21100	7000	Circuit Ct Pyt to Joint Ops	12,000.00	7,410.12	4,589.88	62%
<b>21100-Circuit Court Total</b>			<b>19,270.00</b>	<b>10,289.12</b>	<b>8,980.88</b>	<b>53%</b>
21200-General District Court						
21200	3000	District C Pur Svcs	3,000.00	3,000.00	0.00	100%
21200	3150	District C Legal Svcs	270.00	0.00	270.00	0%
21200	3320	District C Maint Contracts	700.00	1,116.70	(416.70)	160%
21200	5210	District C Postal Svcs	900.00	290.58	609.42	32%
21200	5230	District C Telephone	2,000.00	1,144.89	855.11	57%
21200	5500	District C Travel	500.00	0.00	500.00	0%
21200	5810	District C Dues & Memb	50.00	50.00	0.00	100%
21200	6000	District C Mat & Sup	700.00	660.74	39.26	94%
<b>21200-General District Court Total</b>			<b>8,120.00</b>	<b>6,262.91</b>	<b>1,857.09</b>	<b>77%</b>
21510-Blue Ridge Legal Services						
21510	5600	Blue Ridge Legal Svc Contr	1,500.00	1,500.00	0.00	100%
<b>21510-Blue Ridge Legal Services Total</b>			<b>1,500.00</b>	<b>1,500.00</b>	<b>0.00</b>	<b>100%</b>
21600-Juvenile & Domestic Relations						
21600	3000	J&D Court Pur Svcs	3,000.00	3,000.00	0.00	100%
21600	3320	J&D Court Maint Contracts	700.00	527.37	172.63	75%
21600	5210	J&D Court Postal Svcs	700.00	205.98	494.02	29%
21600	5230	J&D Court Telephone	700.00	463.97	236.03	66%
21600	5500	J&D Court Travel	500.00	0.00	500.00	0%
21600	5810	J&D Court Dues & Memb	50.00	50.00	0.00	100%
21600	6000	J&D Court Mat & Sup	750.00	75.11	674.89	10%
<b>21600-Juvenile &amp; Domestic Relations Total</b>			<b>6,400.00</b>	<b>4,322.43</b>	<b>2,077.57</b>	<b>68%</b>
21700-Clerk of the Circuit Court						
21700	1100	Clk of CC Salaries	209,768.00	122,652.30	87,115.70	58%
21700	2100	Clk of CC FICA	16,047.00	9,411.23	6,635.77	59%
21700	2210	Clk of CC VRS 1&2	14,285.00	8,333.01	5,951.99	58%
21700	2220	Clk of CC VRS Hybrid	9,860.00	5,784.35	4,075.65	59%
21700	2400	Clk of CC Life Ins	2,811.00	1,643.54	1,167.46	58%
21700	2510	Clk of CC Dis Ins Hybrid	452.00	265.35	186.65	59%
21700	2700	Clk of CC Workers Comp	130.68	128.73	1.95	99%
21700	3000	Clk of CC Pur Svcs	4,435.00	1,935.00	2,500.00	44%

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21700	3320	Clk of CC Maint Contracts	24,435.00	2,125.19	22,309.81	9%
21700	3510	Clk of CC Microfilming	7,000.00	2,652.70	4,347.30	38%
21700	5210	Clk of CC Postal Svcs	5,800.00	1,971.76	3,828.24	34%
21700	5230	Clk of CC Telephone	1,025.00	700.63	324.37	68%
21700	5810	Clk of CC Dues & Memb	370.00	370.00	0.00	100%
21700	6000	Clk of CC Mat & Sup	4,565.00	3,831.82	733.18	84%
<b>21700-Clerk of the Circuit Court Total</b>			<b>300,983.68</b>	<b>161,805.61</b>	<b>139,178.07</b>	<b>54%</b>
21910-Victim and Witness Assistance						
21910	1100	VictimWit Regular Salary	51,108.00	30,104.69	21,003.31	59%
21910	1300	VictimWit Part Time Sal	14,815.00	9,465.82	5,349.18	64%
21910	2100	VictimWit FICA	5,043.00	3,033.39	2,009.61	60%
21910	2210	VictimWit VRS 1&2	5,883.00	3,465.07	2,417.93	59%
21910	2400	VictimWit Life Ins	685.00	403.41	281.59	59%
21910	2700	VictimWit Workers Comp	41.24	40.45	0.79	98%
21910	3000	VictimWit Pur Svcs	150.00	0.00	150.00	0%
21910	5210	VictimWit Postal Svcs	500.00	0.00	500.00	0%
21910	5230	VictimWit Telephone	500.00	291.54	208.46	58%
21910	5500	VictimWit Travel	1,500.00	894.00	606.00	60%
21910	5810	VictimWit Dues & Memb	500.00	150.00	350.00	30%
21910	6000	VictimWit Mat & Sup	1,000.00	137.97	862.03	14%
<b>21910-Victim and Witness Assistance Total</b>			<b>81,725.24</b>	<b>47,986.34</b>	<b>33,738.90</b>	<b>59%</b>
21940-Regional Court Services						
21940	5600	Regional Crt Svc Entity Gift	8,000.00	8,000.00	0.00	100%
<b>21940-Regional Court Services Total</b>			<b>8,000.00</b>	<b>8,000.00</b>	<b>0.00</b>	<b>100%</b>
22100-Commonwealth's Attorney						
22100	1100	Comm Atty Salaries	328,524.61	191,727.90	136,796.71	58%
22100	1100	Comm Atty VSTOP Salaries	8,724.00	4,709.04	4,014.96	54%
22100	1300	Comm Atty Part Time Salaries	15,564.00	10,470.39	5,093.61	67%
22100	1300	Comm Atty VSTOP PT Salaries	18,511.00	10,797.92	7,713.08	58%
22100	2100	Comm Atty FICA	26,727.50	15,659.71	11,067.79	59%
22100	2100	Comm Atty VSTOP FICA	668.00	445.41	222.59	67%
22100	2210	Comm Atty VRS 1&2	15,927.00	3,910.98	12,016.02	25%
22100	2210	Comm Atty VSTOP VRS 1&2	1,004.00	491.25	512.75	49%
22100	2220	Comm Atty VRS Hybrid	21,885.60	18,207.56	3,678.04	83%
22100	2300	Comm Atty Health Ins	37,121.51	22,660.26	14,461.25	61%
22100	2400	Comm Atty Life Ins	4,402.41	2,575.02	1,827.39	58%
22100	2400	Comm Atty VSTOP Life Ins	117.00	57.19	59.81	49%
22100	2510	Comm Atty Dis Ins Hybrid	1,003.65	835.31	168.34	83%
22100	2700	Comm Atty Workers Comp	227.38	159.99	67.39	70%
22100	2700	Comm Atty VSTOP Workers Comp	5.44	5.17	0.27	95%
22100	3000	Comm Atty Pur Svcs	100.00	0.00	100.00	0%
22100	3320	Comm Atty Maint Contracts	750.00	772.20	(22.20)	103%
22100	5210	Comm Atty Postal Svcs	1,500.00	680.00	820.00	45%
22100	5230	Comm Atty Telephone	2,500.00	711.11	1,788.89	28%
22100	5500	Comm Atty Travel	7,000.00	2,855.15	4,144.85	41%
22100	5549	Comm Atty Witness Travel Expen	1,500.00	0.00	1,500.00	0%
22100	5810	Comm Atty Dues & Memb	3,500.00	2,290.00	1,210.00	65%
22100	6000	Comm Atty Mat & Sup	3,500.00	1,947.43	1,552.57	56%

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FUNCTION	OBJECT	ACCOUNT DESCRIPTION	REVISED BUDGET	YTD EXPENDED	AVAILABLE BUDGET	% Used
22100	6035	Comm Atty Noncap Office Equip	400.00	0.00	400.00	0%
22100	6040	Technology SW/OL Content	2,500.00	0.00	2,500.00	0%
<b>22100-Commonwealth's Attorney Total</b>			<b>503,663.10</b>	<b>291,968.99</b>	<b>211,694.11</b>	<b>58%</b>
31200-Sheriff - Total						
31200	1100	Sheriff Salaries	1,879,349.00	1,039,174.38	840,174.62	55%
31200	1200	Sheriff Overtime	33,500.00	81,953.01	(48,453.01)	245%
31200	1200	CITAC Overtime	5,000.00	0.00	5,000.00	0%
31200	1300	Sheriff Part Time Salaries	43,860.00	26,800.11	17,059.89	61%
31200	1660	Sheriff Emp Bonuses	27,500.00	22,500.00	5,000.00	82%
31200	2100	Sheriff FICA	149,015.00	92,766.62	56,248.38	62%
31200	2100	OCDETF Sheriff FICA	0.00	52.79	(52.79)	100%
31200	2210	Sheriff VRS 1&2	169,223.00	97,117.05	72,105.95	57%
31200	2220	Sheriff VRS Hybrid	43,588.00	22,707.32	20,880.68	52%
31200	2300	Sheriff Health Ins	266,100.53	150,254.23	115,846.30	56%
31200	2300	OCDETF Sheriff Hth Ins	0.00	95.85	(95.85)	100%
31200	2400	Sheriff Life Ins	24,776.00	13,949.77	10,826.23	56%
31200	2510	Sheriff Dis Ins Hybrid	2,000.00	1,041.64	958.36	52%
31200	2700	Sheriff Workers Comp	39,492.13	38,843.53	648.60	98%
31200	2800	Sheriff Leave Pay	0.00	25,244.04	(25,244.04)	100%
31200	2810	Sheriff Holiday Pay	59,715.00	48,913.15	10,801.85	82%
31200	2860	Sheriff LODA	21,137.02	20,981.73	155.29	99%
31200	3000	Sheriff Pur Svcs	40,000.00	17,068.56	22,931.44	43%
31200	3320	Sheriff Maint Contracts	202,284.00	107,205.50	95,078.50	53%
31200	3320	Sheriff E-Ticket Maint Svc	0.00	4,950.00	(4,950.00)	100%
31200	3350	Sheriff Insured Repair Svcs	2,100.00	0.00	2,100.00	0%
31200	3500	Sheriff Printing & Binding	1,050.00	0.00	1,050.00	0%
31200	5210	Sheriff Postal Svcs	2,320.00	1,016.92	1,303.08	44%
31200	5230	Sheriff Telephone	97,198.00	47,360.18	49,837.82	49%
31200	5300	Sheriff Insurance	12,000.00	10,258.56	1,741.44	85%
31200	5400	Sheriff Leases & Rentals	17,850.00	44,711.58	(26,861.58)	250%
31200	5500	Sheriff Travel	70,800.00	795.00	70,005.00	1%
31200	5500	Sheriff Travel - Communication	0.00	4,078.95	(4,078.95)	100%
31200	5500	Sheriff Travel - Sworn Staff	0.00	30,547.16	(30,547.16)	100%
31200	5800	Sheriff Miscellaneous Expendit	1,000.00	0.00	1,000.00	0%
31200	5810	Sheriff Dues & Memb	5,250.00	3,600.64	1,649.36	69%
31200	6000	Sheriff Mat & Sup	63,500.00	1,354.18	62,145.82	2%
31200	6000	Sheriff COS Mat & Sup	0.00	2,268.84	(2,268.84)	100%
31200	6000	Sheriff ETK Mat & Sup	25,000.00	18,107.42	6,892.58	72%
31200	6000	Sheriff PSU Mat & Sup	0.00	3,335.73	(3,335.73)	100%
31200	6000	Sheriff SOS Mat & Sup	0.00	5,641.86	(5,641.86)	100%
31200	6000	Sheriff VRP Mat & Sup	0.00	22,709.43	(22,709.43)	100%
31200	6000	ICAC Mat & Sup	5,000.00	0.00	5,000.00	0%
31200	6008	Sheriff Vehicle Fuel	66,000.00	34,651.28	31,348.72	53%
31200	6011	Sheriff Clothing	15,650.00	2,424.12	13,225.88	15%
31200	6011	Sheriff Uniform Sworn Staff	0.00	5,745.14	(5,745.14)	100%
31200	6011	Sheriff Uniform Communications	0.00	17.60	(17.60)	100%
31200	6015	Sheriff Ammunition	28,000.00	22,790.82	5,209.18	81%
<b>31200-Sheriff - Total Total</b>			<b>3,419,257.68</b>	<b>2,073,034.69</b>	<b>1,346,222.99</b>	<b>61%</b>

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FUNCTION	OBJECT	ACCOUNT DESCRIPTION	REVISED BUDGET	YTD EXPENDED	AVAILABLE BUDGET	% Used
31210-Criminal Justice Training Ctr						
31210	5600	Criminal Justice Training Ctr	21,723.00	21,723.00	0.00	100%
<b>31210-Criminal Justice Training Ctr Total</b>			<b>21,723.00</b>	<b>21,723.00</b>	<b>0.00</b>	<b>100%</b>
31220-Drug Task Force						
31220	5600	Drug Task Force Entity Gift	13,400.00	6,496.34	6,903.66	48%
<b>31220-Drug Task Force Total</b>			<b>13,400.00</b>	<b>6,496.34</b>	<b>6,903.66</b>	<b>48%</b>
32200-Volunteer Fire Companies						
32200	2510	Vol Fire Dis Ins Hybrid	11,000.00	10,323.00	677.00	94%
32200	2700	Vol Fire Worker's Comp	21,000.00	16,398.00	4,602.00	78%
32200	5300	Vol Fire Co Insurance	57,000.00	65,919.00	(8,919.00)	116%
32200	5600	Vol Fire Companies Entity Gift	25,000.00	0.00	25,000.00	0%
32200	5696	Recruitment/Retention-Tuition	10,500.00	309.39	10,190.61	3%
32200	5697	Vol Fire 4 for Life Grant	19,000.00	0.00	19,000.00	0%
32200	5698	Vol Fire Fire Programs	38,000.00	37,955.01	44.99	100%
32200	6000	Vol Fire Mat'l Suppls	500.00	0.00	500.00	0%
<b>32200-Volunteer Fire Companies Total</b>			<b>182,000.00</b>	<b>130,904.40</b>	<b>51,095.60</b>	<b>72%</b>
32201-Blue Ridge Volunteer Fire Co						
32201	2860	Blue Ridge Vol Fire Co LODA	1,776.50	1,711.90	64.60	96%
32201	5510	Blue Ridge Vol Fire Fee for Svc	8,000.00	8,323.63	(323.63)	104%
32201	5600	Blue Ridge Vol Fire Co Contrib	90,000.00	67,500.00	22,500.00	75%
<b>32201-Blue Ridge Volunteer Fire Co Total</b>			<b>99,776.50</b>	<b>77,535.53</b>	<b>22,240.97</b>	<b>78%</b>
32202-Boyce Volunteer Fire Co						
32202	2860	Boyce Volunteer Fire Co LODA	3,344.00	3,222.40	121.60	96%
32202	5510	Boyce Vol Fire Co Fee for Svc	25,000.00	10,044.31	14,955.69	40%
32202	5600	Boyce Volunteer Fire Co Contr	90,000.00	67,500.00	22,500.00	75%
<b>32202-Boyce Volunteer Fire Co Total</b>			<b>118,344.00</b>	<b>80,766.71</b>	<b>37,577.29</b>	<b>68%</b>
32203-Enders Volunteer Fire Co						
32203	2860	Enders Volunteer Fire Co LODA	5,434.00	5,236.40	197.60	96%
32203	5510	Enders Vol Fire Co Fee for Svc	80,000.00	76,526.47	3,473.53	96%
32203	5600	Enders Volunteer Fire Co Contr	90,000.00	67,500.00	22,500.00	75%
<b>32203-Enders Volunteer Fire Co Total</b>			<b>175,434.00</b>	<b>149,262.87</b>	<b>26,171.13</b>	<b>85%</b>
32310-Fire and Rescue Services						
32310	1100	EMS Salaries	1,085,000.00	646,500.40	438,499.60	60%
32310	1100	SAFER Grant Salaries	0.00	0.00	0.00	100%
32310	1200	EMS Overtime	100,000.00	128,067.37	(28,067.37)	128%
32310	1300	EMS Part Time Salaries	100,000.00	44,209.91	55,790.09	44%
32310	2100	EMS FICA	95,954.50	61,772.47	34,182.03	64%
32310	2100	SAFER Grant FICA	0.00	0.00	0.00	100%
32310	2210	EMS VRS 1&2	118,463.00	71,668.45	46,794.55	60%
32310	2210	SAFER Grant VRS 1&2	0.00	0.00	0.00	100%
32310	2220	EMS VRS Hybrid	6,422.00	3,746.40	2,675.60	58%
32310	2300	EMS Health Ins	214,203.53	115,304.25	98,899.28	54%
32310	2300	SAFER Grant Health Ins	0.00	0.00	0.00	100%
32310	2400	EMS Life Ins	14,538.00	8,779.87	5,758.13	60%
32310	2400	SAFER Grant Group Life Ins	0.00	0.00	0.00	100%
32310	2510	EMS Dis Ins Hybrid	295.00	171.85	123.15	58%
32310	2700	EMS Workers Comp	33,816.44	30,299.19	3,517.25	90%
32310	2800	EMS Annual Leave Payouts	0.00	2,773.44	(2,773.44)	100%

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FUNCTION	OBJECT	ACCOUNT DESCRIPTION	REVISED BUDGET	YTD EXPENDED	AVAILABLE BUDGET	% Used
32310	2810	EMS Holiday Pay	40,000.00	32,231.01	7,768.99	81%
32310	2860	EMS LODA	15,958.07	17,668.48	(1,710.41)	111%
32310	3000	EMS Pur Svcs	94,000.00	46,432.75	47,567.25	49%
32310	3000	EMS Pur Svcs-Employee Training	15,000.00	5,614.96	9,385.04	37%
32310	5210	EMS Postal Services	200.00	254.40	(54.40)	127%
32310	5230	EMS Telephone	1,550.00	3,357.19	(1,807.19)	217%
32310	5230	EMS LEMPG Grant-Telephone	0.00	4,433.67	(4,433.67)	100%
32310	5500	EMS Travel	12,000.00	8,660.14	3,339.86	72%
32310	5800	EMS Miscellaneous	4,500.00	821.08	3,678.92	18%
32310	6000	EMS Mat & Sup	40,000.00	26,812.87	13,187.13	67%
32310	6000	EMS Matl's and Supplies-Train	1,000.00	298.04	701.96	30%
32310	6000	EMS LEMPG Grant Mat & Sup	7,500.00	14,455.90	(6,955.90)	193%
32310	6008	EMS Vehicle Fuel	35,000.00	16,097.37	18,902.63	46%
32310	6011	FIRE/EMS Uniforms	28,000.00	22,848.90	5,151.10	82%
32310	6011	FIRE Personal Protection Equip	34,751.00	21,328.51	13,422.49	61%
32310	6011	Fire/EMS Ballistic PPE-ARPCF	4,500.00	4,500.00	0.00	100%
32310	6040	EMS Tech SW/OL	23,000.00	25,319.60	(2,319.60)	110%
<b>32310-Fire and Rescue Services Total</b>			<b>2,125,651.54</b>	<b>1,364,428.47</b>	<b>761,223.07</b>	<b>64%</b>
32320-Lord Fairfax Emergency Medical						
32320	5600	Lord Fairfax EMS Contribution	6,904.00	6,904.00	0.00	100%
<b>32320-Lord Fairfax Emergency Medical Total</b>			<b>6,904.00</b>	<b>6,904.00</b>	<b>0.00</b>	<b>100%</b>
32400-Forestry Services						
32400	5600	Forestry Svcs Entity Gift	2,874.00	2,874.00	0.00	100%
<b>32400-Forestry Services Total</b>			<b>2,874.00</b>	<b>2,874.00</b>	<b>0.00</b>	<b>100%</b>
33210-Regional Jail						
33210	7000	Regional Jail Joint Ops	541,010.00	377,278.50	163,731.50	70%
<b>33210-Regional Jail Total</b>			<b>541,010.00</b>	<b>377,278.50</b>	<b>163,731.50</b>	<b>70%</b>
33220-Juvenile Detention Center						
33220	3840	Juv Det Ctr Intergov Svc Agree	13,146.00	6,348.00	6,798.00	48%
<b>33220-Juvenile Detention Center Total</b>			<b>13,146.00</b>	<b>6,348.00</b>	<b>6,798.00</b>	<b>48%</b>
33300-Probation Office						
33300	5230	Probation Telephone	100.00	32.00	68.00	32%
33300	6000	Probation Mat & Sup	300.00	0.00	300.00	0%
<b>33300-Probation Office Total</b>			<b>400.00</b>	<b>32.00</b>	<b>368.00</b>	<b>8%</b>
34100-Building Inspections						
34100	1100	Bldg Insp Salaries	160,154.00	93,423.33	66,730.67	58%
34100	1300	Bldg Insp Part Time Salaries	22,390.00	5,505.21	16,884.79	25%
34100	2100	Bldg Insp FICA	13,296.00	7,148.09	6,147.91	54%
34100	2210	Bldg Insp VRS 1&2	9,051.00	5,279.82	3,771.18	58%
34100	2220	Bldg Insp VRS Hybrid	9,383.00	5,473.16	3,909.84	58%
34100	2300	Bldg Insp Health Ins	40,227.21	23,418.57	16,808.64	58%
34100	2400	Bldg Insp Life Ins	2,147.00	1,251.88	895.12	58%
34100	2510	Bldg Insp Dis Ins Hybrid	430.00	251.02	178.98	58%
34100	2700	Bldg Insp Workers Comp	2,215.24	2,003.34	211.90	90%
34100	3000	Bldg Insp Pur Svcs	600.00	0.00	600.00	0%
34100	3320	Bldg Insp Maint Contracts	500.00	797.14	(297.14)	159%
34100	5210	Bldg Insp Postal Svcs	150.00	94.89	55.11	63%
34100	5230	Bldg Insp Telephone	2,500.00	1,776.87	723.13	71%

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34100	5500	Bldg Insp Travel	500.00	96.94	403.06	19%
34100	5810	Bldg Insp Dues & Memb	1,000.00	0.00	1,000.00	0%
34100	6000	Bldg Insp Mat & Sup	6,500.00	5,682.82	817.18	87%
34100	6008	Bldg Insp Vehicle Fuel	3,000.00	1,341.13	1,658.87	45%
<b>34100-Building Inspections Total</b>			<b>274,043.45</b>	<b>153,544.21</b>	<b>120,499.24</b>	<b>56%</b>
35100-Animal Control						
35100	1100	AnimalShltr Salaries	85,600.00	52,849.93	32,750.07	62%
35100	1300	AnimalShltr Part Time Salaries	14,000.00	11,176.44	2,823.56	80%
35100	2100	AnimalShltr FICA	7,386.00	5,329.06	2,056.94	72%
35100	2220	AnimalShltr VRS Hybrid	9,853.00	6,115.10	3,737.90	62%
35100	2300	AnimalShltr Health Ins	20,205.01	10,889.58	9,315.43	54%
35100	2400	AnimalShltr Life Ins	1,147.00	711.93	435.07	62%
35100	2510	AnimalShltr Dis Ins Hybrid	451.00	280.52	170.48	62%
35100	2700	AnimalShltr Workers Comp	817.68	742.19	75.49	91%
35100	2800	AnimalShltr Leave Pay	0.00	8,377.06	(8,377.06)	100%
35100	3000	AnimalShltr Pur Svcs	18,000.00	24,459.85	(6,459.85)	136%
35100	3320	AnimalShltr Maint Svc Contracts	150.00	1,257.08	(1,107.08)	838%
35100	3500	AnimalShltr Printing & Binding	200.00	0.00	200.00	0%
35100	5230	AnimalShltr Telephone	500.00	666.16	(166.16)	133%
35100	5400	Anml Shelter Leases and Rental	0.00	1.00	(1.00)	100%
35100	5500	AnimalShltr Travel	400.00	0.00	400.00	0%
35100	5510	AnimalShltr Local Mileage	100.00	0.00	100.00	0%
35100	6000	AnimalShltr Mat & Sup	12,667.86	8,328.87	4,338.99	66%
35100	6008	AnimalShltr Vehicle Fuel	1,500.00	459.53	1,040.47	31%
35100	6011	AnimalShltr Clothing	500.00	445.39	54.61	89%
<b>35100-Animal Control Total</b>			<b>173,477.55</b>	<b>132,089.69</b>	<b>41,387.86</b>	<b>76%</b>
35300-Med Examiner & Indigent Burial						
35300	3000	Exam&Bury Pur Svcs	200.00	60.00	140.00	30%
<b>35300-Med Examiner &amp; Indigent Burial Total</b>			<b>200.00</b>	<b>60.00</b>	<b>140.00</b>	<b>30%</b>
42400-Refuse Disposal						
42400	3840	RefuseDisp Intergov Svc Agreem	194,400.00	97,056.71	97,343.29	50%
<b>42400-Refuse Disposal Total</b>			<b>194,400.00</b>	<b>97,056.71</b>	<b>97,343.29</b>	<b>50%</b>
42410-Solid Waste Convenience						
42410	1300	SWC PT Salaries - Regular	29,912.00	11,217.90	18,694.10	38%
42410	2100	SWC FICA	2,288.00	858.17	1,429.83	38%
42410	2700	Worker's Compensation	481.38	434.91	46.47	90%
42410	3000	SWC Pur Svcs	62,265.00	28,204.86	34,060.14	45%
42410	5110	SWC Electrical Services	2,000.00	672.74	1,327.26	34%
42410	5230	SWC Telephone	750.00	0.00	750.00	0%
42410	6000	SWC Mat & Sup	750.00	53.61	696.39	7%
<b>42410-Solid Waste Convenience Total</b>			<b>98,446.38</b>	<b>41,442.19</b>	<b>57,004.19</b>	<b>42%</b>
42600-Litter Control						
42600	3000	LitterCtrl Pur Svcs	16,551.93	527.09	16,024.84	3%
<b>42600-Litter Control Total</b>			<b>16,551.93</b>	<b>527.09</b>	<b>16,024.84</b>	<b>3%</b>
42700-Sanitation						
42700	3840	Sanitation Intergov Svc Agreem	37,000.00	15,988.86	21,011.14	43%
42700	5600	Sanitation Entity Gift	207,000.00	0.00	207,000.00	0%
<b>42700-Sanitation Total</b>			<b>244,000.00</b>	<b>15,988.86</b>	<b>228,011.14</b>	<b>7%</b>

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43200-General Property Maintenance - All Accounts						
43200	1100	Maintenanc Salaries	189,976.00	111,687.88	78,288.12	59%
43200	1100	CustdlSrves Sal	2,909.02	2,874.30	34.72	99%
43200	1100	JGC CustdlSrves Sal	10,846.93	10,081.00	765.93	93%
43200	1100	100NChurch CustdlSrves Sal	6,474.96	5,352.80	1,122.16	83%
43200	1100	102Church CustdlSrves Sal	12,950.00	10,705.65	2,244.35	83%
43200	1100	104Church CustdlSrves Sal	6,474.96	5,352.80	1,122.16	83%
43200	1100	524WMain CustdlSrves Sal	1,363.15	1,126.91	236.24	83%
43200	1100	311EMain CustdlSrves Sal	5,767.19	3,949.99	1,817.20	68%
43200	1100	129 Rams CustSvcs Sal-Regular	1,468.01	1,131.20	336.81	77%
43200	2100	Maintenanc FICA	13,837.00	8,156.83	5,680.17	59%
43200	2100	CustdlSrves FICA	209.80	208.97	0.83	100%
43200	2100	JGC CustdlSrves FICA	779.09	725.14	53.95	93%
43200	2100	100NChurch CustdlSrves FICA	455.09	376.31	78.78	83%
43200	2100	102Church CustdlSrves FICA	910.18	752.65	157.53	83%
43200	2100	104Church CustdlSrves FICA	455.09	376.31	78.78	83%
43200	2100	524WMain CustdlSrves FICA	95.86	79.26	16.60	83%
43200	2100	311EMain CustdlSrves FICA	414.25	283.76	130.49	68%
43200	2100	129 Rams CustSvcs FICA	100.19	79.40	20.79	79%
43200	2210	Maintenanc VRS 1&2	12,641.00	7,428.98	5,212.02	59%
43200	2220	Maintenanc VRS Hybrid	9,226.00	5,123.31	4,102.69	56%
43200	2220	CustdlSrves VRS Hybrid	118.10	116.72	1.38	99%
43200	2220	JGC CustdlSrves VRS Hybrid	440.40	405.59	34.81	92%
43200	2220	100NChurchCustdlSrves VRSHybri	262.95	217.37	45.58	83%
43200	2220	102Church CustdlSrves VRS Hyb	525.65	434.55	91.10	83%
43200	2220	104Church CustdlSrves VRSHybri	262.95	217.37	45.58	83%
43200	2220	524WMain CustdlSrves VRSHybri	55.36	45.77	9.59	83%
43200	2220	311EMain CustdlSrves VRS Hybr	234.17	160.36	73.81	68%
43200	2220	129 Rams CustSvcs VRS Hybrid	59.60	41.92	17.68	70%
43200	2300	Maintenanc Health Ins	27,384.57	13,546.97	13,837.60	49%
43200	2300	CustdlSrves HlthIns	469.27	462.42	6.85	99%
43200	2300	JGC CustdlSrves HlthIns	2,964.21	2,680.36	283.85	90%
43200	2300	100NChurch CustdlSrves HlthIns	1,480.15	1,220.31	259.84	82%
43200	2300	102Church CustdlSrves HlthIns	2,960.31	2,440.62	519.69	82%
43200	2300	104Church CustdlSrves HlthIns	1,480.15	1,220.31	259.84	82%
43200	2300	524WMain CustdlSrves HlthIns	311.60	256.90	54.70	82%
43200	2300	311EMain CustdlSrves HlthIns	1,576.10	1,076.63	499.47	68%
43200	2300	129 Rams CustSvcs Health Ins	923.43	543.80	379.63	59%
43200	2400	Maintenanc Life Ins	2,547.00	1,461.33	1,085.67	57%
43200	2400	CustdlSrves GrpLifeIns	38.97	38.53	0.44	99%
43200	2400	JGC CustdlSrves GrpLifeIns	145.36	136.07	9.29	94%
43200	2400	100NChurch CustdlSrves GrpLife	86.77	71.73	15.04	83%
43200	2400	102Church CustdlSrves GrpLife	173.55	143.48	30.07	83%
43200	2400	104Church CustdlSrves GrpLife	86.77	71.73	15.04	83%
43200	2400	524WMain CustdlSrves GrpLife	18.25	15.09	3.16	83%
43200	2400	311EMain CustdlSrves GrpLifeI	77.26	52.92	24.34	68%
43200	2400	129 Rams CustSvcs Grp Life Ins	19.70	13.85	5.85	70%
43200	2510	Maintenanc Dis Ins Hybrid	423.00	235.03	187.97	56%



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43200	2510	CustdlSrves DisInsHybrid	15.37	15.16	0.21	99%
43200	2510	JGC CustdlSrves DisInsHybrid	57.23	53.24	3.99	93%
43200	2510	100NChurchCustdlSrves DisInsHy	34.22	28.28	5.94	83%
43200	2510	102Church CustdlSrves DisInsHy	68.26	56.46	11.80	83%
43200	2510	104Church CustdlSrves DisInsHy	34.22	28.28	5.94	83%
43200	2510	524WMain CustdlSrves DisInsHy	7.22	5.96	1.26	83%
43200	2510	311EMain CustdlSrves DisInsHy	30.48	20.86	9.62	68%
43200	2510	129 Rams CustSvc Dis Ins Hyb	7.73	5.36	2.37	69%
43200	2700	Maintenanc Workers Comp	1,895.11	1,660.10	235.01	88%
43200	2700	CustdlSrves WrksComp	462.56	65.12	397.44	14%
43200	2700	JGC CustdlSrves WrksComp	2,751.10	230.31	2,520.79	8%
43200	2700	100NChurch CustdlSrves WrksCmp	1,029.73	121.28	908.45	12%
43200	2700	102Church CustdlSrves WrksComp	2,059.21	242.53	1,816.68	12%
43200	2700	104Church CustdlSrves WrksCmp	1,029.56	121.26	908.30	12%
43200	2700	524WMain CustdlSrves WrksCmp	216.76	25.53	191.23	12%
43200	2700	311EMain CustdlSrves WrksComp	917.06	86.41	830.65	9%
43200	2700	129 Rams CustSvcs WC	233.40	27.49	205.91	12%
43200	2750	CustdlSrves RHCC	29.63	29.34	0.29	99%
43200	2750	JGC CustdlSrves RHCC	110.63	102.80	7.83	93%
43200	2750	100NChurch CustdlSrves RHCC	66.06	54.61	11.45	83%
43200	2750	102Church CustdlSrves RHCC	132.03	109.15	22.88	83%
43200	2750	104Church CustdlSrves RHCC	66.06	54.61	11.45	83%
43200	2750	524WMain CustdlSrves RHCC	13.92	11.51	2.41	83%
43200	2750	311EMain CustdlSrves RHCC	58.84	40.28	18.56	68%
43200	2750	129 Rams CustSvcs RHCC	14.94	10.51	4.43	70%
43200	3000	Maintenanc Pur Svcs	37,000.00	34.42	36,965.58	0%
43200	3000	JGC Maintenanc Pur Svcs	16,000.00	10,431.85	5,568.15	65%
43200	3000	100 N Church Maint Pur Svcs	10,000.00	7,641.08	2,358.92	76%
43200	3000	ChurchSt Maint Pur Svcs	3,000.00	0.00	3,000.00	0%
43200	3000	104Church Maint Pur Svcs	12,000.00	6,016.00	5,984.00	50%
43200	3000	225Rams Maint Pur Svcs	10,000.00	0.00	10,000.00	0%
43200	3000	524West Maint Pur Svcs	1,000.00	800.00	200.00	80%
43200	3000	AlRec Maint Pur Svcs	8,000.00	8,419.15	(419.15)	105%
43200	3000	AlOff Maint Pur Svcs	15,000.00	710.00	14,290.00	5%
43200	3000	AlPool Maint Pur Svcs	3,000.00	75.00	2,925.00	3%
43200	3000	AlBase Maint Pur Svcs	750.00	225.00	525.00	30%
43200	3000	AlSoc Maint Pur Svcs	1,000.00	645.96	354.04	65%
43200	3000	106Church Maint Pur Svcs	1,000.00	0.00	1,000.00	0%
43200	3000	36EMain Maint Pur Svcs	500.00	500.00	0.00	100%
43200	3000	311EMain Maint Pur Svcs	3,500.00	0.00	3,500.00	0%
43200	3000	309WMain Maint Pur Svcs	2,000.00	0.00	2,000.00	0%
43200	3000	129Rams Maint Pur Svcs	2,000.00	833.82	1,166.18	42%
43200	3320	Maintenanc Maint Contracts	41,000.00	39,781.41	1,218.59	97%
43200	3320	JGC Maint Contracts	5,500.00	4,879.51	620.49	89%
43200	3320	100 N Church Maint Contracts	6,000.00	5,315.33	684.67	89%
43200	3320	ChurchSt Maint Contracts	3,800.00	4,324.31	(524.31)	114%
43200	3320	104Church Maint Contracts	4,000.00	3,875.24	124.76	97%
43200	3320	225Rams Maint Contracts	3,500.00	2,982.24	517.76	85%

**Clarke County**  
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<b>FUNCTION</b>	<b>OBJECT</b>	<b>ACCOUNT DESCRIPTION</b>	<b>REVISED BUDGET</b>	<b>YTD EXPENDED</b>	<b>AVAILABLE BUDGET</b>	<b>% Used</b>
43200	3320	524West Maint Contracts	700.00	417.40	282.60	60%
43200	3320	AIRec Maint Contracts	3,500.00	2,814.03	685.97	80%
43200	3320	106Church Maint Contracts	500.00	405.30	94.70	81%
43200	3320	36EMain Maint Contracts	500.00	766.04	(266.04)	153%
43200	3320	311EMain Maint Contracts	4,500.00	3,603.84	896.16	80%
43200	3320	309WMain Maint Serv Contracts	750.00	8.50	741.50	1%
43200	3320	129Rams Maint Contracts	800.00	557.80	242.20	70%
43200	3320	AIOff Maint Contracts	400.00	0.00	400.00	0%
43200	3320	AIPool Maint Contracts	0.00	47.19	(47.19)	100%
43200	3320	32EMain Maint Contracts	0.00	85.75	(85.75)	100%
43200	3340	Maintenanc Custodial Contracts	0.00	0.00	0.00	100%
43200	3340	JGC Maintenanc Custodial Contr	0.00	0.00	0.00	100%
43200	3340	311EMain Maint Cus Contracts	0.00	0.00	0.00	100%
43200	3600	Maintenanc Advertising	1,200.00	0.00	1,200.00	0%
43200	5110	JGC Maintenanc Electric	46,000.00	26,479.44	19,520.56	58%
43200	5110	100 N Church Maint Electric	12,000.00	5,944.29	6,055.71	50%
43200	5110	ChurchSt Maint Electric	25,000.00	13,056.54	11,943.46	52%
43200	5110	104Church Maint Electric	11,000.00	6,222.06	4,777.94	57%
43200	5110	225Rams Maint Electric	7,500.00	4,443.27	3,056.73	59%
43200	5110	524West Maint Electric	2,000.00	1,427.44	572.56	71%
43200	5110	AIRec Maint Electric	25,000.00	11,775.52	13,224.48	47%
43200	5110	AIOff Maint Electric	5,500.00	3,103.61	2,396.39	56%
43200	5110	AIPool Maint Electric	9,000.00	4,857.62	4,142.38	54%
43200	5110	AIBase Maint Electric	700.00	269.12	430.88	38%
43200	5110	AI Soc Maint Electric	600.00	218.58	381.42	36%
43200	5110	311EMain Maint Electric	9,000.00	3,880.64	5,119.36	43%
43200	5110	309WMain Maint Electrical Svcs	1,500.00	505.33	994.67	34%
43200	5110	129Rams Maint Electric	3,000.00	1,369.45	1,630.55	46%
43200	5120	JGC Maintenanc Heating	7,000.00	6,337.50	662.50	91%
43200	5120	100 N Church Maint Heating	1,800.00	842.84	957.16	47%
43200	5120	104Church Maint Heating	4,000.00	1,842.68	2,157.32	46%
43200	5120	225Rams Maint Heating	7,000.00	2,569.64	4,430.36	37%
43200	5120	524West Maint Heating	2,000.00	879.24	1,120.76	44%
43200	5120	AIRec Maint Heating	6,500.00	3,736.26	2,763.74	57%
43200	5120	309WMain Maint Heating	2,500.00	1,439.60	1,060.40	58%
43200	5120	129Rams Maint Heating	4,000.00	1,201.31	2,798.69	30%
43200	5130	Maintenanc Water & Sewer	500.00	361.42	138.58	72%
43200	5130	JGC Maintenanc Water & Sewer	1,500.00	841.17	658.83	56%
43200	5130	100 N Church Maint Wtr & Sewr	5,000.00	2,293.80	2,706.20	46%
43200	5130	104Church Maint Water & Sewer	1,000.00	442.72	557.28	44%
43200	5130	225Rams Maint Water & Sewer	300.00	0.00	300.00	0%
43200	5130	AIRec Maint Water & Sewer	2,000.00	1,009.65	990.35	50%
43200	5130	AIOff Maint Water & Sewer	5,000.00	2,179.74	2,820.26	44%
43200	5130	AIPool Maint Water & Sewer	15,000.00	9,013.22	5,986.78	60%
43200	5130	311EMain Maint Water & Sewer	1,200.00	667.50	532.50	56%
43200	5130	309WMain Maint Water & Sewer	1,200.00	303.94	896.06	25%
43200	5130	129Rams Maint Water & Sewer	600.00	214.93	385.07	36%
43200	5230	Maintenanc Telephone	2,000.00	683.80	1,316.20	34%

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FUNCTION	OBJECT	ACCOUNT DESCRIPTION	REVISED BUDGET	YTD EXPENDED	AVAILABLE BUDGET	% Used
43200	5300	Maintenanc Insurance	47,605.00	45,600.68	2,004.32	96%
43200	5400	Maintenanc Leases & Rentals	1,000.00	0.00	1,000.00	0%
43200	5500	Maintenanc Travel	750.00	28.82	721.18	4%
43200	6000	Maintenanc Mat & Sup	35,000.00	19,358.95	15,641.05	55%
43200	6000	JGC Maintenance Mat & Sup	3,500.00	145.05	3,354.95	4%
43200	6000	100 N Church Maint Mat & Sup	1,500.00	1,381.23	118.77	92%
43200	6000	ChurchSt Maint Mat & Sup	1,500.00	289.32	1,210.68	19%
43200	6000	104Church Maint Mat & Sup	1,200.00	133.13	1,066.87	11%
43200	6000	225Rams Maint Mat & Sup	1,200.00	2,560.14	(1,360.14)	213%
43200	6000	524West Maint Mat & Sup	1,000.00	464.85	535.15	46%
43200	6000	AIRec Maint Mat & Sup	2,000.00	656.09	1,343.91	33%
43200	6000	AIOff Maint Mat & Sup	6,000.00	1,117.14	4,882.86	19%
43200	6000	AIPool Maint Mat & Sup	5,000.00	328.17	4,671.83	7%
43200	6000	AIBase Maint Mat & Sup	4,000.00	1,800.73	2,199.27	45%
43200	6000	AI Soc Maint Mat & Sup	8,500.00	4,217.13	4,282.87	50%
43200	6000	106Church Maint Mat & Sup	500.00	0.00	500.00	0%
43200	6000	Kohn Maint Mat & Sup	1,000.00	0.00	1,000.00	0%
43200	6000	32EMain Maint Mat & Sup	500.00	0.00	500.00	0%
43200	6000	36EMain Maint Mat & Sup	500.00	0.00	500.00	0%
43200	6000	311EMain Maint Mat & Sup	1,000.00	0.00	1,000.00	0%
43200	6000	309WMain Maint Mat & Sup	500.00	0.00	500.00	0%
43200	6000	129Rams Maint Mat & Sup	600.00	0.00	600.00	0%
43200	6000	CustdlSrves Materials&Supplies	3,608.98	3,813.50	(204.52)	106%
43200	6008	Maintenanc Vehicle Fuel	8,000.00	4,433.17	3,566.83	55%
<b>43200-General Property Maintenance - All Accounts Total</b>			<b>900,084.68</b>	<b>519,325.76</b>	<b>380,758.92</b>	<b>58%</b>
51100-Local Health Department						
51100	5600	Local Health Dept Contribution	200,000.00	143,751.25	56,248.75	72%
<b>51100-Local Health Department Total</b>			<b>200,000.00</b>	<b>143,751.25</b>	<b>56,248.75</b>	<b>72%</b>
51200-Our Health						
51200	5600	Our Health Entity Gift	6,500.00	6,500.00	0.00	100%
<b>51200-Our Health Total</b>			<b>6,500.00</b>	<b>6,500.00</b>	<b>0.00</b>	<b>100%</b>
52400-N Shen Valley Subst Abuse Coal						
52400	5600	N Shen Vally Sub Abuse Coal Co	15,000.00	11,250.00	3,750.00	75%
<b>52400-N Shen Valley Subst Abuse Coal Total</b>			<b>15,000.00</b>	<b>11,250.00</b>	<b>3,750.00</b>	<b>75%</b>
52500-Northwestern Community Svcs						
52500	5600	NW Community Svc Entity Gift	111,284.00	83,463.00	27,821.00	75%
<b>52500-Northwestern Community Svcs Total</b>			<b>111,284.00</b>	<b>83,463.00</b>	<b>27,821.00</b>	<b>75%</b>
52800-Concern Hotline						
52800	5600	Concern Hotline Entity Gift	1,500.00	1,500.00	0.00	100%
<b>52800-Concern Hotline Total</b>			<b>1,500.00</b>	<b>1,500.00</b>	<b>0.00</b>	<b>100%</b>
52900-NW Works						
52900	5600	NW Works Entity Gift	5,000.00	5,000.00	0.00	100%
<b>52900-NW Works Total</b>			<b>5,000.00</b>	<b>5,000.00</b>	<b>0.00</b>	<b>100%</b>
53230-Shenandoah Area Agency on Aging						
53230	5600	Seniors First EntityGift	42,000.00	31,500.00	10,500.00	75%
<b>53230-Shenandoah Area Agency on Aging Total</b>			<b>42,000.00</b>	<b>31,500.00</b>	<b>10,500.00</b>	<b>75%</b>
53240-VA Regional Transp Assn						
53240	5600	Virginia Regional Transit Cont	24,960.00	18,720.00	6,240.00	75%

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FUNCTION	OBJECT	ACCOUNT DESCRIPTION	REVISED BUDGET	YTD EXPENDED	AVAILABLE BUDGET	% Used
<b>53240-VA Regional Transp Assn Total</b>			<b>24,960.00</b>	<b>18,720.00</b>	<b>6,240.00</b>	<b>75%</b>
53250-FISH of Clarke County						
53250	5600	FISH of Clarke County Contr	2,000.00	2,000.00	0.00	100%
<b>53250-FISH of Clarke County Total</b>			<b>2,000.00</b>	<b>2,000.00</b>	<b>0.00</b>	<b>100%</b>
53600-Access Independence						
53600	5600	Access Independence Contr	2,000.00	2,000.00	0.00	100%
<b>53600-Access Independence Total</b>			<b>2,000.00</b>	<b>2,000.00</b>	<b>0.00</b>	<b>100%</b>
53700-The Laurel Ctr (Women's Shltr)						
53700	5600	Laurel Center Contribution	6,000.00	6,000.00	0.00	100%
<b>53700-The Laurel Ctr (Women's Shltr) Total</b>			<b>6,000.00</b>	<b>6,000.00</b>	<b>0.00</b>	<b>100%</b>
53710-Tax Relief for the Elde						
53710	5600	Tax Relief for the Elderly	215,000.00	0.00	215,000.00	0%
<b>53710-Tax Relief for the Elde Total</b>			<b>215,000.00</b>	<b>0.00</b>	<b>215,000.00</b>	<b>0%</b>
69100-Lord Fairfax Community College						
69100	5600	Laurel Ridge Comm College Cont	16,921.00	12,690.75	4,230.25	75%
<b>69100-Lord Fairfax Community College Total</b>			<b>16,921.00</b>	<b>12,690.75</b>	<b>4,230.25</b>	<b>75%</b>
71100-Parks Administration						
71100	1100	Parks Adm Salaries	333,830.00	194,733.63	139,096.37	58%
71100	1300	Parks Adm Part Time Salaries	26,036.00	15,720.77	10,315.23	60%
71100	2100	Parks Adm FICA	27,740.00	14,783.43	12,956.57	53%
71100	2210	Parks Adm VRS 1&2	38,424.00	22,413.79	16,010.21	58%
71100	2220	Parks Adm VRS Hybrid	0.00	0.00	0.00	100%
71100	2300	Parks Adm Health Ins	58,745.10	34,268.78	24,476.32	58%
71100	2400	Parks Adm Life Ins	4,474.00	2,609.39	1,864.61	58%
71100	2510	Parks Adm Dis Ins Hybrid	0.00	0.00	0.00	100%
71100	2700	Parks Adm Workers Comp	6,157.81	5,463.02	694.79	89%
71100	3000	Parks Adm Pur Svcs	570.00	0.00	570.00	0%
71100	3180	Parks Adm Credit Card Fees	12,999.00	2,624.71	10,374.29	20%
71100	3320	Parks Adm Maint Contracts	930.00	262.50	667.50	28%
71100	3500	Parks Adm Printing & Binding	395.00	70.00	325.00	18%
71100	3600	Parks Adm Advertising	1,500.00	250.00	1,250.00	17%
71100	5210	Parks Adm Postal Svcs	1,322.45	0.00	1,322.45	0%
71100	5230	Parks Adm Telephone	1,000.00	567.55	432.45	57%
71100	5400	Parks Adm Leases & Rentals	3,204.44	1,751.09	1,453.35	55%
71100	5500	Parks Adm Travel	2,190.00	52.75	2,137.25	2%
71100	5810	Parks Adm Dues & Memb	2,099.00	1,550.00	549.00	74%
71100	6000	Parks Adm Mat & Sup	5,218.48	2,241.90	2,976.58	43%
71100	6008	Parks Adm Vehicle Fuel	1,000.00	195.88	804.12	20%
71100	6011	Parks Adm Clothing	1,300.00	639.23	660.77	49%
71100	8200	Parks Adm Capital Outlay Add	969.01	969.01	0.00	100%
<b>71100-Parks Administration Total</b>			<b>530,104.29</b>	<b>301,167.43</b>	<b>228,936.86</b>	<b>57%</b>
71310-Recreation Center						
71310	1100	Rec Center Salaries	63,270.00	36,907.64	26,362.36	58%
71310	1300	Rec Center Part Time Salaries	64,744.00	32,344.03	32,399.97	50%
71310	2100	Rec Center FICA	9,739.00	5,264.01	4,474.99	54%
71310	2210	Rec Center VRS 1&2	7,282.00	4,248.09	3,033.91	58%
71310	2300	Rec Center Health Ins	10,153.76	5,922.98	4,230.78	58%
71310	2400	Rec Center Life Ins	848.00	494.55	353.45	58%

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FUNCTION	OBJECT	ACCOUNT DESCRIPTION	REVISED BUDGET	YTD EXPENDED	AVAILABLE BUDGET	% Used
71310	2700	Rec Center Workers Comp	1,989.94	1,750.74	239.20	88%
71310	3600	Rec Center Advertising	1,000.00	722.00	278.00	72%
71310	5830	Rec Center Refunds	1,500.00	440.00	1,060.00	29%
71310	6000	Rec Center Mat & Sup	7,595.00	2,356.83	5,238.17	31%
71310	6012	Rec Center Merch for Resale	4,000.00	1,122.07	2,877.93	28%
71310	8200	Rec Center Capital Outlay Adds	0.00	5,996.05	(5,996.05)	100%
<b>71310-Recreation Center Total</b>			<b>172,121.70</b>	<b>97,568.99</b>	<b>74,552.71</b>	<b>57%</b>
71320-Swimming Pool						
71320	1200	Pool Overtime	0.00	137.44	(137.44)	100%
71320	1300	Pool Part Time Salaries	73,985.00	58,852.92	15,132.08	80%
71320	2100	Pool FICA	5,660.00	4,508.29	1,151.71	80%
71320	2300	Pool Health Ins	0.00	161.29	(161.29)	100%
71320	2700	Pool Workers Comp	1,160.80	1,011.83	148.97	87%
71320	3000	Pool Pur Svcs	1,500.00	0.00	1,500.00	0%
71320	5500	Pool Travel	275.00	0.00	275.00	0%
71320	5810	Pool Dues & Memb	1,800.00	1,365.00	435.00	76%
71320	5830	Pool Refunds	3,000.00	909.50	2,090.50	30%
71320	6000	Pool Mat & Sup	2,595.00	1,332.46	1,262.54	51%
71320	6011	Pool Clothing	1,745.00	0.00	1,745.00	0%
71320	6012	Pool Merch for Resale	680.00	0.00	680.00	0%
71320	6026	Pool Chemicals	10,000.00	1,455.93	8,544.07	15%
71320	8200	Pool Capital Outlay Adds	2,939.70	2,939.70	0.00	100%
<b>71320-Swimming Pool Total</b>			<b>105,340.50</b>	<b>72,674.36</b>	<b>32,666.14</b>	<b>69%</b>
71350-Parks Programs						
71350	1100	Programs Salaries	90,624.00	52,742.13	37,881.87	58%
71350	1300	Programs Part Time Salaries	135,659.00	46,325.81	89,333.19	34%
71350	2100	Programs FICA	14,725.00	7,422.87	7,302.13	50%
71350	2210	Programs VRS 1&2	10,407.00	6,070.61	4,336.39	58%
71350	2300	Programs Health Ins	9,626.84	5,666.94	3,959.90	59%
71350	2400	Programs Life Ins	1,212.00	706.72	505.28	58%
71350	2700	Programs Workers Comp	3,010.19	2,636.88	373.31	88%
71350	3000	Programs Pur Svcs	50,000.00	13,018.36	36,981.64	26%
71350	3500	Programs Printing & Binding	5,000.00	2,059.21	2,940.79	41%
71350	3600	Programs Advertising	2,000.00	0.00	2,000.00	0%
71350	5210	Programs Postal Svcs	100.00	0.00	100.00	0%
71350	5230	Programs Telephone	0.00	460.94	(460.94)	100%
71350	5400	Programs Leases & Rentals	315.00	0.00	315.00	0%
71350	5560	Programs Group Trip	42,176.00	1,265.00	40,911.00	3%
71350	5810	Programs Dues & Memb	200.00	0.00	200.00	0%
71350	5830	Programs Refunds	11,000.00	1,176.00	9,824.00	11%
71350	6000	Programs Mat & Sup	15,000.00	4,589.59	10,410.41	31%
71350	6011	Programs Clothing	1,650.00	290.29	1,359.71	18%
71350	6012	Programs Merch for Resale	5,821.00	23.38	5,797.62	0%
<b>71350-Parks Programs Total</b>			<b>398,526.03</b>	<b>144,454.73</b>	<b>254,071.30</b>	<b>36%</b>
71360-Concession Stand						
71360	1300	Concession Part Time Salaries	6,324.00	5,101.77	1,222.23	81%
71360	2100	Concession FICA	484.00	390.31	93.69	81%
71360	6000	Concession Mat & Sup	250.00	88.02	161.98	35%

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71360	6012	Concession Merch for Resale	15,800.00	5,132.62	10,667.38	32%
<b>71360-Concession Stand Total</b>			<b>22,858.00</b>	<b>10,712.72</b>	<b>12,145.28</b>	<b>47%</b>
72240-Barns of Rose Hill						
72240	5600	Barns of Rose Hill Contr	14,000.00	14,000.00	0.00	100%
<b>72240-Barns of Rose Hill Total</b>			<b>14,000.00</b>	<b>14,000.00</b>	<b>0.00</b>	<b>100%</b>
72700-VA Commission for the Arts						
72700	5600	VA Comm for Arts Contr	9,000.00	9,000.00	0.00	100%
<b>72700-VA Commission for the Arts Total</b>			<b>9,000.00</b>	<b>9,000.00</b>	<b>0.00</b>	<b>100%</b>
73200-Handley Regional Library						
73200	5600	Handley Regional Library Contr	325,989.00	244,491.75	81,497.25	75%
<b>73200-Handley Regional Library Total</b>			<b>325,989.00</b>	<b>244,491.75</b>	<b>81,497.25</b>	<b>75%</b>
81110-Planning Administration						
81110	1100	Plan Adm Salaries	328,157.00	190,222.67	137,934.33	58%
81110	1300	Plan Adm Part Time Salaries	36,000.00	22,919.40	13,080.60	64%
81110	2100	Plan Adm FICA	26,720.00	15,522.24	11,197.76	58%
81110	2210	Plan Adm VRS 1&2	23,868.00	13,922.86	9,945.14	58%
81110	2220	Plan Adm VRS Hybrid	13,904.00	7,971.79	5,932.21	57%
81110	2300	Plan Adm Health Ins	40,351.10	24,817.52	15,533.58	62%
81110	2400	Plan Adm Life Ins	4,397.00	2,548.90	1,848.10	58%
81110	2510	Plan Adm Dis Ins Hybrid	638.00	365.70	272.30	57%
81110	2700	Plan Adm Workers Comp	4,800.59	4,336.41	464.18	90%
81110	3000	Plan Adm Pur Svcs	15,000.00	1,838.75	13,161.25	12%
81110	3140	Plan Adm Engineer & Architect	20,000.00	0.00	20,000.00	0%
81110	3140	Plan Adm Pass Thru Eng Fees	10,000.00	6,900.00	3,100.00	69%
81110	3500	Plan Adm Printing & Binding	2,000.00	0.00	2,000.00	0%
81110	5210	Plan Adm Postal Svcs	1,200.00	232.34	967.66	19%
81110	5230	Plan Adm Telephone	400.00	529.59	(129.59)	132%
81110	5500	Plan Adm Travel	2,700.00	574.91	2,125.09	21%
81110	5510	Plan Adm Local Mileage	1,000.00	362.94	637.06	36%
81110	5810	Plan Adm Dues & Memb	150.00	578.66	(428.66)	386%
81110	6000	Plan Adm Mat & Sup	2,500.00	850.61	1,649.39	34%
<b>81110-Planning Administration Total</b>			<b>533,785.69</b>	<b>294,495.29</b>	<b>239,290.40</b>	<b>55%</b>
81120-Planning Commission						
81120	1300	Plan Com Part Time Salaries	500.00	100.00	400.00	20%
81120	2100	Plan Com FICA	38.00	7.65	30.35	20%
81120	2700	Plan Com Workers Comp	7.66	6.79	0.87	89%
81120	3160	Plan Com Board Member Fees	8,000.00	4,950.00	3,050.00	62%
81120	3600	Plan Com Advertising	4,000.00	1,494.46	2,505.54	37%
81120	5210	Plan Com Postal Svcs	100.00	22.41	77.59	22%
81120	5500	Plan Com Travel	1,750.00	0.00	1,750.00	0%
<b>81120-Planning Commission Total</b>			<b>14,395.66</b>	<b>6,581.31</b>	<b>7,814.35</b>	<b>46%</b>
81130-Berryville Dev Authority						
81130	1300	BryDevAuth Part Time Salaries	0.00	50.00	(50.00)	100%
81130	2100	BryDevAuth FICA	0.00	3.82	(3.82)	100%
81130	3160	BryDevAuth Board Member Fees	900.00	100.00	800.00	11%
<b>81130-Berryville Dev Authority Total</b>			<b>900.00</b>	<b>153.82</b>	<b>746.18</b>	<b>17%</b>
81140-Regional Airport Authority						
81140	5600	Regional Airport Auth Contr	5,000.00	5,000.00	0.00	100%

**Clarke County**  
**FY 24 YTD Budget Report**  
**January 31, 2024**

FUNCTION	OBJECT	ACCOUNT DESCRIPTION	REVISED BUDGET	YTD EXPENDED	AVAILABLE BUDGET	% Used
<b>81140-Regional Airport Authority Total</b>			<b>5,000.00</b>	<b>5,000.00</b>	<b>0.00</b>	<b>100%</b>
81310-Help With Housing						
81310	5600	Habitat for Humanity	10,000.00	10,000.00	0.00	100%
<b>81310-Help With Housing Total</b>			<b>10,000.00</b>	<b>10,000.00</b>	<b>0.00</b>	<b>100%</b>
81400-Board of Zoning Appeals						
81400	1300	BrdZonApp Part Time Salaries	250.00	0.00	250.00	0%
81400	2100	BrdZonApp FICA	19.00	0.00	19.00	0%
81400	3000	BrdZonApp Pur Svcs	2,000.00	2,083.75	(83.75)	104%
81400	3160	BrdZonApp Board Member Fees	500.00	0.00	500.00	0%
81400	3600	BrdZonApp Advertising	700.00	0.00	700.00	0%
81400	5210	BrdZonApp Postal Svcs	50.00	0.00	50.00	0%
<b>81400-Board of Zoning Appeals Total</b>			<b>3,519.00</b>	<b>2,083.75</b>	<b>1,435.25</b>	<b>59%</b>
81510-Office of Economic Development						
81510	1100	Econ Dev Salaries	74,190.00	40,710.87	33,479.13	55%
81510	2100	Econ Dev FICA	6,445.00	3,050.09	3,394.91	47%
81510	2220	Econ Dev VRS Hybrid	9,696.00	4,172.40	5,523.60	43%
81510	2300	Econ Dev Health Ins	10,052.00	5,863.62	4,188.38	58%
81510	2400	Econ Dev Life Ins	1,129.00	485.76	643.24	43%
81510	2510	Econ Dev Dis Ins Hybrid	445.00	191.40	253.60	43%
81510	2700	Econ Dev Workers Comp	1,267.02	1,144.71	122.31	90%
81510	3000	Econ Dev Pur Svcs	45,000.00	1,358.83	43,641.17	3%
81510	3320	Econ Dev Maint Svc Contracts	2,000.00	0.00	2,000.00	0%
81510	3500	Econ Dev Printing & Binding	6,000.00	0.00	6,000.00	0%
81510	3600	Econ Dev Advertising	4,000.00	0.00	4,000.00	0%
81510	5210	Econ Dev Postal Svcs	100.00	24.10	75.90	24%
81510	5230	Econ Dev Telephone	550.00	291.53	258.47	53%
81510	5500	Econ Dev Travel	500.00	726.24	(226.24)	145%
81510	5510	Econ Dev Local Mileage	310.00	235.92	74.08	76%
81510	5800	Econ Dev Miscellaneous Expendi	500.00	0.00	500.00	0%
81510	5810	Econ Dev Dues & Memb	13,927.00	6,354.00	7,573.00	46%
81510	6000	Econ Dev Mat & Sup	1,000.00	371.32	628.68	37%
<b>81510-Office of Economic Development Total</b>			<b>177,111.02</b>	<b>64,980.79</b>	<b>112,130.23</b>	<b>37%</b>
81530-Small Business Dev Center						
81530	5600	Small Bus Dev Ctr Contrib	2,000.00	2,000.00	0.00	100%
<b>81530-Small Business Dev Center Total</b>			<b>2,000.00</b>	<b>2,000.00</b>	<b>0.00</b>	<b>100%</b>
81540-Blandy Experimental Farm						
81540	5600	Blandy Exp Farm Contrib	3,500.00	3,500.00	0.00	100%
<b>81540-Blandy Experimental Farm Total</b>			<b>3,500.00</b>	<b>3,500.00</b>	<b>0.00</b>	<b>100%</b>
81550-Berryville Main Street						
81550	5600	B'ville Main St Contribution	3,500.00	3,500.00	0.00	100%
<b>81550-Berryville Main Street Total</b>			<b>3,500.00</b>	<b>3,500.00</b>	<b>0.00</b>	<b>100%</b>
81800-Historic Preservation Comm						
81800	1300	HstPrvCom Part Time Salaries	0.00	775.00	(775.00)	100%
81800	2100	HstPrvCom FICA	0.00	59.29	(59.29)	100%
81800	3000	HstPrvCom Pur Svcs	9,500.00	4,508.00	4,992.00	47%
81800	3160	HstPrvCom Board Member Fees	1,000.00	275.00	725.00	28%
81800	3600	HstPrvCom Advertising	300.00	479.26	(179.26)	160%
81800	5210	HstPrvCom Postal Svcs	50.00	0.00	50.00	0%

**Clarke County**  
**FY 24 YTD Budget Report**  
**January 31, 2024**

FUNCTION	OBJECT	ACCOUNT DESCRIPTION	REVISED BUDGET	YTD EXPENDED	AVAILABLE BUDGET	% Used
81800	5500	HstPrvCom Travel	50.00	0.00	50.00	0%
81800	6000	HstPrvCom Mat & Sup	250.00	0.00	250.00	0%
<b>81800-Historic Preservation Comm Total</b>			<b>11,150.00</b>	<b>6,096.55</b>	<b>5,053.45</b>	<b>55%</b>
81910-Northern Shen Valley Reg Comm						
81910	5600	NSVRC EntityGift	11,866.59	11,867.00	(0.41)	100%
<b>81910-Northern Shen Valley Reg Comm Total</b>			<b>11,866.59</b>	<b>11,867.00</b>	<b>(0.41)</b>	<b>100%</b>
82210-Water Quality Management						
82210	3000	Water Qual Pur Svcs	30,760.00	8,305.00	22,455.00	27%
<b>82210-Water Quality Management Total</b>			<b>30,760.00</b>	<b>8,305.00</b>	<b>22,455.00</b>	<b>27%</b>
82220-Friends of the Shenandoah						
82220	5600	Friends of Shenandoah Contr	10,000.00	10,000.00	0.00	100%
<b>82220-Friends of the Shenandoah Total</b>			<b>10,000.00</b>	<b>10,000.00</b>	<b>0.00</b>	<b>100%</b>
82230-Board of Septic Appeals						
82230	1300	BrdSepApp Part Time Salaries	200.00	0.00	200.00	0%
82230	2100	BrdSepApp FICA	15.00	0.00	15.00	0%
82230	2700	BrdSepApp Workers Comp	6.90	0.00	6.90	0%
82230	3000	BrdSepApp Pur Svcs	500.00	0.00	500.00	0%
82230	3160	BrdSepApp Board Member Fees	250.00	0.00	250.00	0%
82230	3600	BrdSepApp Advertising	500.00	0.00	500.00	0%
82230	5210	BrdSepApp Postal Svcs	100.00	0.00	100.00	0%
<b>82230-Board of Septic Appeals Total</b>			<b>1,571.90</b>	<b>0.00</b>	<b>1,571.90</b>	<b>0%</b>
82400-LF Soil & Water Cons Dist						
82400	5600	Lord Fairfax S&W Contr	9,500.00	9,500.00	0.00	100%
<b>82400-LF Soil &amp; Water Cons Dist Total</b>			<b>9,500.00</b>	<b>9,500.00</b>	<b>0.00</b>	<b>100%</b>
82600-Bio-solids Application						
82600	1300	Biosolids Part Time Salaries	1,000.00	0.00	1,000.00	0%
82600	2100	Biosolids FICA	76.00	0.00	76.00	0%
82600	2700	Biosolids Workers Comp	15.33	13.59	1.74	89%
<b>82600-Bio-solids Application Total</b>			<b>1,091.33</b>	<b>13.59</b>	<b>1,077.74</b>	<b>1%</b>
83100-Cooperative Extension Program						
83100	3320	Coop Ext Maint Contracts	800.00	370.93	429.07	46%
83100	3841	Coop Ext VPI Agent	58,768.59	10,047.37	48,721.22	17%
83100	5210	Coop Ext Postal Svcs	500.00	35.91	464.09	7%
83100	5230	Coop Ext Telephone	200.00	0.00	200.00	0%
83100	5810	Coop Ext Dues & Memb	150.00	0.00	150.00	0%
83100	6000	Coop Ext Mat & Sup	1,500.00	68.39	1,431.61	5%
<b>83100-Cooperative Extension Program Total</b>			<b>61,918.59</b>	<b>10,522.60</b>	<b>51,395.99</b>	<b>17%</b>
83400-4-H Center						
83400	5600	4-H Center EntityGift	2,000.00	2,000.00	0.00	100%
<b>83400-4-H Center Total</b>			<b>2,000.00</b>	<b>2,000.00</b>	<b>0.00</b>	<b>100%</b>
91600-Contingency Reserves						
91600	1000	Reserve Personnel	19,638.00	0.00	19,638.00	0%
91600	3140	Reserve Engineer & Architect	5,000.00	0.00	5,000.00	0%
91600	3150	Reserve Legal Svcs	10,000.00	0.00	10,000.00	0%
91600	8000	Reserve Capital Outlay	20,000.00	0.00	20,000.00	0%
<b>91600-Contingency Reserves Total</b>			<b>54,638.00</b>	<b>0.00</b>	<b>54,638.00</b>	<b>0%</b>
92500-Rev Refunds - Ins Claim Reimb						
92500	5830	Rev Rf Insurance Claim Reimb	0.00	10,284.80	(10,284.80)	100%



**Clarke County**  
**FY 24 YTD Budget Report**  
**January 31, 2024**

<b>FUNCTION</b>	<b>OBJECT</b>	<b>ACCOUNT DESCRIPTION</b>	<b>REVISED BUDGET</b>	<b>YTD EXPENDED</b>	<b>AVAILABLE BUDGET</b>	<b>% Used</b>
<b>92500-Rev Refunds - Ins Claim Reimb Total</b>			<b>0.00</b>	<b>10,284.80</b>	<b>(10,284.80)</b>	<b>100%</b>
92600-Rev Refunds - Ambulance						
92600	5830	Rev Rf Ambulance Svcs Refunds	0.00	4,944.13	(4,944.13)	100%
<b>92600-Rev Refunds - Ambulance Total</b>			<b>0.00</b>	<b>4,944.13</b>	<b>(4,944.13)</b>	<b>100%</b>
<b>Grand Total</b>			<b>14,835,589.88</b>	<b>8,560,766.43</b>	<b>6,274,823.45</b>	<b>58%</b>

**Reconciliation of Appropriations**

Year Ending June 30, 2024

Date	Total	General Fund	Soc Svcs Fund	CSA Fund	Sch Oper Fund	Food Serv Fund	GG Cap Fund	School Cap Fund	GG Debt Fund	School Debt Fund	Joint Fund	Conservation Easements	Unemploy. Fund	Health Fund
<b>04/18/23 Appropriations Resolution: Total</b>	<b>54,257,910</b>	<b>14,737,603</b>	<b>2,013,734</b>	<b>410,764</b>	<b>27,585,063</b>	<b>1,565,391</b>	<b>3,621,318</b>	<b>779,256</b>	<b>251,700</b>	<b>2,289,543</b>	<b>903,538</b>	<b>90,000</b>	<b>10,000</b>	<b>0</b>
<i>Adjustments:</i>														
5/16/2023 Double Tollgate Pump Station Design Work							441,105							
8/15/2023 Barns of Rose Hill endowment fund match		5,000												
9/19/2023 Fire & Rescue PPE - ballistic vests		4,500												
9/19/2023 Fire & Rescue PPE - turnout gear		20,751												
10/17/2023 FY23 School Capital Carryforward										1,077,519				
10/17/2023 FY23 School Operating Carryforward										97,957				
10/17/2023 FY23 Government Capital Carryforward							1,155,765							
10/17/2023 Sheriff's Ofc PSAP Retention Grant		27,500												
10/17/2023 FY24 Parks Admin-park bench & swim team lap lanes		3,909												
10/17/2023 FY24 Capital Projects-Zero Depth Entry Pool							58,806							
11/21/2023 FY24 New Deputy 1 Position-Treasurer's Office		52,545												
11/21/2023 FY24 Capital Projects - Remaining ARPA funds							98,584							
12/19/2023 CSA FY24 supplemental request				448,008										
12/19/2023 Planning Dept - Addtl Litter Control Grant funds		8,552												
12/19/2023 Sheriff's Ofc - Addtl ARPA funds							5,000							
12/19/2023 Registrar's Ofc - VDEM Homeland Security Grant							45,000							
12/19/2023 Courthouse Greent Project							83,425							
12/19/2023 CCPS - Addtl State Rev (All-in VA & Comp Supp)					290,898									
<b>Revised Appropriation</b>	<b>58,182,734</b>	<b>14,860,360</b>	<b>2,013,734</b>	<b>858,772</b>	<b>27,875,961</b>	<b>1,565,391</b>	<b>5,509,003</b>	<b>1,954,732</b>	<b>251,700</b>	<b>2,289,543</b>	<b>903,538</b>	<b>90,000</b>	<b>10,000</b>	<b>0</b>
<b>Change to Appropriation</b>	<b>3,924,824</b>	<b>122,757</b>	<b>0</b>	<b>448,008</b>	<b>290,898</b>	<b>0</b>	<b>1,887,685</b>	<b>1,175,476</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Original Revenue Estimate</b>	<b>20,747,872</b>	<b>3,619,165</b>	<b>1,317,940</b>	<b>213,721</b>	<b>12,845,282</b>	<b>1,565,391</b>	<b>176,318</b>	<b>779,256</b>	<b>0</b>	<b>185,799</b>	<b>0</b>	<b>45,000</b>	<b>0</b>	<b>0</b>
<i>Adjustments:</i>														
9/19/2023 Fire & Rescue PPE - ballistic vests		4,500												
10/17/2023 FY23 School Capital Carryforward										815,064				
10/17/2023 FY23 Government Capital Carryforward							141,708							
10/17/2023 Sheriff's Ofc PSAP Retention Grant		27,500												
10/17/2023 FY24 Parks Admin-park bench & swim team lap lanes		3,909												
10/17/2023 FY24 Capital Projects-Zero Depth Entry Pool							58,806							
11/21/2023 FY24 New Deputy 1 Position-Treasurer's Office		14,711												
11/21/2023 FY24 Capital Projects - Remaining ARPA funds							98,584							
12/19/2023 CSA FY24 supplemental request				359,133										
12/19/2023 Planning Dept - Addtl Litter Control Grant funds		8,552												
12/19/2023 Sheriff's Ofc - Addtl ARPA funds							5,000							
12/19/2023 Registrar's Ofc - Homeland Security Grant VDEM							45,000							
12/19/2023 CCPS - Addtl State Rev (All-in VA & Comp Supp)					290,898									
<b>Revised Revenue Estimate</b>	<b>22,621,237</b>	<b>3,678,337</b>	<b>1,317,940</b>	<b>572,854</b>	<b>13,136,180</b>	<b>1,565,391</b>	<b>525,416</b>	<b>1,594,320</b>	<b>0</b>	<b>185,799</b>	<b>0</b>	<b>45,000</b>	<b>0</b>	<b>0</b>
<b>Change to Revenue Estimate</b>	<b>1,873,365</b>	<b>59,172</b>	<b>0</b>	<b>359,133</b>	<b>290,898</b>	<b>0</b>	<b>349,098</b>	<b>815,064</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Original Local Tax Funding</b>	<b>33,510,038</b>	<b>11,118,438</b>	<b>695,794</b>	<b>197,043</b>	<b>14,739,781</b>	<b>0</b>	<b>3,445,000</b>	<b>0</b>	<b>251,700</b>	<b>2,103,744</b>	<b>903,538</b>	<b>45,000</b>	<b>10,000</b>	<b>0</b>
<b>Revised Local Tax Funding</b>	<b>35,561,497</b>	<b>11,182,023</b>	<b>695,794</b>	<b>285,918</b>	<b>14,739,781</b>	<b>0</b>	<b>4,983,587</b>	<b>360,412</b>	<b>251,700</b>	<b>2,103,744</b>	<b>903,538</b>	<b>45,000</b>	<b>10,000</b>	<b>0</b>
<b>Change to Local Tax Funding</b>	<b>2,051,459</b>	<b>63,585</b>	<b>0</b>	<b>88,875</b>	<b>0</b>	<b>0</b>	<b>1,538,587</b>	<b>360,412</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

*Italics = Proposed actions*

## YEAR-TO-DATE BUDGET REPORT

FOR 2024 13

	ORIGINAL APPROP	TRANFRS/ ADJSTMTS	REVISED BUDGET	YTD EXPENDED	ENCUMBRANCES	AVAILABLE BUDGET	PCT USED
<b>301 General Govt Capital Proj Fund</b>							
94110 HVAC System Replacement	0	212,058	212,058	142,585.55	.00	69,472.45	67.2%
94120 Roofing	0	26,465	26,465	18,900.00	8,465.00	-900.00	103.4%
94130 Painting and Flooring	0	70,413	70,413	.00	8,470.00	61,943.00	12.0%
94140 Landscaping	0	7,336	7,336	.00	.00	7,336.00	.0%
94141 Courthouse Green Project	0	105,954	105,954	1,786.25	8,721.22	95,446.53	9.9%
94182 Circuit Courthouse Renovation	0	19,536	19,536	16,583.43	4,536.00	-1,583.43	108.1%
94310 Sheriff's Equipment	211,250	20,605	231,855	55,044.44	8,769.75	168,040.81	27.5%
94326 Fire/EMS Vehicle	50,000	0	50,000	50,000.00	.00	.00	100.0%
94327 Fire/EMS Pers Protective Equi	300,000	0	300,000	9,126.09	281,062.20	9,811.71	96.7%
94331 Sheriff's Vehicles	228,750	23,689	252,439	211,105.26	8,184.92	33,148.82	86.9%
94410 Health & Human Svcs Space	0	40,000	40,000	.00	.00	40,000.00	.0%
94501 Berryville Business Park	0	22,696	22,696	515.96	8,500.00	13,680.20	39.7%
94505 Double TollGate	0	441,105	441,105	281,357.66	.00	159,747.34	63.8%
94601 Technology Improvements	0	6,118	6,118	.00	.00	6,118.00	.0%
94603 Mobile Radio System	445,000	-344,844	100,156	61,318.31	.00	38,837.69	61.2%
94604 911 Phone System	0	14,947	14,947	19,929.98	.00	-4,982.98	133.3%
94606 Broadband	2,160,000	0	2,160,000	1,080,000.00	.00	1,080,000.00	50.0%
94610 Mobile Radios EMS	0	453,383	453,383	72,506.26	269,527.72	111,349.02	75.4%
94611 Avenity-Tax Software	0	244,600	244,600	171,436.48	68,163.52	5,000.00	98.0%
94702 Swimming Pool	200,000	86,951	286,951	165,739.80	105,915.00	15,296.16	94.7%
94703 Park Repairs	0	72,250	72,250	3,000.00	12,305.00	56,945.00	21.2%
94707 Recreation Center Addition	0	4,200	4,200	4,200.00	.00	.00	100.0%
94711 Baseball Fields	0	8,000	8,000	.00	.00	8,000.00	.0%
94802 Reassessment	0	304,027	304,027	16,972.50	288,312.50	-1,258.00	100.4%
94803 Tourism Signs	0	28,197	28,197	.00	.00	28,197.00	.0%
94804 DeedBookRestoration	26,318	0	26,318	.00	.00	26,318.00	.0%
94805 SHSP Ensuring Election Secrty	0	45,000	45,000	.00	.00	45,000.00	.0%
<b>GRAND TOTAL</b>	<b>3,621,318</b>	<b>1,912,686</b>	<b>5,534,004</b>	<b>2,382,107.97</b>	<b>1,080,932.83</b>	<b>2,070,963.32</b>	<b>62.6%</b>

\*\* END OF REPORT - Generated by Brenda Bennett \*\*