



ADDENDUM #1

ITB/RFP NUMBER: 2022030-PW-P

**Inspection, Testing, Maintenance & Repair Services for Fire Sprinkler Systems,
Backflow Preventer & Fire Pump RFP**

DATE: June 10, 2022

TO: All Potential Bidders/Offerors

City of Harrisonburg's RFP, is modified as follows:

1. Question: May we receive the last Annual Inspection (Sprinkler, Backflow, Fire pump) report to identify systems and building locations in the city?

Answer: See attached for the most recent reports available.

All other requirements, terms and conditions of the ITB/RFP remain unchanged.

Addendum page must be signed and returned with your bid/proposal to acknowledge receipt of this addendum.

Authorized Signature

By: Shane B. Smith
Procurement Manager

"Report of Inspection & Testing in Accordance with NFPA Standards"
BY: Nicholson Sprinkler Corporation; 3609 Mayland Court; Richmond, VA 23233
Phone (804) 353-1822 Fax (804) 358-9047 or Email: nsckdc1994@aol.com

Report To: Brian Shull Date: June 8, 2021

Company: City of Harrisonburg

Address: 475 East Washington Street; Harrisonburg, VA 22802

Inspection No: 19

File No.: N/A

Building Inspected: City Hall

Copies To:

Building Address: 409 South Main Street; Harrisonburg, VA 22801

Inspection Frequency: Quarterly

Inspector: Homer Davenport

SPECIAL NOTES TO OWNER:

A. This inspection has been conducted in accordance with NFPA 25 "Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems."

B. NFPA 25, Section 1-4.4 states, "The owner or occupant shall correct or repair deficiencies, damaged parts, or impairments found while performing the inspection, test, and maintenance requirements of this standard."

C. Securing valves with lock and chain is an owner(s) responsibility.

D. All secured spaces within the structure shall be made accessible to the inspector to avoid returning and additional costs.

E. The inspection of pipe, fittings, devices, and components are visual only and do not reflect the actual internal conditions of systems.

F. NFPA 25 States, "The responsibility for properly maintaining a water based fire protection system shall be that of the owners(s)."

1. GENERAL (SEE OWNER'S NOTES ABOVE):

- | | |
|---|-----|
| A. Is occupancy the same as last inspection? | Yes |
| B. Are all new additions and building changes sprinkled? | N/A |
| C. Is sprinkler location adequate for any building changes? | N/A |
| D. Was customer informed of all NFPA #25 requirements? | Yes |
| E. Have all other NFPA #25 requirements pertaining to Sections 1-13 been fulfilled? | Yes |

2. ALARMS:

- | | |
|---|-----|
| A. Water motor gong test satisfactory? | N/A |
| B. Electric alarm test satisfactory? | Yes |
| C. Supervisory alarm test satisfactory? | Yes |

3. TANKS, FIRE DEPARTMENT CONNECTIONS, AND FIRE SERVICE MAINS:

- | | |
|--|-----|
| A. Do the gravity tanks, ground tanks, and pressure tanks appear to be in good condition and tested as required? | N/A |
| B. Are the fire department connections and ball drips in good condition, couplings free, caps on, and check valve tight? | Yes |
| C. Required private service mains and equipment testing, inspection, and maintenance performed? | Yes |

4. WET SYSTEMS: (See Section #10)

- | | |
|---|-----|
| A. Are cold weather valves open or closed as necessary? | N/A |
| B. Have anti-freeze loops been tested and in working order? | N/A |
| C. Do alarm valves, retards, and flow switches appear okay? | Yes |
| D. Equipment valves in good condition and accessible? | Yes |
| E. Hydraulic calculation signs made and installed per NFPA? | Yes |

SEE PAGE 3 SECTION #14 FOR EXPLANATION OF "NO" ANSWERS

5. DRY SYSTEMS: (See Section #11)

N/A

- A. Pre-Action valve and parts in good condition?
- B. Is air compressor and priming water level normal?
- C. Compressor and tank in good condition and the tanks drained?
- D. Were the low points drained in the fall?
- E. Quick opening device tested quarterly?
- F. Have pipes been checked for stoppage if required?
- G. Do pitch and low point drains appear satisfactory?
- H. Have pre-action valves been trip tested?
- I. Equipment valves in good condition and accessible?
- J. Hydraulic calculation signs made and installed per NFPA?

6. SPRINKLERS AND PIPING:

- A. Minimum of 40° heat available for all necessary areas and building able to maintain same? Yes
- B. Do all sprinklers appear to be in good condition, unobstructed, free of corrosion, paint, and loading? Yes
- C. Stock and storage properly below sprinklers? Yes
- D. Are sprinklers less than 50 years old? Yes
- E. Sprinkler head testing and or replacements current? Yes
- F. Are extra sprinklers and wrenches readily available? Yes
- G. Does condition of piping, drain and check valves, hangers, pressure gauges, open sprinklers, and strainers appear to be satisfactory? Yes

7. STANDPIPES AND HOSES:

- A. Have standpipes been flow tested in the last 5 years? Yes
- B. Have dry standpipes been hydrostatically test in the past 5 years? N/A
- C. Control and hose valves appear in god condition, unobstructed, caps on, and valves tested as required? Yes
- D. Hoses appear okay and test dates current? N/A

8. FIRE PUMP:

N/A

- A. All necessary pumps on and appear in good condition?
- B. Are all pump sensing lines in good condition?
- C. Fire pumps been performance tested in the last year?

9. BACKFLOW DEVICES:

- A. Does all equipment appear in good condition and accessible? Yes
- B. Have backflow preventer devices been tested in past year? Yes

10. **WET SYSTEMS:** Number of Systems? One Make & Model: 4-Floor Zones

11. **DRY SYSTEMS:** Number of Systems? None Make & Model: _____

Date of trip test? _____ Date of Full Flow Test? _____

Date piping checked for stoppage and pitch? _____

12. **WATER PRESSURES:** Public: 95 PSI

- A. Was a water flow test made and the results recorded? Yes

WATER FLOW TEST RESULTS

Test Pipe Located	Test Pipe Size	Static Before	Residual	Static After	Time for water pressure to return to normal?
1. Main Drain - "B"	2"	95	90	95	0 Seconds

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 BY: Nicholson Sprinkler Corporation; 3609 Mayland Court; Richmond, VA 23233
 Phone (804) 353-1822 Fax (804) 358-9047 or Email: nsckdc1994@aol.com

13. CONTROL VALVES:

- | | |
|---|-----|
| A. Are all control valves open as necessary? | Yes |
| B. Are all other valves in the proper position? | Yes |
| C. Are valves in good condition, sealed, supervised, secured, and signs on? | Yes |

CONTROL VALVES ON SITE

	No?	Type?	OPEN		SECURED		SIGNS		OPERATED/LUBED	
			Yes	No	Yes	No	Yes	No	Yes	NO
Backflow Control	2	BFLY	X		X			X	X	
System Control	4	BFLY	X		X		X		X	
Sectional Control	2	BFLY	X		X			X	X	
Yard Sectional										
City Control										

NOTES:

14. EXPLANATION OF NFPA #25 "NO" ANSWERS:

None

15. ADJUSTMENTS OR CORRECTIONS MADE:

NOTE:

Date Done	Description
11/2020	Annual walkthrough
11/2020	Backflow Preventer test was performed
05/2020	5-Year Maintenance was performed

16. Although these comments are not part of an engineering review or NFPA #25, the following improvements and/or corrections are recommended per the appropriate installation standards and practices:

None at this time

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BY: Nicholson Sprinkler Corporation; 3609 Mayland Court; Richmond, VA 23233
Phone (804) 353-1822 Fax (804) 358-9047 or Email: nsckc395@gmail.com

Report To: Brian Shull
Company: City of Harrisonburg
Address: 475 East Washington Street; Harrisonburg, VA 22802

Date: June 3, 2021

Inspection No: 12
Building Inspected: Waste Transfer Station
Building Address: 2055 Beery Road; Harrisonburg, VA 22801
Inspection Frequency: Quarterly

File No.: N/A
Copies To: Jeff Berry
Jeff.Berry@HarrisonburgVA.gov
Inspector: Homer Davenport

SPECIAL NOTES TO OWNER:

- A. This inspection has been conducted in accordance with NFPA 25 "Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems."
- B. NFPA 25, Section 1-4.4 states, "The owner or occupant shall correct or repair deficiencies, damaged parts, or impairments found while performing the inspection, test, and maintenance requirements of this standard."
- C. Securing valves with lock and chain is an owner(s) responsibility.
- D. All secured spaces within the structure shall be made accessible to the inspector to avoid returning and additional costs.
- E. The inspection of pipe, fittings, devices, and components are visual only and do not reflect the actual internal conditions of systems.
- F. NFPA 25 States, "The responsibility for properly maintaining a water based fire protection system shall be that of the owners(s)."

1. GENERAL (SEE OWNER'S NOTES ABOVE):

- | | |
|---|-----|
| A. Is occupancy the same as last inspection? | Yes |
| B. Are all new additions and building changes sprinkled? | N/A |
| C. Is sprinkler location adequate for any building changes? | N/A |
| D. Was customer informed of all NFPA #25 requirements? | N/A |
| E. Have all other NFPA #25 requirements pertaining to Sections 1-13 been fulfilled? | Yes |

2. ALARMS:

- | | |
|---|-----|
| A. Water motor gong test satisfactory? | N/A |
| B. Electric alarm test satisfactory? | Yes |
| C. Supervisory alarm test satisfactory? | Yes |

3. TANKS, FIRE DEPARTMENT CONNECTIONS, AND FIRE SERVICE MAINS:

- | | |
|--|-----|
| A. Do the gravity tanks, ground tanks, and pressure tanks appear to be in good condition and tested as required? | N/A |
| B. Are the fire department connections and ball drips in good condition, couplings free, caps on, and check valve tight? | Yes |
| C. Required private service mains and equipment testing, inspection, and maintenance performed? | Yes |

4. WET SYSTEMS: (See Section #10)

- | | |
|---|-----|
| A. Are cold weather valves open or closed as necessary? | N/A |
| B. Have anti-freeze loops been tested and in working order? | |
| C. Do alarm valves, retards, and flow switches appear okay? | |
| D. Equipment valves in good condition and accessible? | |
| E. Hydraulic calculation signs made and installed per NFPA? | |

SEE PAGE 3 SECTION #14 FOR EXPLANATION OF "NO" ANSWERS

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5. DRY SYSTEMS: (See Section #11)

- | | |
|---|-----|
| A. Dry valve and parts in good condition? | Yes |
| B. Is air compressor and priming water level normal? | Yes |
| C. Compressor and tank in good condition and the tanks drained? | Yes |
| D. Were the low points drained in the fall? | Yes |
| E. Quick opening device tested quarterly? | N/A |
| F. Have pipes been checked for stoppage if required? | N/A |
| G. Do pitch and low point drains appear satisfactory? | Yes |
| H. Have dry valves been trip tested? | Yes |
| I. Equipment valves in good condition and accessible? | Yes |
| J. Hydraulic calculation signs made and installed per NFPA? | Yes |

6. SPRINKLERS AND PIPING:

- | | |
|--|-----|
| A. Minimum of 40° heat available for all necessary areas and building able to maintain same? | Yes |
| B. Do all sprinklers appear to be in good condition, unobstructed, free of corrosion, paint, and loading? | Yes |
| C. Stock and storage properly below sprinklers? | Yes |
| D. Are sprinklers less than 50 years old? | Yes |
| E. Sprinkler head testing and or replacements current? | N/A |
| F. Are extra sprinklers and wrenches readily available? | Yes |
| G. Does condition of piping, drain and check valves, hangers, pressure gauges, open sprinklers, and strainers appear to be satisfactory? | Yes |

7. STANDPIPES AND HOSES:

- | | |
|---|-----|
| A. Have standpipes been flow tested in the last 5 years? | |
| B. Have dry standpipes been hydrostatically test in the past 5 years? | |
| C. Control and hose valves appear in god condition, unobstructed, caps on, and valves tested as required? | |
| D. Hoses appear okay and test dates current? | N/A |

8. FIRE PUMP:

- | | |
|---|--|
| A. All necessary pumps on and appear in good condition? | |
| B. Are all pump sensing lines in good condition? | |
| C. Fire pumps been performance tested in the last year? | |

9. BACKFLOW DEVICES:

- | | |
|--|-----|
| A. Does all equipment appear in good condition and accessible? | Yes |
| B. Have backflow preventer devices been tested in past year? | Yes |

10. WET SYSTEMS: Number of Systems? <u>None</u>	Make & Model: <u>N/A</u>
11. DRY SYSTEMS: Number of Systems? <u>One</u>	Make & Model: <u>4" Tyco DN 100 (12/17)</u>
Date of trip test? <u>06/2021</u>	Date of Full flow Test? <u>06/2020</u>
Date piping checked for stoppage and pitch? <u>N/A</u>	

12. WATER PRESSURES: Public: 115 PSI

- | | |
|---|-----|
| A. Was a water flow test made and the results recorded? | Yes |
|---|-----|

WATER FLOW TEST RESULTS

Test Pipe Located	Test Pipe Size	Static Before	Residual	Static After	Time for water pressure to return to normal?
1. Main Drain	2"	115	100	115	0 Seconds

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 Phone (804) 353-1822 Fax (804) 358-9047 or Email: nsckc395@gmail.com

13. CONTROL VALVES:

- | | |
|---|-----|
| A. Are all control valves open as necessary? | Yes |
| B. Are all other valves in the proper position? | Yes |
| C. Are valves in good condition, sealed, supervised, secured, and signs on? | Yes |

CONTROL VALVES ON SITE

	No?	Type?	OPEN		SECURED		SIGNS		OPERATED/LUBED	
			Yes	No	Yes	No	Yes	No	Yes	NO
Backflow Control	2		X		X		X		X	
System Control	1		X		X		X		X	
Sectional Control										
Yard Sectional										
City Control										

NOTES:

14. EXPLANATION OF NFPA #25 "NO" ANSWERS:

None

15. ADJUSTMENTS OR CORRECTIONS MADE:

NOTE:

Date Done	Description
08/2020	Annual walkthrough
04/2020	Full Flow Test
11/2020	Backflow preventer was tested.

16. Although these comments are not part of an engineering review or NFPA #25, the following improvements and/or corrections are recommended per the appropriate installation standards and practices:

None

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Report To: Brian Shull
Company: City of Harrisonburg
Address: 475 East Washington Street; Harrisonburg, VA 22802

Date: June 7, 2021

Inspection No: 38	File No.: N/A
Building Inspected: Communities Activities Center	Copies To: Scott Erickson
Building Address: 305 South Dogwood Drive; Harrisonburg, VA 228	Scott.erickson@harrisonburgva.gov
Inspection Frequency: Quarterly	Inspector: Homer Davenport

SPECIAL NOTES TO OWNER:

- A. This inspection has been conducted in accordance with NFPA 25 "Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems."
- B. NFPA 25, Section 1-4.4 states, "The owner or occupant shall correct or repair deficiencies, damaged parts, or impairments found while performing the inspection, test, and maintenance requirements of this standard."
- C. Securing valves with lock and chain is an owner(s) responsibility.
- D. All secured spaces within the structure shall be made accessible to the inspector to avoid returning and additional costs.
- E. The inspection of pipe, fittings, devices, and components are visual only and do not reflect the actual internal conditions of systems.
- F. NFPA 25 States, "The responsibility for properly maintaining a water based fire protection system shall be that of the owners(s)."

1. GENERAL (SEE OWNER'S NOTES ABOVE):

- | | |
|---|-----|
| A. Is occupancy the same as last inspection? | Yes |
| B. Are all new additions and building changes sprinkled? | Yes |
| C. Is sprinkler location adequate for any building changes? | Yes |
| D. Was customer informed of all NFPA #25 requirements? | Yes |
| E. Have all other NFPA #25 requirements pertaining to Sections 1-13 been fulfilled? | Yes |

2. ALARMS:

- | | |
|---|-----|
| A. Water motor gong test satisfactory? | Yes |
| B. Electric alarm test satisfactory? | Yes |
| C. Supervisory alarm test satisfactory? | Yes |

3. TANKS, FIRE DEPARTMENT CONNECTIONS, AND FIRE SERVICE MAINS:

- | | |
|--|-----|
| A. Do the gravity tanks, ground tanks, and pressure tanks appear to be in good condition and tested as required? | N/A |
| B. Are the fire department connections and ball drips in good condition, couplings free, caps on, and check valve tight? | Yes |
| C. Required private service mains and equipment testing, inspection, and maintenance performed? | Yes |

4. WET SYSTEMS: (See Section #10)

- | | |
|---|-----|
| A. Are cold weather valves open or closed as necessary? | N/A |
| B. Have anti-freeze loops been tested and in working order? | N/A |
| C. Do alarm valves, retards, and flow switches appear okay? | Yes |
| D. Equipment valves in good condition and accessible? | Yes |
| E. Hydraulic calculation signs made and installed per NFPA? | Yes |

SEE PAGE 3 SECTION #14 FOR EXPLANATION OF "NO" ANSWERS

5. DRY SYSTEMS: (See Section #11) N/A

- A. Dry valve and parts in good condition?
- B. Is air compressor and priming water level normal?
- C. Compressor and tank in good condition and the tanks drained?
- D. Were the low points drained in the fall?
- E. Quick opening device tested quarterly?
- F. Have pipes been checked for stoppage if required?
- G. Do pitch and low point drains appear satisfactory?
- H. Have dry valves been trip tested?
- I. Equipment valves in good condition and accessible?
- J. Hydraulic calculation signs made and installed per NFPA?

6. SPRINKLERS AND PIPING:

- A. Minimum of 40° heat available for all necessary areas and building able to maintain same? Yes
- B. Do all sprinklers appear to be in good condition, unobstructed, free of corrosion, paint, and loading? Yes
- C. Stock and storage properly below sprinklers? Yes
- D. Are sprinklers less than 50 years old? Yes
- E. Sprinkler head testing and or replacements current? Yes
- F. Are extra sprinklers and wrenches readily available? Yes
- G. Does condition of piping, drain and check valves, hangers, pressure gauges, open sprinklers, and strainers appear to be satisfactory? Yes

7. STANDPIPES AND HOSES: N/A

- A. Have standpipes been flow tested in the last 5 years?
- B. Have dry standpipes been hydrostatically test in the past 5 years?
- C. Control and hose valves appear in god condition, unobstructed, caps on, and valves tested as required?
- D. Hoses appear okay and test dates current?

8. FIRE PUMP: N/A

- A. All necessary pumps on and appear in good condition?
- B. Are all pump sensing lines in good condition?
- C. Fire pumps been performance tested in the last year?

9. BACKFLOW DEVICES:

- A. Does all equipment appear in good condition and accessible? Yes
- B. Have backflow preventer devices been tested in past year? Yes

10. WET SYSTEMS: Number of Systems? One Make & Model: 4" Central Model F

11. DRY SYSTEMS: Number of Systems? None Make & Model: N/A
 Date of trip test? _____ Date of Full flow Test? _____
 Date piping checked for stoppage and pitch? N/A

12. WATER PRESSURES: Public: 110 PSI

- A. Was a water flow test made and the results recorded? Yes

WATER FLOW TEST RESULTS

Test Pipe Located	Test Pipe Size	Static Before	Residual	Static After	Time for water pressure to return to normal?
1. Main Drain – "B"	2"	110	65	85	0 Seconds

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 Phone (804) 353-1822 Fax (804) 358-9047 or Email: nsckdc1994@aol.com

13. CONTROL VALVES:

- | | |
|---|-----|
| A. Are all control valves open as necessary? | Yes |
| B. Are all other valves in the proper position? | Yes |
| C. Are valves in good condition, sealed, supervised, secured, and signs on? | Yes |

CONTROL VALVES ON SITE

	No?	Type?	OPEN		SECURED		SIGNS		OPERATED/LUBED	
			Yes	No	Yes	No	Yes	No	Yes	NO
Backflow Control	2	OSY	X		X		X		X	
System Control	3	BFLY	X		X		X		X	
Sectional Control										
Yard Sectional										
City Control										

NOTES:

14. EXPLANATION OF NFPA #25 "NO" ANSWERS:

None

15. ADJUSTMENTS OR CORRECTIONS MADE:

NOTE:

Date Done	Description
01/2021	Annual walkthrough
11/2020	Backflow preventer was tested
05/2020	5-Year Maintenance was performed.

16. Although these comments are not part of an engineering review or NFPA #25, the following improvements and/or corrections are recommended per the appropriate installation standards and practices:

1. Janitor closet in not adequately sprinkled
2. Sprinklers are over spaced by the airlock at the southwest entrance
3. Sprinklers in the north gym storage are too far off the wall

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BY: Nicholson Sprinkler Corporation; 3609 Mayland Court; Richmond, VA 23233
Phone (804) 353-1822 Fax (804) 358-9047 or Email: nsckc395@gmail.com

Report To: Brian Shull

Date: June 3, 2021

Company: City of Harrisonburg

Address: 475 East Washington Street; Harrisonburg, VA 22802

Inspection No: 10

File No.: N/A

Building Inspected: Fire Station #1

Copies To:

Building Address: 80 Maryland Avenue; Harrisonburg, VA 22801

Inspection Frequency: Quarterly

Inspector: Homer Davenport

SPECIAL NOTES TO OWNER:

- A. This inspection has been conducted in accordance with NFPA 25 "Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems."
- B. NFPA 25, Section 1-4.4 states, "The owner or occupant shall correct or repair deficiencies, damaged parts, or impairments found while performing the inspection, test, and maintenance requirements of this standard."
- C. Securing valves with lock and chain is an owner(s) responsibility.
- D. All secured spaces within the structure shall be made accessible to the inspector to avoid returning and additional costs.
- E. The inspection of pipe, fittings, devices, and components are visual only and do not reflect the actual internal conditions of systems.
- F. NFPA 25 States, "The responsibility for properly maintaining a water based fire protection system shall be that of the owners(s)."

1. GENERAL (SEE OWNER'S NOTES ABOVE):

- | | |
|---|-----|
| A. Is occupancy the same as last inspection? | Yes |
| B. Are all new additions and building changes sprinkled? | N/A |
| C. Is sprinkler location adequate for any building changes? | N/A |
| D. Was customer informed of all NFPA #25 requirements? | Yes |
| E. Have all other NFPA #25 requirements pertaining to Sections 1-13 been fulfilled? | Yes |

2. ALARMS:

- | | |
|---|-----|
| A. Water motor gong test satisfactory? | N/A |
| B. Electric alarm test satisfactory? | Yes |
| C. Supervisory alarm test satisfactory? | Yes |

3. TANKS, FIRE DEPARTMENT CONNECTIONS, AND FIRE SERVICE MAINS:

- | | |
|--|-----|
| A. Do the gravity tanks, ground tanks, and pressure tanks appear to be in good condition and tested as required? | N/A |
| B. Are the fire department connections and ball drips in good condition, couplings free, caps on, and check valve tight? | Yes |
| C. Required private service mains and equipment testing, inspection, and maintenance performed? | Yes |

4. WET SYSTEMS: (See Section #10)

- | | |
|---|-----|
| A. Are cold weather valves open or closed as necessary? | N/A |
| B. Have anti-freeze loops been tested and in working order? | N/A |
| C. Do alarm valves, retards, and flow switches appear okay? | Yes |
| D. Equipment valves in good condition and accessible? | Yes |
| E. Hydraulic calculation signs made and installed per NFPA? | Yes |

SEE PAGE 3 SECTION #14 FOR EXPLANATION OF "NO" ANSWERS

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5. DRY SYSTEMS: (See Section #11)

N/A

- A. Pre-Action valve and parts in good condition?
- B. Is air compressor and priming water level normal?
- C. Compressor and tank in good condition and the tanks drained?
- D. Were the low points drained in the fall?
- E. Quick opening device tested quarterly?
- F. Have pipes been checked for stoppage if required?
- G. Do pitch and low point drains appear satisfactory?
- H. Have pre-action valves been trip tested?
- I. Equipment valves in good condition and accessible?
- J. Hydraulic calculation signs made and installed per NFPA?

6. SPRINKLERS AND PIPING:

- A. Minimum of 40° heat available for all necessary areas and building able to maintain same? Yes
- B. Do all sprinklers appear to be in good condition, unobstructed, free of corrosion, paint, and loading? Yes
- C. Stock and storage properly below sprinklers? Yes
- D. Are sprinklers less than 50 years old? Yes
- E. Sprinkler head testing and or replacements current? Yes
- F. Are extra sprinklers and wrenches readily available? Yes
- G. Does condition of piping, drain and check valves, hangers, pressure gauges, open sprinklers, and strainers appear to be satisfactory? Yes

7. STANDPIPES AND HOSES:

N/A

- A. Have standpipes been flow tested in the last 5 years?
- B. Have dry standpipes been hydrostatically test in the past 5 years?
- C. Control and hose valves appear in god condition, unobstructed, caps on, and valves tested as required?
- D. Hoses appear okay and test dates current?

8. FIRE PUMP:

N/A

- A. All necessary pumps on and appear in good condition?
- B. Are all pump sensing lines in good condition?
- C. Fire pumps been performance tested in the last year?

9. BACKFLOW DEVICES:

- A. Does all equipment appear in good condition and accessible? Yes
- B. Have backflow preventer devices been tested in past year? Yes

10. **WET SYSTEMS:** Number of Systems? One Make & Model: Shot-Gun Riser

11. **DRY SYSTEMS:** Number of Systems? None Make & Model: _____

Date of trip test? _____ Date of Full Flow Test? _____

Date piping checked for stoppage and pitch? _____

12. **WATER PRESSURES:** Public: 100 PSI

- A. Was a water flow test made and the results recorded? Yes

WATER FLOW TEST RESULTS

Test Pipe Located	Test Pipe Size	Static Before	Residual	Static After	Time for water pressure to return to normal?
1. Main Drain – "B"	2"	100	85	100	0 Seconds

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13. CONTROL VALVES:

- | | |
|---|-----|
| A. Are all control valves open as necessary? | Yes |
| B. Are all other valves in the proper position? | Yes |
| C. Are valves in good condition, sealed, supervised, secured, and signs on? | Yes |

CONTROL VALVES ON SITE

	No?	Type?	OPEN		SECURED		SIGNS		OPERATED/LUBED	
			Yes	No	Yes	No	Yes	No	Yes	NO
Backflow Control	2	BFLY	X		X		X		X	
System Control										
Sectional Control										
Yard Sectional										
City Control										

NOTES:

14. EXPLANATION OF NFPA #25 "NO" ANSWERS:

NONE

15. ADJUSTMENTS OR CORRECTIONS MADE:

NOTE:

Date Done	Description
11/2020	Annual walkthrough
11/2020	Backflow Preventer test was performed

16. Although these comments are not part of an engineering review or NFPA #25, the following improvements and/or corrections are recommended per the appropriate installation standards and practices:

None at this time

"Report of Inspection & Testing in Accordance with NFPA Standards"
BY: Nicholson Sprinkler Corporation; 3609 Mayland Court; Richmond, VA 23233
Phone (804) 353-1822 Fax (804) 358-9047 or Email: nsckc395@gmail.com

Report To: Brian Shull

Date: June 7, 2021

Company: City of Harrisonburg

Address: 475 East Washington Street; Harrisonburg, VA 22802

Inspection No: 38

File No.: N/A

Building Inspected: Lucy F. Simms Continuing Education Center

Copies To:

Building Address: 620 Simms Avenue; Harrisonburg, VA 22801

Inspection Frequency: Quarterly

Inspector: Homer Davenport

SPECIAL NOTES TO OWNER:

- A. This inspection has been conducted in accordance with NFPA 25 "Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems."
- B. NFPA 25, Section 1-4.4 states, "The owner or occupant shall correct or repair deficiencies, damaged parts, or impairments found while performing the inspection, test, and maintenance requirements of this standard."
- C. Securing valves with lock and chain is an owner(s) responsibility.
- D. All secured spaces within the structure shall be made accessible to the inspector to avoid returning and additional costs.
- E. The inspection of pipe, fittings, devices, and components are visual only and do not reflect the actual internal conditions of systems.
- F. NFPA 25 States, "The responsibility for properly maintaining a water based fire protection system shall be that of the owners(s)."

1. GENERAL (SEE OWNER'S NOTES ABOVE):

- | | |
|---|-----|
| A. Is occupancy the same as last inspection? | Yes |
| B. Are all new additions and building changes sprinkled? | N/A |
| C. Is sprinkler location adequate for any building changes? | N/A |
| D. Was customer informed of all NFPA #25 requirements? | Yes |
| E. Have all other NFPA #25 requirements pertaining to Sections 1-13 been fulfilled? | Yes |

2. ALARMS:

- | | |
|---|-----|
| A. Water motor gong test satisfactory? | N/A |
| B. Electric alarm test satisfactory? | Yes |
| C. Supervisory alarm test satisfactory? | Yes |

3. TANKS, FIRE DEPARTMENT CONNECTIONS, AND FIRE SERVICE MAINS:

- | | |
|--|-----|
| A. Do the gravity tanks, ground tanks, and pressure tanks appear to be in good condition and tested as required? | N/A |
| B. Are the fire department connections and ball drips in good condition, couplings free, caps on, and check valve tight? | Yes |
| C. Required private service mains and equipment testing, inspection, and maintenance performed? | Yes |

4. WET SYSTEMS: (See Section #10)

- | | |
|---|-----|
| A. Are cold weather valves open or closed as necessary? | N/A |
| B. Have anti-freeze loops been tested and in working order? | N/A |
| C. Do alarm valves, retards, and flow switches appear okay? | Yes |
| D. Equipment valves in good condition and accessible? | Yes |
| E. Hydraulic calculation signs made and installed per NFPA? | Yes |

SEE PAGE 3 SECTION #14 FOR EXPLANATION OF "NO" ANSWERS

"Report of Inspection & Testing in Accordance with NFPA Standards"
 BY: Nicholson Sprinkler Corporation; 3609 Mayland Court; Richmond, VA 23233
 Phone (804) 353-1822 Fax (804) 358-9047 or Email: nsckc395@gmail.com

5. DRY SYSTEMS: (See Section #11)

N/A

- A. Dry valve and parts in good condition?
- B. Is air compressor and priming water level normal?
- C. Compressor and tank in good condition and the tanks drained?
- D. Were the low points drained in the fall?
- E. Quick opening device tested quarterly?
- F. Have pipes been checked for stoppage if required?
- G. Do pitch and low point drains appear satisfactory?
- H. Have dry valves been trip tested?
- I. Equipment valves in good condition and accessible?
- J. Hydraulic calculation signs made and installed per NFPA?

6. SPRINKLERS AND PIPING:

- A. Minimum of 40° heat available for all necessary areas and building able to maintain same? Yes
- B. Do all sprinklers appear to be in good condition, unobstructed, free of corrosion, paint, and loading? Yes
- C. Stock and storage properly below sprinklers? Yes
- D. Are sprinklers less than 50 years old? Yes
- E. Sprinkler head testing and or replacements current? Yes
- F. Are extra sprinklers and wrenches readily available? Yes
- G. Does condition of piping, drain and check valves, hangers, pressure gauges, open sprinklers, and strainers appear to be satisfactory? No

7. STANDPIPES AND HOSES:

N/A

- A. Have standpipes been flow tested in the last 5 years?
- B. Have dry standpipes been hydrostatically test in the past 5 years?
- C. Control and hose valves appear in god condition, unobstructed, caps on, and valves tested as required?
- D. Hoses appear okay and test dates current?

8. FIRE PUMP:

N/A

- A. All necessary pumps on and appear in good condition?
- B. Are all pump sensing lines in good condition?
- C. Fire pumps been performance tested in the last year?

9. BACKFLOW DEVICES:

- A. Does all equipment appear in good condition and accessible? Yes
- B. Have backflow preventer devices been tested in past year? Yes

10. WET SYSTEMS: Number of Systems? One Make & Model: 4" Reliable Model B

11. DRY SYSTEMS: Number of Systems? None Make & Model: N/A

Date of trip test? _____ Date of Full flow Test? _____

Date piping checked for stoppage and pitch? N/A

12. WATER PRESSURES: Public: 65 PSI

- A. Was a water flow test made and the results recorded? No

WATER FLOW TEST RESULTS

Test Pipe Located	Test Pipe Size	Static Before	Residual	Static After	Time for water pressure to return to normal?
1. Main Drain - "B"	2"	65	NA	NA	NA

13. CONTROL VALVES:

- | | |
|---|-----|
| A. Are all control valves open as necessary? | Yes |
| B. Are all other valves in the proper position? | Yes |
| C. Are valves in good condition, sealed, supervised, secured, and signs on? | Yes |

CONTROL VALVES ON SITE

			OPEN		SECURED		SIGNS		OPERATED/LUBED	
	No?	Type?	Yes	No	Yes	No	Yes	No	Yes	NO
Backflow Control	2	OSY	X		X		X		X	
System Control	3	BFLY	X		X		X		X	
Sectional Control										
Yard Sectional										
City Control										

NOTES:

14. EXPLANATION OF NFPA #25 "NO" ANSWERS:

- 6G – Some plates are missing from the sprinklers in the men's room by the gym.
 12A – No water flow test done the 2" drain runs into the floor drain and would not take water flow test

15. ADJUSTMENTS OR CORRECTIONS MADE:

NOTE:

Date Done	Description
01/2021	Annual walkthrough
11/2020	Backflow preventer was tested
04/2020	5-Year Maintenance was performed.

16. Although these comments are not part of an engineering review or NFPA #25, the following improvements and/or corrections are recommended per the appropriate installation standards and practices:

"Report of Inspection & Testing in Accordance with NFPA Standards"
BY: Nicholson Sprinkler Corporation; 3609 Mayland Court; Richmond, VA 23233
Phone (804) 353-1822 Fax (804) 358-9047 or Email: nsckc395@gmail.com

Report To: Brian Shull

Date: June 7, 2021

Company: City of Harrisonburg

Address: 475 East Washington Street; Harrisonburg, VA 22802

Inspection No: 37

File No.: N/A

Building Inspected: Public Safety Building

Copies To:

Building Address: 101 North Main Street; Harrisonburg, VA 22802

Inspection Frequency: Quarterly

Inspector: Homer Davenport

SPECIAL NOTES TO OWNER:

- A. This inspection has been conducted in accordance with NFPA 25 "Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems."
- B. NFPA 25, Section 1-4.4 states, "The owner or occupant shall correct or repair deficiencies, damaged parts, or impairments found while performing the inspection, test, and maintenance requirements of this standard."
- C. Securing valves with lock and chain is an owner(s) responsibility.
- D. All secured spaces within the structure shall be made accessible to the inspector to avoid returning and additional costs.
- E. The inspection of pipe, fittings, devices, and components are visual only and do not reflect the actual internal conditions of systems.
- F. NFPA 25 States, "The responsibility for properly maintaining a water based fire protection system shall be that of the owners(s)."

1. GENERAL (SEE OWNER'S NOTES ABOVE):

- | | |
|---|-----|
| A. Is occupancy the same as last inspection? | Yes |
| B. Are all new additions and building changes sprinkled? | N/A |
| C. Is sprinkler location adequate for any building changes? | Yes |
| D. Was customer informed of all NFPA #25 requirements? | Yes |
| E. Have all other NFPA #25 requirements pertaining to Sections 1-13 been fulfilled? | Yes |

2. ALARMS:

- | | |
|---|-----|
| A. Water motor gong test satisfactory? | N/A |
| B. Electric alarm test satisfactory? | Yes |
| C. Supervisory alarm test satisfactory? | Yes |

3. TANKS, FIRE DEPARTMENT CONNECTIONS, AND FIRE SERVICE MAINS:

- | | |
|--|-----|
| A. Do the gravity tanks, ground tanks, and pressure tanks appear to be in good condition and tested as required? | N/A |
| B. Are the fire department connections and ball drips in good condition, couplings free, caps on, and check valve tight? | Yes |
| C. Required private service mains and equipment testing, inspection, and maintenance performed? | Yes |

4. WET SYSTEMS: (See Section #10)

- | | |
|---|-----|
| A. Are cold weather valves open or closed as necessary? | N/A |
| B. Have anti-freeze loops been tested and in working order? | N/A |
| C. Do alarm valves, retards, and flow switches appear okay? | Yes |
| D. Equipment valves in good condition and accessible? | Yes |
| E. Hydraulic calculation signs made and installed per NFPA? | Yes |

SEE PAGE 3 SECTION #14 FOR EXPLANATION OF "NO" ANSWERS

"Report of Inspection & Testing in Accordance with NFPA Standards"
 BY: Nicholson Sprinkler Corporation; 3609 Mayland Court; Richmond, VA 23233
 Phone (804) 353-1822 Fax (804) 358-9047 or Email: nsckc395@gmail.com

5. DRY SYSTEMS: (See Section #11)

- | | |
|---|-----|
| A. Dry valve and parts in good condition? | Yes |
| B. Is air compressor and priming water level normal? | Yes |
| C. Compressor and tank in good condition and the tanks drained? | Yes |
| D. Were the low points drained in the fall? | N/A |
| E. Quick opening device tested quarterly? | N/A |
| F. Have pipes been checked for stoppage if required? | N/A |
| G. Do pitch and low point drains appear satisfactory? | N/A |
| H. Have dry valves been trip tested? | Yes |
| I. Equipment valves in good condition and accessible? | Yes |
| J. Hydraulic calculation signs made and installed per NFPA? | N/A |

6. SPRINKLERS AND PIPING:

- | | |
|--|-----|
| A. Minimum of 40° heat available for all necessary areas and building able to maintain same? | Yes |
| B. Do all sprinklers appear to be in good condition, unobstructed, free of corrosion, paint, and loading? | Yes |
| C. Stock and storage properly below sprinklers? | Yes |
| D. Are sprinklers less than 50 years old? | Yes |
| E. Sprinkler head testing and or replacements current? | Yes |
| F. Are extra sprinklers and wrenches readily available? | Yes |
| G. Does condition of piping, drain and check valves, hangers, pressure gauges, open sprinklers, and strainers appear to be satisfactory? | Yes |

7. STANDPIPES AND HOSES:

- | | |
|---|-----|
| A. Have standpipes been flow tested in the last 5 years? | Yes |
| B. Have dry standpipes been hydrostatically test in the past 5 years? | Yes |
| C. Control and hose valves appear in god condition, unobstructed, caps on, and valves tested as required? | Yes |
| D. Hoses appear okay and test dates current? | N/A |

8. FIRE PUMP:

- | | |
|---|-----|
| A. All necessary pumps on and appear in good condition? | No |
| B. Are all pump sensing lines in good condition? | Yes |
| C. Fire pumps been performance tested in the last year? | Yes |

9. BACKFLOW DEVICES:

- | | |
|--|-----|
| A. Does all equipment appear in good condition and accessible? | Yes |
| B. Have backflow preventer devices been tested in past year? | Yes |

10. WET SYSTEMS: Number of Systems? One Make & Model: (6) Floor Zones w/flow devices

11. DRY SYSTEMS: Number of Systems? One Make & Model: 2 1/2" Reliable Pre-Action

Date of trip test? 08/2020

Date of Full flow Test? Unknown

Date piping checked for stoppage and pitch? N/A

12. WATER PRESSURES: Public: 85 PSI Pump 175 PSI

- | | |
|---|----|
| A. Was a water flow test made and the results recorded? | No |
|---|----|

WATER FLOW TEST RESULTS

Test Pipe Located	Test Pipe Size	Static Before	Residual	Static After	Time for water pressure to return to normal?
1. Main Drain	2"	85	N/A	N/A	N/A

"Report of Inspection & Testing in Accordance with NFPA Standards"
 BY: Nicholson Sprinkler Corporation; 3609 Mayland Court; Richmond, VA 23233
 Phone (804) 353-1822 Fax (804) 358-9047 or Email: nsckc395@gmail.com

13. CONTROL VALVES:

- | | |
|---|-----|
| A. Are all control valves open as necessary? | Yes |
| B. Are all other valves in the proper position? | Yes |
| C. Are valves in good condition, sealed, supervised, secured, and signs on? | Yes |

CONTROL VALVES ON SITE

	No?	Type?	OPEN		SECURED		SIGNS		OPERATED/LUBED	
			Yes	No	Yes	No	Yes	No	Yes	NO
Backflow Control	2	BFLY	X		X		X			X
System Control	1	BFLY	X		X		X		X	
Sectional Control	6	BFLY	X		X		X			X
Yard Sectional										
City Control										

NOTES:

14. EXPLANATION OF NFPA #25 "NO" ANSWERS:

8A – During test on 2/3/21 the fire pump failed to start from the loss of pressure on the sensing line. This should signal the pump to start. This has happened several times before and others were called in to check problem and after several times of running it works, but after sitting for a long period of time w/o running it does the same thing. It is NSC belief that the outdated controller needs to be replaced.

12A – The 2" drain is piped into the floor drain and will not take flow test.

15. ADJUSTMENTS OR CORRECTIONS MADE:

NOTE:

Date Done	Description
01/2021	Annual walkthrough
11/2020	Fire pump was tested
11/2020	Backflow preventer was tested
10/2018	Standpipes were tested
05/2020	5-Year Maintenance was performed

16. Although these comments are not part of an engineering review or NFPA #25, the following improvements and/or corrections are recommended per the appropriate installation standards and practices:

- Several rooms were not accessible due to the contents of the rooms.

"Report of Inspection & Testing in Accordance with NFPA Standards"
BY: Nicholson Sprinkler Corporation; 3609 Mayland Court; Richmond, VA 23233
Phone (804) 353-1822 Fax (804) 358-9047 or Email: nsckc395@gmail.com

Report To: Brian Shull	Date: June 3, 2021
Company: City of Harrisonburg	
Address: 475 East Washington Street; Harrisonburg, VA 22802	
Inspection No: 38	File No.: N/A
Building Inspected: Purchasing and Central Stores	Copies To:
Building Address: 2111 Beery Road; Harrisonburg, VA 22801	
Inspection Frequency: Quarterly	Inspector: Homer Davenport

SPECIAL NOTES TO OWNER:

- A. This inspection has been conducted in accordance with NFPA 25 "Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems."
- B. NFPA 25, Section 1-4.4 states, "The owner or occupant shall correct or repair deficiencies, damaged parts, or impairments found while performing the inspection, test, and maintenance requirements of this standard."
- C. Securing valves with lock and chain is an owner(s) responsibility.
- D. All secured spaces within the structure shall be made accessible to the inspector to avoid returning and additional costs.
- E. The inspection of pipe, fittings, devices, and components are visual only and do not reflect the actual internal conditions of systems.
- F. NFPA 25 States, "The responsibility for properly maintaining a water-based fire protection system shall be that of the owners(s)."

1. GENERAL (SEE OWNER'S NOTES ABOVE):

- | | |
|---|-----|
| A. Is occupancy the same as last inspection? | Yes |
| B. Are all new additions and building changes sprinkled? | N/A |
| C. Is sprinkler location adequate for any building changes? | N/A |
| D. Was customer informed of all NFPA #25 requirements? | Yes |
| E. Have all other NFPA #25 requirements pertaining to Sections 1-13 been fulfilled? | Yes |

2. ALARMS:

- | | |
|---|-----|
| A. Water motor gong test satisfactory? | N/A |
| B. Electric alarm test satisfactory? | No |
| C. Supervisory alarm test satisfactory? | Yes |

3. TANKS, FIRE DEPARTMENT CONNECTIONS, AND FIRE SERVICE MAINS:

- | | |
|--|-----|
| A. Do the gravity tanks, ground tanks, and pressure tanks appear to be in good condition and tested as required? | N/A |
| B. Are the fire department connections and ball drips in good condition, couplings free, caps on, and check valve tight? | Yes |
| C. Required private service mains and equipment testing, inspection, and maintenance performed? | Yes |

4. WET SYSTEMS: (See Section #10)

- | | |
|---|-----|
| A. Are cold weather valves open or closed as necessary? | N/A |
| B. Have anti-freeze loops been tested and in working order? | N/A |
| C. Do alarm valves, retards, and flow switches appear okay? | Yes |
| D. Equipment valves in good condition and accessible? | Yes |
| E. Hydraulic calculation signs made and installed per NFPA? | Yes |

SEE PAGE 3 SECTION #14 FOR EXPLANATION OF "NO" ANSWERS

"Report of Inspection & Testing in Accordance with NFPA Standards"
 BY: Nicholson Sprinkler Corporation; 3609 Mayland Court; Richmond, VA 23233
 Phone (804) 353-1822 Fax (804) 358-9047 or Email: nsckc395@gmail.com

13. CONTROL VALVES:

- | | |
|---|-----|
| A. Are all control valves open as necessary? | Yes |
| B. Are all other valves in the proper position? | Yes |
| C. Are valves in good condition, sealed, supervised, secured, and signs on? | Yes |

CONTROL VALVES ON SITE

			OPEN		SECURED		SIGNS		OPERATED/LUBED	
	No?	Type?	Yes	No	Yes	No	Yes	No	Yes	NO
Backflow Control	2	OSY	X		X		X		X	
System Control										
Sectional Control										
Yard Sectional										
City Control										

NOTES:

14. EXPLANATION OF NFPA #25 "NO" ANSWERS:

2B – The outside bell is not working.

15. ADJUSTMENTS OR CORRECTIONS MADE:

NOTE:

Date Done	Description
01/2021	Annual walkthrough
04/2019	5-Year Maintenance was performed.
11/2020	Backflow preventer was tested.

16. Although these comments are not part of an engineering review or NFPA #25, the following improvements and/or corrections are recommended per the appropriate installation standards and practices:

- 1. The office area and the canopy is not sprinkled.**

"Report of Inspection & Testing in Accordance with NFPA Standards
BY: Nicholson Sprinkler Corporation; 3609 Mayland Court; Richmond, VA 23233
Phone (804) 353-1822 Fax (804) 358-9047 or Email: nsckdc1994@aol.com



Report To: Adam Wright

Date: August 18, 2020

Company: City of Harrisonburg

Address: 475 East Washington Street; Harrisonburg, VA 22802

Inspection No: 35

File No.: N/A

Building Inspected: Public Transportation Building

Copies To:

Building Address: 473 East Washington Street; Harrisonburg, VA 22801

Inspection Frequency: Quarterly

Inspector: Homer Davenport

SPECIAL NOTES TO OWNER:

- A. This inspection has been conducted in accordance with NFPA 25 "Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems."
- B. NFPA 25, Section 1-4.4 states, "The owner or occupant shall correct or repair deficiencies, damaged parts, or impairments found while performing the inspection, test, and maintenance requirements of this standard."
- C. Securing valves with lock and chain is an owner(s) responsibility.
- D. All secured spaces within the structure shall be made accessible to the inspector to avoid returning and additional costs.
- E. The inspection of pipe, fittings, devices, and components are visual only and do not reflect the actual internal conditions of systems.
- F. NFPA 25 States, "The responsibility for properly maintaining a water based fire protection system shall be that of the owners(s)."

1. GENERAL (SEE OWNER'S NOTES ABOVE):

- | | |
|---|-----|
| A. Is occupancy the same as last inspection? | Yes |
| B. Are all new additions and building changes sprinkled? | N/A |
| C. Is sprinkler location adequate for any building changes? | N/A |
| D. Was customer informed of all NFPA #25 requirements? | Yes |
| E. Have all other NFPA #25 requirements pertaining to Sections 1-13 been fulfilled? | Yes |

2. ALARMS:

- | | |
|---|-----|
| A. Water motor gong test satisfactory? | N/A |
| B. Electric alarm test satisfactory? | Yes |
| C. Supervisory alarm test satisfactory? | Yes |

3. TANKS, FIRE DEPARTMENT CONNECTIONS, AND FIRE SERVICE MAINS:

- | | |
|--|-----|
| A. Do the gravity tanks, ground tanks, and pressure tanks appear to be in good condition and tested as required? | N/A |
| B. Are the fire department connections and ball drips in good condition, couplings free, caps on, and check valve tight? | Yes |
| C. Required private service mains and equipment testing, inspection, and maintenance performed? | Yes |

4. WET SYSTEMS: (See Section #10)

- | | |
|---|-----|
| A. Are cold weather valves open or closed as necessary? | N/A |
| B. Have anti-freeze loops been tested and in working order? | N/A |
| C. Do alarm valves, retards, and flow switches appear okay? | Yes |
| D. Equipment valves in good condition and accessible? | Yes |
| E. Hydraulic calculation signs made and installed per NFPA? | Yes |

SEE PAGE 3 SECTION #14 FOR EXPLANATION OF "NO" ANSWERS

"Report of Inspection & Testing in Accordance with NFPA Standards"
 BY: Nicholson Sprinkler Corporation; 3609 Mayland Court; Richmond, VA 23233
 Phone (804) 353-1822 Fax (804) 358-9047 or Email: nsckdc1994@aol.com

5. DRY SYSTEMS: (See Section #11) N/A

- A. Pre-Action valve and parts in good condition?
- B. Is air compressor and priming water level normal?
- C. Compressor and tank in good condition and the tanks drained?
- D. Were the low points drained in the fall?
- E. Quick opening device tested quarterly?
- F. Have pipes been checked for stoppage if required?
- G. Do pitch and low point drains appear satisfactory?
- H. Have pre-action valves been trip tested?
- I. Equipment valves in good condition and accessible?
- J. Hydraulic calculation signs made and installed per NFPA?

6. SPRINKLERS AND PIPING:

- A. Minimum of 40° heat available for all necessary areas and building able to maintain same? Yes
- B. Do all sprinklers appear to be in good condition, unobstructed, free of corrosion, paint, and loading? Yes
- C. Stock and storage properly below sprinklers? Yes
- D. Are sprinklers less than 50 years old? Yes
- E. Sprinkler head testing and or replacements current? Yes
- F. Are extra sprinklers and wrenches readily available? Yes
- G. Does condition of piping, drain and check valves, hangers, pressure gauges, open sprinklers, and strainers appear to be satisfactory? Yes

7. STANDPIPES AND HOSES: N/A

- A. Have standpipes been flow tested in the last 5 years?
- B. Have dry standpipes been hydrostatically test in the past 5 years?
- C. Control and hose valves appear in god condition, unobstructed, caps on, and valves tested as required?
- D. Hoses appear okay and test dates current?

8. FIRE PUMP: N/A

- A. All necessary pumps on and appear in good condition?
- B. Are all pump sensing lines in good condition?
- C. Fire pumps been performance tested in the last year?

9. BACKFLOW DEVICES:

- A. Does all equipment appear in good condition and accessible? Yes
- B. Have backflow preventer devices been tested in past year? Yes

-
- 10. WET SYSTEMS:** Number of Systems? One Make & Model: Shotgun Riser
-
- 11. DRY SYSTEMS:** Number of Systems? None Make & Model: _____
- Date of trip test? _____ Date of Full flow Test? _____
- Date piping checked for stoppage and pitch? _____
-

12. WATER PRESSURES: Public: 40 PSI

- A. Was a water flow test made and the results recorded? Yes

WATER FLOW TEST RESULTS

Test Pipe Located	Test Pipe Size	Static Before	Residual	Static After	Time for water pressure to return to normal?
1. Main Drain -- "B"	2"	40	30	40	0 Seconds

"Report of Inspection & Testing in Accordance with NFPA Standards"
 BY: Nicholson Sprinkler Corporation; 3609 Mayland Court; Richmond, VA 23233
 Phone (804) 353-1822 Fax (804) 358-9047 or Email: nsckdc1994@aol.com

13. CONTROL VALVES:

- | | |
|---|-----|
| A. Are all control valves open as necessary? | Yes |
| B. Are all other valves in the proper position? | Yes |
| C. Are valves in good condition, sealed, supervised, secured, and signs on? | Yes |

CONTROL VALVES ON SITE

	No?	Type?	OPEN		SECURED		SIGNS		OPERATED/LUBED	
			Yes	No	Yes	No	Yes	No	Yes	NO
Backflow Control	2	BFLY	X		X		X		X	
System Control										
Sectional Control										
Yard Sectional										
City Control										

NOTES:

14. EXPLANATION OF NFPA #25 "NO" ANSWERS:

None

15. ADJUSTMENTS OR CORRECTIONS MADE:

NOTE:

Date Done	Description
01/2020	Annual walkthrough
11/2019	Backflow Preventer was tested
04/2020	5-Year Maintenance was performed

16. Although these comments are not part of an engineering review or NFPA #25, the following improvements and/or corrections are recommended per the appropriate installation standards and practices:

N/A

DEC 22 2020

"Report of Inspection & Testing in Accordance with NFPA Standards"
BY: Nicholson Sprinkler Corporation; 3609 Mayland Court; Richmond, VA 23233
Phone (804) 353-1822 Fax (804) 358-9047 or Email: nsckdc1994@aol.com

Report To: Adam Wright
Company: City of Harrisonburg
Address: 475 East Washington Street; Harrisonburg, VA 22802

BY: _____
Date: August 18, 2020

Inspection No: 35	File No.: N/A
Building Inspected: Public Administration Building	Copies To:
Building Address: 473 East Washington Street; Harrisonburg, VA 22801	
Inspection Frequency: Quarterly	Inspector: Homer Davenport

SPECIAL NOTES TO OWNER:

- A. This inspection has been conducted in accordance with NFPA 25 "Standard for the Inspection, Testing and Maintenance of Water-Based Fire Protection Systems."
- B. NFPA 25, Section 1-4.4 states, "The owner or occupant shall correct or repair deficiencies, damaged parts, or impairments found while performing the inspection, test, and maintenance requirements of this standard."
- C. Securing valves with lock and chain is an owner(s) responsibility.
- D. All secured spaces within the structure shall be made accessible to the inspector to avoid returning and additional costs.
- E. The inspection of pipe, fittings, devices, and components are visual only and do not reflect the actual internal conditions of systems.
- F. NFPA 25 States, "The responsibility for properly maintaining a water based fire protection system shall be that of the owners(s)."

1. GENERAL (SEE OWNER'S NOTES ABOVE):

- | | |
|---|-----|
| A. Is occupancy the same as last inspection? | Yes |
| B. Are all new additions and building changes sprinkled? | N/A |
| C. Is sprinkler location adequate for any building changes? | N/A |
| D. Was customer informed of all NFPA #25 requirements? | Yes |
| E. Have all other NFPA #25 requirements pertaining to Sections 1-13 been fulfilled? | Yes |

2. ALARMS:

- | | |
|---|-----|
| A. Water motor gong test satisfactory? | N/A |
| B. Electric alarm test satisfactory? | Yes |
| C. Supervisory alarm test satisfactory? | Yes |

3. TANKS, FIRE DEPARTMENT CONNECTIONS, AND FIRE SERVICE MAINS:

- | | |
|--|-----|
| A. Do the gravity tanks, ground tanks, and pressure tanks appear to be in good condition and tested as required? | N/A |
| B. Are the fire department connections and ball drips in good condition, couplings free, caps on, and check valve tight? | Yes |
| C. Required private service mains and equipment testing, inspection, and maintenance performed? | Yes |

4. WET SYSTEMS: (See Section #10)

- | | |
|---|-----|
| A. Are cold weather valves open or closed as necessary? | N/A |
| B. Have anti-freeze loops been tested and in working order? | N/A |
| C. Do alarm valves, retards, and flow switches appear okay? | Yes |
| D. Equipment valves in good condition and accessible? | Yes |
| E. Hydraulic calculation signs made and installed per NFPA? | Yes |

SEE PAGE 3 SECTION #14 FOR EXPLANATION OF "NO" ANSWERS

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 Phone (804) 353-1822 Fax (804) 358-9047 or Email: nsckdc1994@aol.com

5. **DRY SYSTEMS: (See Section #11)** N/A
- A. Pre-Action valve and parts in good condition?
- B. Is air compressor and priming water level normal?
- C. Compressor and tank in good condition and the tanks drained?
- D. Were the low points drained in the fall?
- E. Quick opening device tested quarterly?
- F. Have pipes been checked for stoppage if required?
- G. Do pitch and low point drains appear satisfactory?
- H. Have pre-action valves been trip tested?
- I. Equipment valves in good condition and accessible?
- J. Hydraulic calculation signs made and installed per NFPA?
6. **SPRINKLERS AND PIPING:**
- A. Minimum of 40° heat available for all necessary areas and building able to maintain same? Yes
- B. Do all sprinklers appear to be in good condition, unobstructed, free of corrosion, paint, and loading? Yes
- C. Stock and storage properly below sprinklers? Yes
- D. Are sprinklers less than 50 years old? Yes
- E. Sprinkler head testing and or replacements current? Yes
- F. Are extra sprinklers and wrenches readily available? Yes
- G. Does condition of piping, drain and check valves, hangers, pressure gauges, open sprinklers, and strainers appear to be satisfactory? Yes
7. **STANDPIPES AND HOSES:** N/A
- A. Have standpipes been flow tested in the last 5 years?
- B. Have dry standpipes been hydrostatically test in the past 5 years?
- C. Control and hose valves appear in god condition, unobstructed, caps on, and valves tested as required?
- D. Hoses appear okay and test dates current?
8. **FIRE PUMP:** N/A
- A. All necessary pumps on and appear in good condition?
- B. Are all pump sensing lines in good condition?
- C. Fire pumps been performance tested in the last year?
9. **BACKFLOW DEVICES:**
- A. Does all equipment appear in good condition and accessible? Yes
- B. Have backflow preventer devices been tested in past year? Yes
-
10. **WET SYSTEMS:** Number of Systems? One Make & Model: Shotgun Riser
-
11. **DRY SYSTEMS:** Number of Systems? None Make & Model: _____
- Date of trip test? _____ Date of Full flow Test? _____
- Date piping checked for stoppage and pitch? _____
-
12. **WATER PRESSURES:** Public: 40 PSI
- A. Was a water flow test made and the results recorded? Yes

WATER FLOW TEST RESULTS

Test Pipe Located	Test Pipe Size	Static Before	Residual	Static After	Time for water pressure to return to normal?
1. Main Drain - "B"	2"	40	30	35	0 Seconds

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13. CONTROL VALVES:

- | | |
|---|-----|
| A. Are all control valves open as necessary? | Yes |
| B. Are all other valves in the proper position? | Yes |
| C. Are valves in good condition, sealed, supervised, secured, and signs on? | Yes |

CONTROL VALVES ON SITE

	No?	Type?	OPEN		SECURED		SIGNS		OPERATED/LUBED	
			Yes	No	Yes	No	Yes	No	Yes	NO
Backflow Control	2	OSY	X		X		X		X	
System Control	3	BFLY	X		X		X		X	
Sectional Control										
Yard Sectional										
City Control										

NOTES:

14. EXPLANATION OF NFPA #25 "NO" ANSWERS:

None

15. ADJUSTMENTS OR CORRECTIONS MADE:

NOTE:

Date Done	Description
01/2020	Annual walkthrough
11/2019	Backflow Preventer was tested
05/2020	5-Year Maintenance was performed.

16. Although these comments are not part of an engineering review or NFPA #25, the following improvements and/or corrections are recommended per the appropriate installation standards and practices:

None at this time

