ADDENDUM TO THE BID DOCUMENTS	Page: 1	Total Pages: 102
Addendum No: **# 1**	Date this Addendum Issued: **January 10, 2023**	
Issuing Office: Matanuska-Susitna Borough School District (MSBSD) Purchasing Department 690 Cope Industrial Way Palmer, Alaska 99645 Phone: (907) 861-5120 Facsimile: (907) 861-5184	Previous Addenda Issued: None _____ _____ _____ _____ _____ _____ _____ _____ _____ _____	
Return Acknowledgment To: **Issuing Department** Bid Title: **Seismic Mitigation Upgrades** Bid No: **B23-06**	Date and Hour of Bid Due Date: **January 24, 2023 at 2:00 P.M.** As Advertised (Frontiersman): **December 16 and 18, 2022** As Advertised (ADN): **December 15 and 18, 2022**	

The following corrections, changes, additions, deletions, revisions, and/or clarifications are hereby made a part of the contract documents. In case of conflicts between this addendum and previously issued documents, this addendum shall take precedence. The bidder must acknowledge receipt of this addendum in the space provided on Appendix #1. Failure to do so may subject the bidder to disqualification.

Attachments:
Clarifications (1 page)

Appendix 17: Sprinkler Reports (100 pages)

END OF ADDENDUM #1

APPROVED BY: Signature on File	DATE: January 10, 2023

ADDENDUM #1

Information in this addendum takes precedence over original information. All other provisions of the document remain unchanged.

Note to Bidders: Bidders are required to acknowledge all addenda on Appendix 1.

The following additions, corrections and changes are hereby made to the above-referenced Invitation to Bid.

QUESTIONS AND ANSWERS:

GENERAL QUESTIONS:

1. Q: Do you have an engineer's estimate or cost range available for this project?

   A: The original estimate from 2020 is 1.7 million.

2. Q: Is there a preferred bid bond form? If so, please provide it.

   A: No, the MSBSD does not have a bid bond form.

3. Q: What is the bid bond percentage?

   A: A bid bond is not required for this project. Please review Attachment B: Special Conditions for Construction Bids, Section 3. Bonds of Contractors for Public Buildings or Works for additional bond requirements.

4. Q: Contract term is March 1, 2023 to October 6, 2023 but school is not out until May 19, 2023 to August 16, 2023. What date can work start inside any given school?

   A: The contractor can start work as soon as the contract is awarded. The bulk of the work will need to be completed during summer break, but the MSBSD isn't opposed to work being done during weekends, evenings, and in-service days in coordination with the Facilities Department.

5. Q: Are there sprinkler as-builts available for any of the schools?

   A: No, the MSBSD does not have sprinkler as-builts.

6. Q: Can you release copies of the latest annual inspection report for each school?

   A: Yes, Appendix 17: Sprinkler Reports is attached.

7. Q: To avoid sprinkler calculations, is the use of oversized rings acceptable without flexible sprinkler heads as long as seismic codes are met?

   A: Yes, oversized rings is acceptable as long as seismic codes are met.

8. Q: Are we to replace upright sprinkler heads with new sprinkler heads in schools as well?

   A: No, upright sprinkler heads do not need to be replaced.

5887 E. Blue Lupine Dr.
Palmer, AK 99645
907-373-1760
www.taylorfire.com

Sprinkler Inspection Report

Status

Status
4

Owner / Client / Contracting Entity

Date 07/11/2022	**Representative** Rusty
Name Mat-Su Borough School District	**Telephone** (907) 317-9589
Address 1 501 N Gulkana	**Fax**
Address 2 Mat-Su Borough School District	**Email** steven.belanger@matsuk12.us
City Palmer	
State AK	
Zip 99645	

Property

Name Big Lake Elementary	**Contact** Same
Address 1 3808 S Big Lake Dr	**Telephone** Same
Address 2	
City Big Lake	
State	

AK

Zip

Inspection Period

Inspection Date
07/11/2022

Frequency
Annual

Description of Work / Items Inspected
Fire sprinkler system

Owners Section

Is the building occupied?
Yes

Has the occupancy classification and hazard of the contents remained the same since the last inspection?
Yes

Are the fire protection systems in service?
Yes

Has the system remained in service without modification since the last inspection?
Yes

Was the system free of actuations of devices or alarms since the last inspection?
N/A

SPRINKLER & PIPING INFORMATION

Proper number and type of spare sprinklers?
Yes

Visible sprinklers free of corrosion?
Yes

Visible sprinklers free of obstructions to spray pattern?
Yes

Visible sprinklers free of foreign material including paint?
Yes

Visible sprinklers free of physical damage?
Yes

Visible pipe in good condition?
Yes

Visible pipe free of mechanical damage and not leaking?
Yes

Visible pipe has no external corrosion?
Yes

Visible pipe properly aligned?
Yes

Visible pipe has no external loads?

Yes

Visible pipe hangers and seismic braces not damaged or loose?
Yes

Adequate heat in areas with wet piping?
N/A

Hydraulic nameplate, if provided, securely attached to riser and legible?
Yes

Alarm devices free from physical damage?
Yes

If sprinklers have been replaced, were they proper replacements?
N/A

Gauges on systems in good condition and showing normal air and water pressure?
Yes

Are all sprinklers in service dated 1920 or later?
Yes

Fast Response sprinklers in service for less than 20 years? If "no" test sample now and every 10 years.
N/A

Standard sprinklers less than 50 years old?
Yes

If "no" (over 50 years) has sample been tested within 10 years? If "no" test sample now and every 10 years.
N/A

Are dry heads less than 10 years old?
Yes

If "no" (over 10 years) has sample been tested? If no test sample now.
N/A

VALVES

VALVE

Control Valve:	Number of Valves:	Type:	Easily Accessible?	Signs?	Valve on system in correct (open or closed) position?	Valve operated through full range and returned to normal position?
Tank	1	Os&y	Yes	Yes	Yes	Yes
Pump	1	Os&y	Yes	Yes	Yes	Yes
Sectional	1	Os&y	Yes	Yes	Yes	Yes
System	2	Os&y/BFV	Yes	Yes	Yes	Yes

VALVE (cont'd)

Control Valve:	Secured?	If "yes" (secured), How?	Valve supervision operational?	Operating stem of all OS&Y valves lubricated, completely closed and reopened?
Tank	Yes	Supervised	Yes	Yes
Pump	Yes	Supervised	Yes	Yes
Sectional	Yes	Sealed	N/A	Yes
System	Yes	Supervised	Yes	Yes

FIRE DEPARTMENT CONNECTION

Fire department connections visible and accessible?
Yes

Fire department connection couplings and swivels not damaged and rotate smoothly?

Yes

Fire department connection plugs or caps in place and undamaged?
Yes

Fire department connection gaskets in place and in good condition?
Yes

Fire department connections identification sign(s) in place?
Yes

Fire department connections check valve is not leaking?
Yes

Fire department connections automatic drain valve in place and operating properly?
Yes

(Note: If plugs or caps are not in place, inspect the interior for obstructions and verify that the valve clapper is operational over its full range.)

SYSTEM TESTING

WET SYSTEM - Main Drain Test

System - Make / Model	Drain Size (inch)	Static Pressure (PSI)	Flow (PSI).	Residual pressure (PSI).	Was flow observed?	Are results comparable to previous year?
4” central alarm valve	2	85	83	95	Yes	Yes

WET SYSTEM

System - Make / Model	Waterflow alarm devices passed tests?	Inspectors test connection opened? (wet pipe when not in freezing weather)	By-pass connection opened? (wet pipe systems in freezing weather, dry pipe, preaction, or deluge)	Alarms actuated and flow observed?	Valve supervisory switches indicated movement?	Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for built-type which show no signs of grease buildup?	Control valves (except OS&Y and gear operated indicating butterfly valves) opened until spring or torsion is felt in the rod, then closed back one-quarter turn?
4” central alarm valve	Yes	Yes	N/A	Yes	Yes	N/A	N/A

DRY PIPE SYSTEM - Main Drain Test

System - Make / Model	Drain Size (inch)	Static Pressure (psi)	Flow (psi)	Residual pressure (psi)	Was flow observed?	Are results comparable to previous year?
3” victaulic 768 S	1.25	93	80	90	Yes	Yes

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test

System - Make / Model	Record initial air pressure (PSI).	Record initial water pressure (PSI).	Record tripping air Pressure (PSI)	Record trippint time (seconds).	Are results comparable to previous tests?	Dry pipe valves free from physical damage?	Dry pipe valves trim valves in appropriate (open or closed) position?
3” victaulic 768 S	16	90	4	5	Yes	Yes	Yes

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test (cont'd)

System - Make / Model	Dry pipe valves have no leakage from intermediate chamber?	Interior of pipe in dry pipe system which passes through freezers free of ice blockage?	Dry pipe priming water level correct?	Dry pipe low air pressure signal passed test?	Quick opening devices passed test?	Low temp alarms in dry pipe, preaction and deluge valve enclosures passed test?	Air leaks in dry pipe system resulting in air pressure loss more than 10%?
3” victaulic 768 S	Yes	N/A	N/A	Yes	N/A	N/A	N/A

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test (cont'd)

System - Make / Model	Dry pipe systems being maintained in dry condition?	Interior of dry pipe, preaction and deluge valves cleaned?	Low points drained in dry pipe, preaction and deluge systems prior to the onset of freezing weather?
3” victaulic 768 S	Yes	N/A	Yes

DRY PIPE SYSTEM - Annual or Every Fifth Year for Valves Which Can Be Reset Without Opening

System - Make / Model	Interior of fifth year Dry Pipe Valves, Preaction and Deluge Valves, can be reset without opening?		
3” victaulic 768 S	N/A		

AIR MAINTENANCE DEVICE

Automatic air maintenance devices on dry pipe and preaction systems passed test?
Yes

BACKFLOW

Backflow devices passed backflow test?
N/A

Backflow devices passed full flow test?
N/A

All sprinkler pressure regulating control valves passed full flow test?
N/A

ANTIFREEZE SYSTEM

5TH YEAR TESTING / INSPECTIONS

Tests to be done every fifth year.

Is system due for 5 Year internal pipe inspection?
No

Extra high, very extra high and ultra high temperature sprinklers tested?
N/A

Gauges checked against calibrated gauge or replaced?
N/A

Alarm valves and their associated strainers, filters and restriction orifices passed internal inspection?

N/A

Check valves internally inspected and all parts operate properly, move freely and are in good condition?
N/A

Strainers, filters, restricted orifices and diaphragm chamber on dry pipe, preaction and deluge valves passed internal inspection?
N/A

Maintenance

Annual Maintenance Items

Operating stem of all OS&Y valves lubricated completely closed and reopened?
Yes

Interior of dry pipe, preaction and deluge valves cleaned?
Yes

Low points drained in dry pipe, preaction and deluge systems prior to the onset of freezing weather?
Yes

Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for bult-type which show no signs of grease buildup?
N/A

COMMENTS

Any "NO" answers, test failures or other problems found with the sprinkler system must be explained here)
//no alarm bell signage

Notes and Recommendations

Notes and Recommendations
Recommend bracing the top of dry system riser and the pump test header

Plan of Corrective Action:
Call Taylorfire 907-373-1760

Corrective Action Taken and Date:

Pictures

Photo 1

Photo 2

Photo 3



Photo 1 Descritpion
System tagged and returned to normal operation

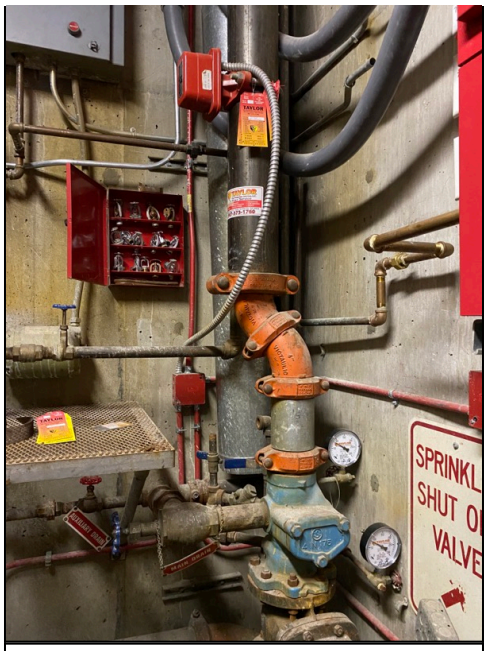


Photo 2 Description
System tagged and returned to normal operation

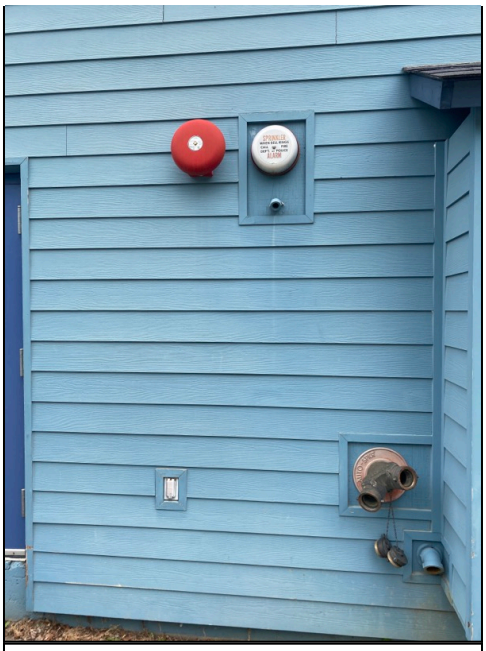


Photo 3 Description
FDC inspected, no alarm bell signage on AC bell

Photo 22	**Photo 23**	**Photo 21**
Photo 22 Description	**Photo 23 Description**	**Photo 21 Description**
Photo 25	**Photo 26**	**Photo 24**
Photo 25 Description	**Photo 26 Description**	**Photo 24 Description**
Photo 28	**Photo 29**	**Photo 27**
Photo 28 Description	**Photo 29 Description**	**Photo 27 Description**
		Photo 30
		Photo 30 Description

Notifications That Testing is Complete

Notified	Other (Specify)	Yes/No	Who	Time
Monitoring Agency		Yes	Guardian security	13:52

Issues

System restored to normal operation

Date
07/11/2022

Time
13:52

Owner or Representative Signature

Date

07/11/2022

Owner or Representative Signature

Inspector Information

I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operational condition upon completion of the inspection except as noted in Part III above.

All testing was completed in accordance with (standard/edition)
Nfpa25

Name of Inspector
Troy Jensen

License Number
190080

Date
07/11/2022

Time
12:52

Inspector Signature

Inspector Signature



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Sprinkler Inspection Report

Status

Status
3

Owner / Client / Contracting Entity

Date 06/07/2021	**Representative**
Name Mat-Su Borough School District	**Telephone**
Address 1 501 N Gulkana	**Fax**
Address 2	**Email**
City Palmer	
State AK	
Zip 99645	

Property

Name Burchell High School	**Contact**
Address 1 1775 W Parks Hwy	**Telephone**
Address 2	
City Palmer	
State	

AK
Zip
99645

Inspection Period

Inspection Date 06/07/2021	**Description of Work / Items Inspected** Fire sprinkler system
Frequency Annual	

Owners Section

Is the building occupied?
Yes
Has the occupancy classification and hazard of the contents remained the same since the last inspection?
Yes
Are the fire protection systems in service?
Yes
Has the system remained in service without modification since the last inspection?
N/A
Was the system free of actuations of devices or alarms since the last inspection?
N/A

SPRINKLER & PIPING INFORMATION

Proper number and type of spare sprinklers?
Yes
Visible sprinklers free of corrosion?
Yes
Visible sprinklers free of obstructions to spray pattern?
Yes
Visible sprinklers free of foreign material including paint?
Yes
Visible sprinklers free of physical damage?
Yes
Visible pipe in good condition?
Yes
Visible pipe free of mechanical damage and not leaking?
Yes
Visible pipe has no external corrosion?
Yes
Visible pipe properly aligned?
Yes
Visible pipe has no external loads?

Yes

Visible pipe hangers and seismic braces not damaged or loose?
Yes

Adequate heat in areas with wet piping?
N/A

Hydraulic nameplate, if provided, securely attached to riser and legible?
N/A

Alarm devices free from physical damage?
No

If sprinklers have been replaced, were they proper replacements?
N/A

Gauges on systems in good condition and showing normal air and water pressure?
Yes

Are all sprinklers in service dated 1920 or later?
Yes

Fast Response sprinklers in service for less than 20 years? If "no" test sample now and every 10 years.
Yes

Standard sprinklers less than 50 years old?
N/A

If "no" (over 50 years) has sample been tested within 10 years? If "no" test sample now and every 10 years.
N/A

Are dry heads less than 10 years old?
N/A

If "no" (over 10 years) has sample been tested? If no test sample now.
N/A

VALVES

VALVE

Control Valve:	Number of Valves:	Type:	Easily Accessible?	Signs?	Valve on system in correct (open or closed) position?	Valve operated through full range and returned to normal position?
System	1	BFV	Yes	Yes	Yes	No
Backflow	2	Os&y	Yes	Yes	Yes	Yes

VALVE (cont'd)

Control Valve:	Secured?	If "yes" (secured), How?	Valve supervision operational?	Operating stem of all OS&Y valves lubricated, completely closed and reopened?
System	Yes	Supervised	No	N/A
Backflow	Yes	Supervised	Yes	Yes

FIRE DEPARTMENT CONNECTION

Fire department connections visible and accessible?
Yes

Fire department connection couplings and swivels not damaged and rotate smoothly?
N/A

Fire department connection plugs or caps in place and undamaged?
Yes

Fire department connection gaskets in place and in good condition?

Yes

Fire department connections identification sign(s) in place?
Yes

Fire department connections check valve is not leaking?
Yes

Fire department connections automatic drain valve in place and operating properly?
Yes

(Note: If plugs or caps are not in place, inspect the interior for obstructions and verify that the valve clapper is operational over its full range.)

SYSTEM TESTING

WET SYSTEM - Main Drain Test

System - Make / Model	Drain Size (inch)	Static Pressure (PSI)	Flow (PSI).	Residual pressure (PSI).	Was flow observed?	Are results comparable to previous year?
3” shotgun riser	2	95	82	98	Yes	Yes

WET SYSTEM

System - Make / Model	Waterflow alarm devices passed tests?	Inspectors test connection opened? (wet pipe when not in freezing weather)	By-pass connection opened? (wet pipe systems in freezing weather, dry pipe, preaction, or deluge)	Alarms actuated and flow observed?	Valve supervisory switches indicated movement?	Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for built-type which show no signs of grease buildup?	Control valves (except OS&Y and gear operated indicating butterfly valves) opened until spring or torsion is felt in the rod, then closed back one-quarter turn?
3” shotgun riser	Yes	Yes	N/A	Yes	Yes	N/A	N/A

AIR MAINTENANCE DEVICE

Automatic air maintenance devices on dry pipe and preaction systems passed test?
N/A

BACKFLOW

Backflow devices passed backflow test?
Yes

Backflow devices passed full flow test?
N/A

All sprinkler pressure regulating control valves passed full flow test?
N/A

ANTIFREEZE SYSTEM

5TH YEAR TESTING / INSPECTIONS

Tests to be done every fifth year.

Is system due for 5 Year internal pipe inspection?
No

Extra high, very extra high and ultra high temperature sprinklers tested?
N/A

Gauges checked against calibrated gauge or replaced?
N/A

Alarm valves and their associated strainers, filters and restriction orifices passed internal inspection?
N/A

Check valves internally inspected and all parts operate properly, move freely and are in good condition?
N/A

Strainers, filters, restricted orifices and diaphragm chamber on dry pipe, preaction and deluge valves passed internal inspection?
N/A

Maintenance

Annual Maintenance Items

Operating stem of all OS&Y valves lubricated completely closed and reopened?
Yes

Interior of dry pipe, preaction and deluge valves cleaned?
N/A

Low points drained in dry pipe, preaction and deluge systems prior to the onset of freezing weather?
N/A

Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for bult-type which show no signs of grease buildup?
N/A

COMMENTS

Any "NO" answers, test failures or other problems found with the sprinkler system must be explained here)
//inoperable 3” BFV on system riser
//missing escutcheons- copy machine rmx1, outside kitchen hallway x1, rm 128 x1, library x2, girls bathroom x1, main hallway first floor x2, rm 208 x1, upstairs hallway x1, (central chrome recessed pendants)
//no coverage in hall outside rm 128
//QR heads due for testing (over 20 years old)
//no alarm bell signage

Notes and Recommendations

Notes and Recommendations

Correct deficiencies

Plan of Corrective Action:
Call Taylorfire 907-373-1760

Corrective Action Taken and Date:

Pictures

Photo 1



Photo 1 Descritpion
Inoperable control valve

Photo 2



Photo 2 Description
No coverage

Photo 3



Photo 3 Description
Missing alarm bell signage

Photo 4



Photo 4 Description

Photo 5



Photo 5 Description
System tagged and returned to normal operation

Photo 21

Photo 21 Description

Photo 23

Photo 23 Description

Photo 24

Photo 24 Description

Photo 26

Photo 26 Description

Photo 27

Photo 27 Description

Photo 30

Photo 30 Description

Escutcheon type
Photo 22
Photo 22 Description
Photo 25
Photo 25 Description
Photo 28
Photo 28 Description

Photo 29
Photo 29 Description

Notifications That Testing is Complete

Notified	Other (Specify)	Yes/No	Who	Time
Monitoring Agency		Yes	Guardian security	08:51

Issues

System restored to normal operation

Date	Time
06/07/2021	08:52

Owner or Representative Signature

Date
06/07/2021

Owner or Representative Signature

Inspector Information

I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operational condition upon completion of the inspection except as noted in Part III above.

All testing was completed in accordance with (standard/edition)
Nfpa 25

Name of Inspector
Troy Jensen

License Number
190080

Date
06/07/2021

Time
08:52

Inspector Signature

Inspector Signature



5887 E. Blue Lupine Dr.
Palmer, AK 99645
907-373-1760
www.taylorfire.com

Sprinkler Inspection Report

Status

Status
4

Owner / Client / Contracting Entity

Date 06/28/2021	**Representative**
Name Mat-Su Borough School District	**Telephone**
Address 1 501 N Gulkana	**Fax**
Address 2 Mat-Su Borough School District	**Email**
City Palmer	
State AK	
Zip 99645	

Property

Name Butte Elementary	**Contact**	**Location of Site**
Address 1 4006 S. Butte Road	**Telephone**	
Address 2		
City Palmer		
State		

AK

Zip
99645



Inspection Period

Inspection Date
06/28/2021

Frequency
Annual

Description of Work / Items Inspected
Annual sprinkler inspection

Owners Section

Is the building occupied?
Yes

Has the occupancy classification and hazard of the contents remained the same since the last inspection?
Yes

Are the fire protection systems in service?
Yes

Has the system remained in service without modification since the last inspection?
N/A

Was the system free of actuations of devices or alarms since the last inspection?
N/A

SPRINKLER & PIPING INFORMATION

Proper number and type of spare sprinklers?
Yes

Visible sprinklers free of corrosion?
Yes

Visible sprinklers free of obstructions to spray pattern?
Yes

Visible sprinklers free of foreign material including paint?
Yes

Visible sprinklers free of physical damage? Yes
Visible pipe in good condition? Yes
Visible pipe free of mechanical damage and not leaking? Yes
Visible pipe has no external corrosion? Yes
Visible pipe properly aligned? Yes
Visible pipe has no external loads? Yes
Visible pipe hangers and seismic braces not damaged or loose? Yes
Adequate heat in areas with wet piping? Yes
Hydraulic nameplate, if provided, securely attached to riser and legible? N/A
Alarm devices free from physical damage? Yes
If sprinklers have been replaced, were they proper replacements? N/A
Gauges on systems in good condition and showing normal air and water pressure? Yes
Are all sprinklers in service dated 1920 or later? Yes
Fast Response sprinklers in service for less than 20 years? If "no" test sample now and every 10 years. N/A
Standard sprinklers less than 50 years old? Yes
If "no" (over 50 years) has sample been tested within 10 years? If "no" test sample now and every 10 years. N/A
Are dry heads less than 10 years old? Yes
If "no" (over 10 years) has sample been tested? If no test sample now. No

VALVES

VALVE

Control Valve:	Number of Valves:	Type:	Easily Accessible?	Signs?	Valve on system in correct (open or closed) position?	Valve operated through full range and returned to normal position?
Tank	1	OS&Y	Yes	Yes	Yes	Yes
System	1	BFV	Yes	Yes	Yes	Yes
Pump	2	BFV	Yes	No	Yes	Yes

VALVE (cont'd)

Control Valve:	Secured?	If "yes" (secured), How?	Valve supervision operational?	Operating stem of all OS&Y valves lubricated, completely closed and reopened?
Tank	Yes	Supervised	Yes	Yes
System	Yes	Supervised	Yes	N/A
Pump	Yes	Supervised	Yes	N/A

FIRE DEPARTMENT CONNECTION

Fire department connections visible and accessible?
Yes

Fire department connection couplings and swivels not damaged and rotate smoothly?
Yes

Fire department connection plugs or caps in place and undamaged?
Yes

Fire department connection gaskets in place and in good condition?
Yes

Fire department connections identification sign(s) in place?
Yes

Fire department connections check valve is not leaking?
Yes

Fire department connections automatic drain valve in place and operating properly?
Yes

(Note: If plugs or caps are not in place, inspect the interior for obstructions and verify that the valve clapper is operational over its full range.)

SYSTEM TESTING

WET SYSTEM - Main Drain Test

System - Make / Model	Drain Size (inch)	Static Pressure (PSI)	Flow (PSI).	Residual pressure (PSI).	Was flow observed?	Are results comparable to previous year?
4” Alarm Check	2”	70	80	95	Yes	Yes

WET SYSTEM

System - Make / Model	Waterflow alarm devices passed tests?	Inspectors test connection opened? (wet pipe when not in freezing weather)	By-pass connection opened? (wet pipe systems in freezing weather, dry pipe, preaction, or deluge)	Alarms actuated and flow observed?	Valve supervisory switches indicated movement?	Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for built-type which show no signs of grease buildup?	Control valves (except OS&Y and gear operated indicating butterfly valves) opened until spring or torsion is felt in the rod, then closed back one-quarter turn?
4” Alarm Check	Yes	Yes	N/A	Yes	Yes	N/A	N/A

AIR MAINTENANCE DEVICE

Automatic air maintenance devices on dry pipe and preaction systems passed test?
N/A

BACKFLOW

Backflow devices passed backflow test?
N/A

Backflow devices passed full flow test?
N/A

All sprinkler pressure regulating control valves passed full flow test?
N/A

ANTIFREEZE SYSTEM

ANTIFREEZE SYSTEM - Main Drain Test

Make / Model	Drain Size (inch)	Static Pressure (psi)	Flow (psi)	Residual Pressure (psi)	Was flow observed?	Are results comparable to previous year?
1.25" Antifreeze Loop	1/2"	No gauge could not flow	N/a	N/a	N/A	Yes

ANTIFREEZE SYSTEM (cont'd)

Make / Model	Type	Location	OK to what temperature?	Specific gravity or antifreeze correct?
1.25" Antifreeze Loop	Propylene Glycol	Music room		N/A

5TH YEAR TESTING / INSPECTIONS

Tests to be done every fifth year.

Is system due for 5 Year internal pipe inspection?
No

Extra high, very extra high and ultra high temperature sprinklers tested?
N/A

Gauges checked against calibrated gauge or replaced?
N/A

Alarm valves and their associated strainers, filters and restriction orifices passed internal inspection?
N/A

Check valves internally inspected and all parts operate properly, move freely and are in good condition?
N/A

Strainers, filters, restricted orifices and diaphragm chamber on dry pipe, preaction and deluge valves passed internal inspection?
N/A

Maintenance

Annual Maintenance Items

Operating stem of all OS&Y valves lubricated completely closed and reopened?
Yes

Interior of dry pipe, preaction and deluge valves cleaned?
N/A

Low points drained in dry pipe, preaction and deluge systems prior to the onset of freezing weather?
N/A

Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for bult-type which show no signs of grease buildup?
N/A

COMMENTS

Any "NO" answers, test failures or other problems found with the sprinkler system must be explained here)
1 missing trim ring
4 Dry heads older than 10yrs
No coverage in entry to music room

Notes and Recommendations

Notes and Recommendations
Correct deficiencies

Plan of Corrective Action:
Contact Taylor Fire Protection 907-373-1760

Corrective Action Taken and Date:

Pictures

Photo 1

Photo 2

Photo 3



Photo 1 Descritpion
Spare head cabinet and wrench



Photo 2 Description
FDC

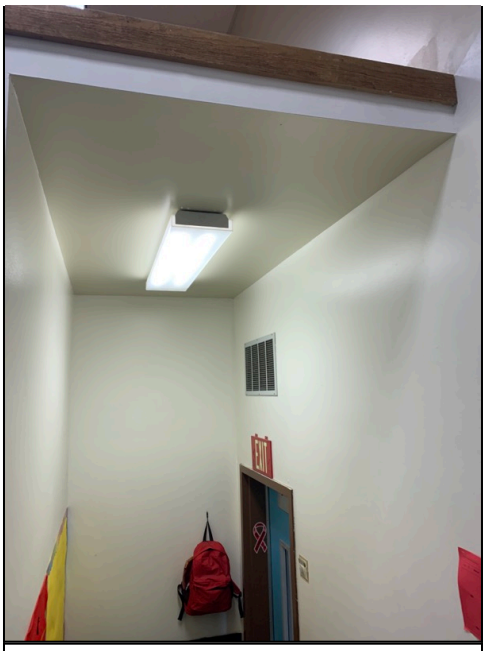


Photo 3 Description
No coverage in music room entry

Photo 4



Photo 4 Description
Missing chrome trim ring

Photo 5



Photo 5 Description
Example of dry heads over 10yrs old

Photo 6



Photo 6 Description
System restored to service after testing

Photo 22

Photo 22 Description

Photo 23

Photo 23 Description

Photo 21

Photo 21 Description

Photo 25

Photo 25 Description

Photo 26

Photo 26 Description

Photo 24

Photo 24 Description

Photo 28

Photo 28 Description

Photo 29

Photo 29 Description

Photo 27

Photo 27 Description

Photo 30

Photo 30 Description

Issues

System restored to normal operation

Date
06/28/2021

Time
13:31

Owner or Representative Signature

Date
06/28/2021

Owner or Representative Signature

Inspector Information

I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operational condition upon completion of the inspection except as noted in Part III above.

All testing was completed in accordance with (standard/edition)
NFPA 25

Name of Inspector
Eric Wilson

License Number
190-122

Date
06/28/2021

Time
13:38

Inspector Signature

Inspector Signature



TAYLOR Fire Protection Services, LLC.
5887 E. Blue Lupine Dr.
Palmer, AK 99645
907-373-1760
www.taylorfire.com

Sprinkler Inspection Report

Status

Status
3

Owner / Client / Contracting Entity

Date 08/01/2022	**Representative** Rusty
Name Mat-Su Borough School District	**Telephone** (907) 317-9589
Address 1 501 N Gulkana	**Fax**
Address 2 Mat-Su Borough School District	**Email** steven.belanger@matsuk12.us
City Palmer	
State AK	
Zip 99645	

Property

Name Cottonwood Creek Elementary	**Contact** Same
Address 1 800 N. Seward Meridian Pkwy	**Telephone** Same
Address 2	
City Wasilla	
State	

AK
Zip
99654

Inspection Period

Inspection Date 08/01/2022	**Description of Work / Items Inspected** Fire sprinkler system
Frequency Annual	

Owners Section

Is the building occupied?
Yes
Has the occupancy classification and hazard of the contents remained the same since the last inspection?
Yes
Are the fire protection systems in service?
Yes
Has the system remained in service without modification since the last inspection?
Yes
Was the system free of actuations of devices or alarms since the last inspection?
N/A

SPRINKLER & PIPING INFORMATION

Proper number and type of spare sprinklers?
Yes
Visible sprinklers free of corrosion?
Yes
Visible sprinklers free of obstructions to spray pattern?
Yes
Visible sprinklers free of foreign material including paint?
Yes
Visible sprinklers free of physical damage?
Yes
Visible pipe in good condition?
Yes
Visible pipe free of mechanical damage and not leaking?
Yes
Visible pipe has no external corrosion?
Yes
Visible pipe properly aligned?
Yes
Visible pipe has no external loads?

Yes

Visible pipe hangers and seismic braces not damaged or loose?
Yes

Adequate heat in areas with wet piping?
N/A

Hydraulic nameplate, if provided, securely attached to riser and legible?
N/A

Alarm devices free from physical damage?
Yes

If sprinklers have been replaced, were they proper replacements?
N/A

Gauges on systems in good condition and showing normal air and water pressure?
Yes

Are all sprinklers in service dated 1920 or later?
Yes

Fast Response sprinklers in service for less than 20 years? If "no" test sample now and every 10 years.
N/A

Standard sprinklers less than 50 years old?
Yes

If "no" (over 50 years) has sample been tested within 10 years? If "no" test sample now and every 10 years.
N/A

Are dry heads less than 10 years old?
Yes

If "no" (over 10 years) has sample been tested? If no test sample now.
N/A

VALVES

VALVE

Control Valve:	Number of Valves:	Type:	Easily Accessible?	Signs?	Valve on system in correct (open or closed) position?	Valve operated through full range and returned to normal position?
Tank	1	Os&y	Yes	Yes	Yes	Yes
Pump	3	Os&y/BFV	Yes	Yes	Yes	Yes
System	1	Os&y	Yes	No	Yes	Yes

VALVE (cont'd)

Control Valve:	Secured?	If "yes" (secured), How?	Valve supervision operational?	Operating stem of all OS&Y valves lubricated, completely closed and reopened?
Tank	Yes	Supervised	Yes	Yes
Pump	Yes	Locked	N/A	Yes
System	Yes	Supervised	Yes	Yes

FIRE DEPARTMENT CONNECTION

Fire department connections visible and accessible?
Yes

Fire department connection couplings and swivels not damaged and rotate smoothly?
Yes

Fire department connection plugs or caps in place and undamaged?

Yes

Fire department connection gaskets in place and in good condition?
Yes

Fire department connections identification sign(s) in place?
Yes

Fire department connections check valve is not leaking?
Yes

Fire department connections automatic drain valve in place and operating properly?
Yes

(Note: If plugs or caps are not in place, inspect the interior for obstructions and verify that the valve clapper is operational over its full range.)

SYSTEM TESTING

DRY PIPE SYSTEM - Main Drain Test

System - Make / Model	Drain Size (inch)	Static Pressure (psi)	Flow (psi)	Residual pressure (psi)	Was flow observed?	Are results comparable to previous year?
4” reliable model D	2	90	48	85	Yes	Yes

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test

System - Make / Model	Record initial air pressure (PSI).	Record initial water pressure (PSI).	Record tripping air Pressure (PSI)	Record trippint time (seconds).	Are results comparable to previous tests?	Dry pipe valves free from physical damage?	Dry pipe valves trim valves in appropriate (open or closed) position?
4” reliable model D	42	90	12	24	Yes	Yes	Yes

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test (cont'd)

System - Make / Model	Dry pipe valves have no leakage from intermediate chamber?	Interior of pipe in dry pipe system which passes through freezers free of ice blockage?	Dry pipe priming water level correct?	Dry pipe low air pressure signal passed test?	Quick opening devices passed test?	Low temp alarms in dry pipe, preaction and deluge valve enclosures passed test?	Air leaks in dry pipe system resulting in air pressure loss more than 10%?
4” reliable model D	No	N/A	No	Yes	Yes	N/A	N/A

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test (cont'd)

System - Make / Model	Dry pipe systems being maintained in dry condition?	Interior of dry pipe, preaction and deluge valves cleaned?	Low points drained in dry pipe, preaction and deluge systems prior to the onset of freezing weather?
4” reliable model D	No	N/A	Yes

DRY PIPE SYSTEM - Annual or Every Fifth Year for Valves Which Can Be Reset Without Opening

System - Make / Model	Interior of fifth year Dry Pipe Valves, Preaction and Deluge Valves, can be reset without opening?		
4” reliable model D	N/A		

AIR MAINTENANCE DEVICE

Automatic air maintenance devices on dry pipe and preaction systems passed test?
Yes

BACKFLOW

Backflow devices passed backflow test?
N/A

Backflow devices passed full flow test?
N/A

All sprinkler pressure regulating control valves passed full flow test?
N/A

ANTIFREEZE SYSTEM

5TH YEAR TESTING / INSPECTIONS

Tests to be done every fifth year.

Is system due for 5 Year internal pipe inspection?
No

Extra high, very extra high and ultra high temperature sprinklers tested?
N/A

Gauges checked against calibrated gauge or replaced?
N/A

Alarm valves and their associated strainers, filters and restriction orifices passed internal inspection?
N/A

Check valves internally inspected and all parts operate properly, move freely and are in good condition?
N/A

Strainers, filters, restricted orifices and diaphragm chamber on dry pipe, preaction and deluge valves passed internal inspection?
N/A

Maintenance

Annual Maintenance Items

Operating stem of all OS&Y valves lubricated completely closed and reopened?
Yes

Interior of dry pipe, preaction and deluge valves cleaned?
Yes

Low points drained in dry pipe, preaction and deluge systems prior to the onset of freezing weather?
Yes

Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for bult-type which show no signs of grease buildup?
N/A

COMMENTS

Any "NO" answers, test failures or other problems found with the sprinkler system must be explained here)
//missing escutcheons (see photos)
//alarm does not appear to be wired and is missing signage
//dry valve appears to be leaking by the intermediate chamber as there was a substantial amount of water in system upon arrival and was difficult to reset.

Notes and Recommendations

Notes and Recommendations
Correct deficiencies

Plan of Corrective Action:
Call Taylorfire 907-373-1760

Corrective Action Taken and Date:

Pictures

Photo 1



Photo 1 Descritpion
Missing chrome mod G escutcheon in cr 15 (heads needs extended1/2”)

Photo 4

Photo 2



Photo 2 Description
Missing model G escutcheon under soffit upstairs cr

Photo 23

Photo 23 Description

Photo 26

Photo 3



Photo 3 Description
Missing alarm bell signage (appears to not be wired)

Photo 21

Photo 21 Description

Photo 24



Photo 4 Description
System tagged and returned to normal operation

Photo 22

Photo 22 Description

Photo 25

Photo 25 Description

Photo 28

Photo 28 Description

Photo 26 Description

Photo 29

Photo 29 Description

Photo 24 Description

Photo 27

Photo 27 Description

Photo 30

Photo 30 Description

Notifications That Testing is Complete

Notified	Other (Specify)	Yes/No	Who	Time
Monitoring Agency		Yes	Guardian security	11:29

Issues

System restored to normal operation

Date
08/01/2022

Time
12:29

Owner or Representative Signature

Date
08/01/2022

Owner or Representative Signature

Inspector Information

I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operational condition upon completion of the inspection except as noted in Part III above.

All testing was completed in accordance with (standard/edition)
Nfpa25

Name of Inspector
Troy Jensen

License Number
190080

Date
08/01/2022

Time
11:29

Inspector Signature

Inspector Signature



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Sprinkler Inspection Report

Status

Status
3

Owner / Client / Contracting Entity

Date 06/23/2021	**Representative**
Name Mat-Su Borough School District	**Telephone**
Address 1 501 N Gulkana	**Fax**
Address 2 Mat-Su Borough School District	**Email**
City Palmer	
State AK	
Zip 99645	

Property

Name Finger Lake Elementary	**Contact**
Address 1 5981 Eek Street	**Telephone**
Address 2	
City Palmer	
State	

AK

Zip
99645

Inspection Period

Inspection Date
06/23/2021

Frequency
Annual

Description of Work / Items Inspected
Fire sprinkler system

Owners Section

Is the building occupied?
Yes

Has the occupancy classification and hazard of the contents remained the same since the last inspection?
Yes

Are the fire protection systems in service?
Yes

Has the system remained in service without modification since the last inspection?
Yes

Was the system free of actuations of devices or alarms since the last inspection?
N/A

SPRINKLER & PIPING INFORMATION

Proper number and type of spare sprinklers?
No

Visible sprinklers free of corrosion?
Yes

Visible sprinklers free of obstructions to spray pattern?
Yes

Visible sprinklers free of foreign material including paint?
Yes

Visible sprinklers free of physical damage?
Yes

Visible pipe in good condition?
Yes

Visible pipe free of mechanical damage and not leaking?
Yes

Visible pipe has no external corrosion?
Yes

Visible pipe properly aligned?
Yes

Visible pipe has no external loads?

Yes

Visible pipe hangers and seismic braces not damaged or loose?
Yes

Adequate heat in areas with wet piping?
N/A

Hydraulic nameplate, if provided, securely attached to riser and legible?
N/A

Alarm devices free from physical damage?
No

If sprinklers have been replaced, were they proper replacements?
N/A

Gauges on systems in good condition and showing normal air and water pressure?
Yes

Are all sprinklers in service dated 1920 or later?
Yes

Fast Response sprinklers in service for less than 20 years? If "no" test sample now and every 10 years.
N/A

Standard sprinklers less than 50 years old?
Yes

If "no" (over 50 years) has sample been tested within 10 years? If "no" test sample now and every 10 years.
N/A

Are dry heads less than 10 years old?
No

If "no" (over 10 years) has sample been tested? If no test sample now.
No

VALVES

VALVE

Control Valve:	Number of Valves:	Type:	Easily Accessible?	Signs?	Valve on system in correct (open or closed) position?	Valve operated through full range and returned to normal position?
Tank	1	Os&y	Yes	Yes	Yes	Yes
Pump	1	Bfv	Yes	Yes	Yes	Yes
System	1	Bfv	Yes	Yes	Yes	Yes

VALVE (cont'd)

Control Valve:	Secured?	If "yes" (secured), How?	Valve supervision operational?	Operating stem of all OS&Y valves lubricated, completely closed and reopened?
Tank	Yes	Supervised	Yes	Yes
Pump	Yes	Supervised	Yes	N/A
System	Yes	Supervised	Yes	N/A

FIRE DEPARTMENT CONNECTION

Fire department connections visible and accessible?
Yes

Fire department connection couplings and swivels not damaged and rotate smoothly?
Yes

Fire department connection plugs or caps in place and undamaged?

Yes

Fire department connection gaskets in place and in good condition?
Yes

Fire department connections identification sign(s) in place?
Yes

Fire department connections check valve is not leaking?
Yes

Fire department connections automatic drain valve in place and operating properly?
Yes

(Note: If plugs or caps are not in place, inspect the interior for obstructions and verify that the valve clapper is operational over its full range.)

SYSTEM TESTING

DRY PIPE SYSTEM - Main Drain Test

System - Make / Model	Drain Size (inch)	Static Pressure (psi)	Flow (psi)	Residual pressure (psi)	Was flow observed?	Are results comparable to previous year?
4" model reliable D	2	90	72	88	Yes	Yes

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test

System - Make / Model	Record initial air pressure (PSI).	Record initial water pressure (PSI).	Record tripping air Pressure (PSI)	Record trippint time (seconds).	Are results comparable to previous tests?	Dry pipe valves free from physical damage?	Dry pipe valves trim valves in appropriate (open or closed) position?
4" model reliable D	35	88	12	28	Yes	Yes	Yes

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test (cont'd)

System - Make / Model	Dry pipe valves have no leakage from intermediate chamber?	Interior of pipe in dry pipe system which passes through freezers free of ice blockage?	Dry pipe priming water level correct?	Dry pipe low air pressure signal passed test?	Quick opening devices passed test?	Low temp alarms in dry pipe, preaction and deluge valve enclosures passed test?	Air leaks in dry pipe system resulting in air pressure loss more than 10%?
4" model reliable D	Yes	N/A	Yes	Yes	Yes	N/A	N/A

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test (cont'd)

System - Make / Model	Dry pipe systems being maintained in dry condition?	Interior of dry pipe, preaction and deluge valves cleaned?	Low points drained in dry pipe, preaction and deluge systems prior to the onset of freezing weather?
4" model reliable D	Yes	N/A	Yes

DRY PIPE SYSTEM - Annual or Every Fifth Year for Valves Which Can Be Reset Without Opening

System - Make / Model	Interior of fifth year Dry Pipe Valves, Preaction and Deluge Valves, can be reset without opening?		
4" model reliable D	N/A		

AIR MAINTENANCE DEVICE

Automatic air maintenance devices on dry pipe and preaction systems passed test?
Yes

BACKFLOW

Backflow devices passed backflow test?
N/A

Backflow devices passed full flow test?
N/A

All sprinkler pressure regulating control valves passed full flow test?
N/A

ANTIFREEZE SYSTEM

5TH YEAR TESTING / INSPECTIONS

Tests to be done every fifth year.

Is system due for 5 Year internal pipe inspection?
No

Extra high, very extra high and ultra high temperature sprinklers tested?
N/A

Gauges checked against calibrated gauge or replaced?
N/A

Alarm valves and their associated strainers, filters and restriction orifices passed internal inspection?
N/A

Check valves internally inspected and all parts operate properly, move freely and are in good condition?
N/A

Strainers, filters, restricted orifices and diaphragm chamber on dry pipe, preaction and deluge valves passed internal inspection?
N/A

Maintenance

Annual Maintenance Items

Operating stem of all OS&Y valves lubricated completely closed and reopened?
Yes

Interior of dry pipe, preaction and deluge valves cleaned?
Yes

Low points drained in dry pipe, preaction and deluge systems prior to the onset of freezing weather?
Yes

Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for bult-type which show no signs of grease buildup?
N/A

COMMENTS

Any "NO" answers, test failures or other problems found with the sprinkler system must be explained here)

//1/2” SR 286 deg BU k5.6 needed for head box
//missing escutcheons x2in speech room
//dry heads due for testing/replacement
//no alarm bell signage

Notes and Recommendations

Notes and Recommendations

//correct deficiencies
//pressure relief valve is on the wrong side of air compressor shutoff valve therefore you must turn off breaker to compressor in order to shut it off
//no coverage under duct in fan room, appears approved on install

Plan of Corrective Action:

Call Taylorfire 907-373-1760

Corrective Action Taken and Date:

Pictures

Photo 1



Photo 1 Descritpion

No alarm bell signage

Photo 4

Photo 2



Photo 2 Description

Head box needs 286 deg SR BU

Photo 5

Photo 3



Photo 3 Description

Inspectors test

Photo 21

Photo 21 Description



Photo 4 Description
No coverage under duct (appears approved on install)



Photo 5 Description
System tagged and returned to normal operation

Photo 22
Photo 22 Description

Photo 23
Photo 23 Description

Photo 24
Photo 24 Description

Photo 25
Photo 25 Description

Photo 26
Photo 26 Description

Photo 27
Photo 27 Description

Photo 28
Photo 28 Description

Photo 29
Photo 29 Description

Photo 30
Photo 30 Description

Notifications That Testing is Complete

Notified	Other (Specify)	Yes/No	Who	Time
Monitoring Agency		Yes	Guardian security	15:03

Issues

System restored to normal operation

Date
06/23/2021

Time
15:03

Owner or Representative Signature

Date
06/23/2021

Owner or Representative Signature

Inspector Information

I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operational condition upon completion of the inspection except as noted in Part III above.

All testing was completed in accordance with (standard/edition)
Nfpa 25

Name of Inspector
Troy Jensen

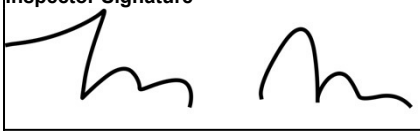
License Number
190080

Date
06/23/2021

Time
15:03

Inspector Signature

Inspector Signature



TAYLOR Fire Protection Services, LLC.
5887 E. Blue Lupine Dr.
Palmer, AK 99645
907-373-1760
www.taylorfire.com

Sprinkler Inspection Report

Status

Status
3

Owner / Client / Contracting Entity

Date 07/15/2022	**Representative** Rusty
Name Mat-Su Borough School District	**Telephone** (907) 317-9589
Address 1 501 N Gulkana	**Fax**
Address 2 Mat-Su Borough School District	**Email** steven.belanger@matsuk12.us
City Palmer	
State AK	
Zip 99645	

Property

Name Goose Bay Elementary	**Contact** Same
Address 1 6400 W. Hollywood Rd	**Telephone** Same
Address 2	
City Wasilla	
State	

AK

Zip
99623

Inspection Period

Inspection Date
07/15/2022

Frequency
Annual

Description of Work / Items Inspected
Fire sprinkler system

Owners Section

Is the building occupied?
Yes

Has the occupancy classification and hazard of the contents remained the same since the last inspection?
Yes

Are the fire protection systems in service?
Yes

Has the system remained in service without modification since the last inspection?
Yes

Was the system free of actuations of devices or alarms since the last inspection?
N/A

SPRINKLER & PIPING INFORMATION

Proper number and type of spare sprinklers?
Yes

Visible sprinklers free of corrosion?
Yes

Visible sprinklers free of obstructions to spray pattern?
Yes

Visible sprinklers free of foreign material including paint?
Yes

Visible sprinklers free of physical damage?
Yes

Visible pipe in good condition?
Yes

Visible pipe free of mechanical damage and not leaking?
Yes

Visible pipe has no external corrosion?
Yes

Visible pipe properly aligned?
Yes

Visible pipe has no external loads?

Yes

Visible pipe hangers and seismic braces not damaged or loose?
Yes

Adequate heat in areas with wet piping?
N/A

Hydraulic nameplate, if provided, securely attached to riser and legible?
N/A

Alarm devices free from physical damage?
Yes

If sprinklers have been replaced, were they proper replacements?
N/A

Gauges on systems in good condition and showing normal air and water pressure?
Yes

Are all sprinklers in service dated 1920 or later?
Yes

Fast Response sprinklers in service for less than 20 years? If "no" test sample now and every 10 years.
N/A

Standard sprinklers less than 50 years old?
Yes

If "no" (over 50 years) has sample been tested within 10 years? If "no" test sample now and every 10 years.
N/A

Are dry heads less than 10 years old?
Yes

If "no" (over 10 years) has sample been tested? If no test sample now.
N/A

VALVES

VALVE

Control Valve:	Number of Valves:	Type:	Easily Accessible?	Signs?	Valve on system in correct (open or closed) position?	Valve operated through full range and returned to normal position?
Tank	1	Os&y	Yes	Yes	Yes	Yes
Pump	3	BFV	Yes	Yes	Yes	Yes
System	2	BFV	Yes	Yes	Yes	Yes

VALVE (cont'd)

Control Valve:	Secured?	If "yes" (secured), How?	Valve supervision operational?	Operating stem of all OS&Y valves lubricated, completely closed and reopened?
Tank	Yes	Supervised	Yes	Yes
Pump	Yes	Supervised	Yes	N/A
System	Yes	Supervised	Yes	N/A

FIRE DEPARTMENT CONNECTION

Fire department connections visible and accessible?
Yes

Fire department connection couplings and swivels not damaged and rotate smoothly?
Yes

Fire department connection plugs or caps in place and undamaged?

Yes

Fire department connection gaskets in place and in good condition?
Yes

Fire department connections identification sign(s) in place?
Yes

Fire department connections check valve is not leaking?
Yes

Fire department connections automatic drain valve in place and operating properly?
Yes

(Note: If plugs or caps are not in place, inspect the interior for obstructions and verify that the valve clapper is operational over its full range.)

SYSTEM TESTING

WET SYSTEM - Main Drain Test

System - Make / Model	Drain Size (inch)	Static Pressure (PSI)	Flow (PSI).	Residual pressure (PSI).	Was flow observed?	Are results comparable to previous year?
1” flow switch and inspectors test (pump pit)	1/2”	NA	NA	NA	Yes	Yes

WET SYSTEM

System - Make / Model	Waterflow alarm devices passed tests?	Inspectors test connection opened? (wet pipe when not in freezing weather)	By-pass connection opened? (wet pipe systems in freezing weather, dry pipe, preaction, or deluge)	Alarms actuated and flow observed?	Valve supervisory switches indicated movement?	Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for built-type which show no signs of grease buildup?	Control valves (except OS&Y and gear operated indicating butterfly valves) opened until spring or torsion is felt in the rod, then closed back one-quarter turn?
1” flow switch and inspectors test (pump pit)	Yes	Yes	N/A	Yes	Yes	N/A	N/A

DRY PIPE SYSTEM - Main Drain Test

System - Make / Model	Drain Size (inch)	Static Pressure (psi)	Flow (psi)	Residual pressure (psi)	Was flow observed?	Are results comparable to previous year?
4” Tyco dpv1	2	65	54	65	Yes	Yes

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test

System - Make / Model	Record initial air pressure (PSI).	Record initial water pressure (PSI).	Record tripping air Pressure (PSI)	Record trippint time (seconds).	Are results comparable to previous tests?	Dry pipe valves free from physical damage?	Dry pipe valves trim valves in appropriate (open or closed) position?
4” Tyco dpv1	36	65	11	43	Yes	Yes	Yes

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test (cont'd)

System - Make / Model	Dry pipe valves have no leakage from intermediate chamber?	Interior of pipe in dry pipe system which passes through freezers free of ice blockage?	Dry pipe priming water level correct?	Dry pipe low air pressure signal passed test?	Quick opening devices passed test?	Low temp alarms in dry pipe, preaction and deluge valve enclosures passed test?	Air leaks in dry pipe system resulting in air pressure loss more than 10%?
4” Tyco dpv1	Yes	N/A	N/A	Yes	Yes	N/A	N/A

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test (cont'd)

System - Make / Model	Dry pipe systems being maintained in dry condition?	Interior of dry pipe, preaction and deluge valves cleaned?	Low points drained in dry pipe, preaction and deluge systems prior to the onset of freezing weather?
4” Tyco dpv1	Yes	N/A	Yes

DRY PIPE SYSTEM - Annual or Every Fifth Year for Valves Which Can Be Reset Without Opening

System - Make / Model	Interior of fifth year Dry Pipe Valves, Preaction and Deluge Valves, can be reset without opening?		
4” Tyco dpv1	N/A		

AIR MAINTENANCE DEVICE

Automatic air maintenance devices on dry pipe and preaction systems passed test?
Yes

BACKFLOW

Backflow devices passed backflow test?
N/A

Backflow devices passed full flow test?
N/A

All sprinkler pressure regulating control valves passed full flow test?
N/A

ANTIFREEZE SYSTEM

5TH YEAR TESTING / INSPECTIONS

Tests to be done every fifth year.

Is system due for 5 Year internal pipe inspection?
No

Extra high, very extra high and ultra high temperature sprinklers tested?
N/A

Gauges checked against calibrated gauge or replaced?
N/A

Alarm valves and their associated strainers, filters and restriction orifices passed internal inspection?
N/A

Check valves internally inspected and all parts operate properly, move freely and are in good condition?
N/A

Strainers, filters, restricted orifices and diaphragm chamber on dry pipe, preaction and deluge valves passed internal inspection?
N/A

Maintenance

Annual Maintenance Items

Operating stem of all OS&Y valves lubricated completely closed and reopened?
Yes

Interior of dry pipe, preaction and deluge valves cleaned?
N/A

Low points drained in dry pipe, preaction and deluge systems prior to the onset of freezing weather?
Yes

Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for bult-type which show no signs of grease buildup?
N/A

COMMENTS

Any "NO" answers, test failures or other problems found with the sprinkler system must be explained here)
//no alarm bell signage
//dry head in cooler due for replacement (8”)
//painted head in classroom 207x1 and 209x1
//obstructed head in kitchen

Notes and Recommendations

Notes and Recommendations
Correct deficiencies

Plan of Corrective Action:
Call Taylorfire 907-373-1760

Corrective Action Taken and Date:

Pictures

Photo 1

Photo 2

Photo 3



Photo 1 Descritpion
No alarm bell signage

Photo 4



Photo 4 Description
Painted head rm 209

Photo 7



Photo 2 Description
Dry head in cooler over 10 years old needs replaced (8”)

Photo 5



Photo 5 Description
Painted head rm 207

Photo 23

Photo 23 Description

Photo 26

Photo 26 Description

Photo 29

Photo 29 Description



Photo 3 Description
Head in kitchen obstructed by light and missing trim

Photo 6



Photo 6 Description
System tagged and returned to normal operation

Photo 21

Photo 21 Description

Photo 24

Photo 24 Description

Photo 27

Photo 27 Description

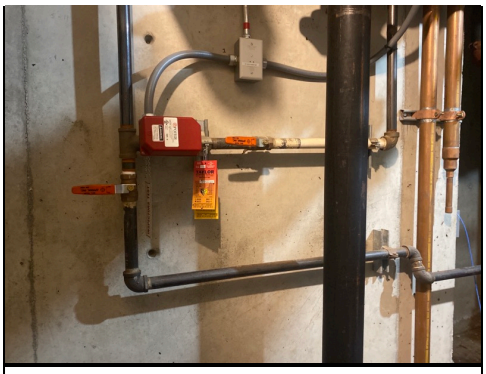


Photo 7 Description
Flow switch for pit head

Photo 22

Photo 22 Description

Photo 25

Photo 25 Description

Photo 28

Photo 28 Description

Photo 30

Photo 30 Description

Notifications That Testing is Complete

Notified	Other (Specify)	Yes/No	Who	Time
Monitoring Agency		Yes	Guardian security	13:28

Issues

System restored to normal operation

Date
07/15/2022

Time
13:29

Owner or Representative Signature

Date
07/15/2022

Owner or Representative Signature

Inspector Information

I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operational condition upon completion of the inspection except as noted in Part III above.

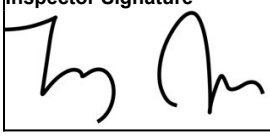
License Number
190080

Date
07/15/2022

All testing was completed in accordance with (standard/edition)	Time
NFPA25	13:29
Name of Inspector	
Troy Jensen	

Inspector Signature

Inspector Signature



TAYLOR Fire Protection Services, LLC.
5887 E. Blue Lupine Dr.
Palmer, AK 99645
907-373-1760
www.taylorfire.com

Sprinkler Inspection Report

Status

Status
3

Owner / Client / Contracting Entity

Date 06/25/2021	**Representative**
Name Mat-Su Borough School District	**Telephone**
Address 1 501 N Gulkana	**Fax**
Address 2 Mat-Su Borough School District	**Email**
City Palmer	
State AK	
Zip 99645	

Property

Name Pioneer Peak Elementary	**Contact**
Address 1 1959 Trunk Road	**Telephone**
Address 2	
City Palmer	
State	

AK
Zip
99645

Inspection Period

Inspection Date	**Description of Work / Items Inspected**
06/25/2021	Fire sprinkler system
Frequency	
Annual	

Owners Section

Is the building occupied?
Yes
Has the occupancy classification and hazard of the contents remained the same since the last inspection?
Yes
Are the fire protection systems in service?
Yes
Has the system remained in service without modification since the last inspection?
Yes
Was the system free of actuations of devices or alarms since the last inspection?
N/A

SPRINKLER & PIPING INFORMATION

Proper number and type of spare sprinklers?
Yes
Visible sprinklers free of corrosion?
Yes
Visible sprinklers free of obstructions to spray pattern?
No
Visible sprinklers free of foreign material including paint?
Yes
Visible sprinklers free of physical damage?
Yes
Visible pipe in good condition?
Yes
Visible pipe free of mechanical damage and not leaking?
Yes
Visible pipe has no external corrosion?
Yes
Visible pipe properly aligned?
Yes
Visible pipe has no external loads?

Yes

Visible pipe hangers and seismic braces not damaged or loose?
Yes

Adequate heat in areas with wet piping?
N/A

Hydraulic nameplate, if provided, securely attached to riser and legible?
N/A

Alarm devices free from physical damage?
Yes

If sprinklers have been replaced, were they proper replacements?
N/A

Gauges on systems in good condition and showing normal air and water pressure?
Yes

Are all sprinklers in service dated 1920 or later?
Yes

Fast Response sprinklers in service for less than 20 years? If "no" test sample now and every 10 years.
N/A

Standard sprinklers less than 50 years old?
Yes

If "no" (over 50 years) has sample been tested within 10 years? If "no" test sample now and every 10 years.
N/A

Are dry heads less than 10 years old?
No

If "no" (over 10 years) has sample been tested? If no test sample now.
No

VALVES

VALVE

Control Valve:	Number of Valves:	Type:	Easily Accessible?	Signs?	Valve on system in correct (open or closed) position?	Valve operated through full range and returned to normal position?
Tank	1	Os&y	Yes	Yes	Yes	Yes
Pump	2	Bfv	Yes	Yes	Yes	Yes
System	2	Os&y/BFv	Yes	Yes	Yes	Yes

VALVE (cont'd)

Control Valve:	Secured?	If "yes" (secured), How?	Valve supervision operational?	Operating stem of all OS&Y valves lubricated, completely closed and reopened?
Tank	Yes	Supervised	Yes	Yes
Pump	Yes	Supervised	Yes	N/A
System	Yes	Supervised	Yes	Yes

FIRE DEPARTMENT CONNECTION

Fire department connections visible and accessible?
Yes

Fire department connection couplings and swivels not damaged and rotate smoothly?
Yes

Fire department connection plugs or caps in place and undamaged?

Yes

Fire department connection gaskets in place and in good condition?
Yes

Fire department connections identification sign(s) in place?
Yes

Fire department connections check valve is not leaking?
Yes

Fire department connections automatic drain valve in place and operating properly?
Yes

(Note: If plugs or caps are not in place, inspect the interior for obstructions and verify that the valve clapper is operational over its full range.)

SYSTEM TESTING

DRY PIPE SYSTEM - Main Drain Test

System - Make / Model	Drain Size (inch)	Static Pressure (psi)	Flow (psi)	Residual pressure (psi)	Was flow observed?	Are results comparable to previous year?
4” reliable model D	2	100	60	98	Yes	Yes

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test

System - Make / Model	Record initial air pressure (PSI).	Record initial water pressure (PSI).	Record tripping air Pressure (PSI)	Record trippint time (seconds).	Are results comparable to previous tests?	Dry pipe valves free from physical damage?	Dry pipe valves trim valves in appropriate (open or closed) position?
4” reliable model D	40	98	14	80	Yes	Yes	Yes

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test (cont'd)

System - Make / Model	Dry pipe valves have no leakage from intermediate chamber?	Interior of pipe in dry pipe system which passes through freezers free of ice blockage?	Dry pipe priming water level correct?	Dry pipe low air pressure signal passed test?	Quick opening devices passed test?	Low temp alarms in dry pipe, preaction and deluge valve enclosures passed test?	Air leaks in dry pipe system resulting in air pressure loss more than 10%?
4” reliable model D	Yes	N/A	Yes	Yes	Yes	N/A	N/A

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test (cont'd)

System - Make / Model	Dry pipe systems being maintained in dry condition?	Interior of dry pipe, preaction and deluge valves cleaned?	Low points drained in dry pipe, preaction and deluge systems prior to the onset of freezing weather?
4” reliable model D	Yes	N/A	Yes

DRY PIPE SYSTEM - Annual or Every Fifth Year for Valves Which Can Be Reset Without Opening

System - Make / Model	Interior of fifth year Dry Pipe Valves, Preaction and Deluge Valves, can be reset without opening?		
4” reliable model D	N/A		

AIR MAINTENANCE DEVICE

Automatic air maintenance devices on dry pipe and preaction systems passed test?
Yes

BACKFLOW

Backflow devices passed backflow test?
N/A

Backflow devices passed full flow test?
N/A

All sprinkler pressure regulating control valves passed full flow test?
N/A

ANTIFREEZE SYSTEM

5TH YEAR TESTING / INSPECTIONS

Tests to be done every fifth year.

Is system due for 5 Year internal pipe inspection?
No

Extra high, very extra high and ultra high temperature sprinklers tested?
N/A

Gauges checked against calibrated gauge or replaced?
N/A

Alarm valves and their associated strainers, filters and restriction orifices passed internal inspection?
N/A

Check valves internally inspected and all parts operate properly, move freely and are in good condition?
N/A

Strainers, filters, restricted orifices and diaphragm chamber on dry pipe, preaction and deluge valves passed internal inspection?
N/A

Maintenance

Annual Maintenance Items

Operating stem of all OS&Y valves lubricated completely closed and reopened?
Yes

Interior of dry pipe, preaction and deluge valves cleaned?
Yes

Low points drained in dry pipe, preaction and deluge systems prior to the onset of freezing weather?
Yes

Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for bult-type which show no signs of grease buildup?
N/A

COMMENTS

Any "NO" answers, test failures or other problems found with the sprinkler system must be explained here)
//missing escutcheons, loaded heads and obstructed sprinkler heads (see photos for locations)
//dry heads past due for testing/replacement

Notes and Recommendations

Notes and Recommendations
Correct deficiencies

Plan of Corrective Action:

Corrective Action Taken and Date:

Pictures

Photo 1

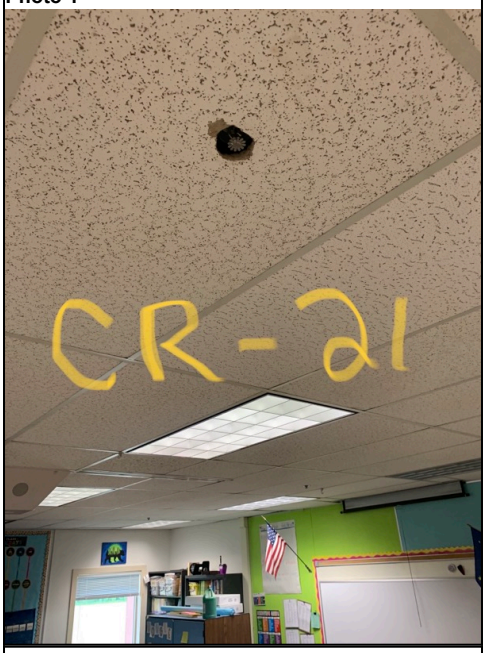


Photo 1 Descritpion
Obstructed head/missing escutcheon

Photo 2



Photo 2 Description
Obstructed head/missing escutcheon

Photo 3



Photo 3 Description
Lacking coverage

Photo 4

Photo 5

Photo 6



Photo 4 Description
No alarm bell signage

Photo 22

Photo 22 Description

Photo 25

Photo 25 Description

Photo 28

Photo 28 Description

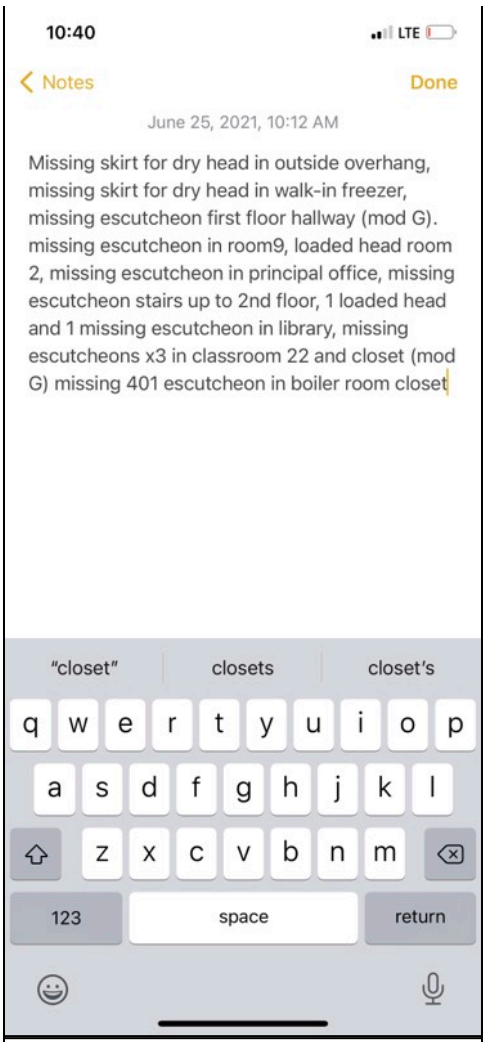


Photo 5 Description
Location of missing escutcheons, loaded heads

Photo 23

Photo 23 Description

Photo 26

Photo 26 Description

Photo 29

Photo 29 Description

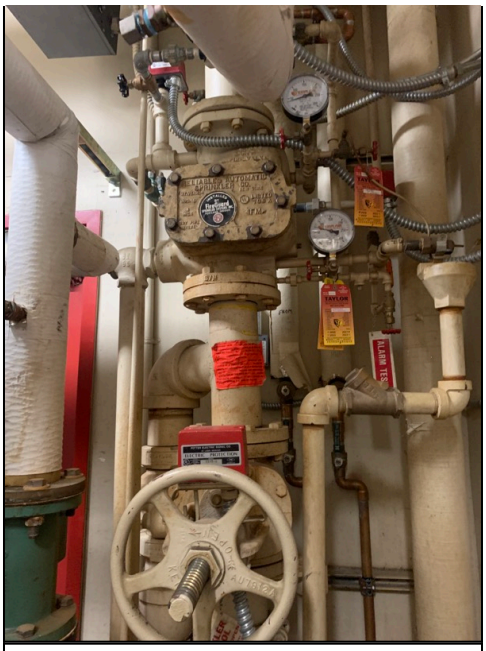


Photo 6 Description
System tagged and returned to normal operation

Photo 21

Photo 21 Description

Photo 24

Photo 24 Description

Photo 27

Photo 27 Description

Photo 30

Photo 30 Description

Notifications That Testing is Complete

Notified	Other (Specify)	Yes/No	Who	Time
Monitoring Agency		Yes	Guardian security	10:55

Issues

System restored to normal operation

Date	Time
06/25/2021	10:55

Owner or Representative Signature

Date
06/25/2021

Owner or Representative Signature

Inspector Information

I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operational condition upon completion of the inspection except as noted in Part III above.

License Number
190080
Date
06/25/2021
Time
10:55

All testing was completed in accordance with (standard/edition)
Nfpa 25

Name of Inspector
Troy Jensen

Inspector Signature

Inspector Signature



TAYLOR Fire Protection Services, LLC.
5887 E. Blue Lupine Dr.
Palmer, AK 99645
907-373-1760
www.taylorfire.com

Sprinkler Inspection Report

Status

Status
3

Owner / Client / Contracting Entity

Date 07/20/2022	**Representative** Dave Larson
Name Mat-Su Borough School District	**Telephone** (907) 632-6231
Address 1 501 N Gulkana	**Fax**
Address 2 Mat-Su Borough School District	**Email** david.larson@matsuk12.us
City Palmer	
State AK	
Zip 99645	

Property

Name Snowshoe Elementary	**Contact** Same
Address 1 2001 W Fairview Loop	**Telephone** Same
Address 2	
City Wasilla	
State	

AK
Zip
99654

Inspection Period

Inspection Date	**Description of Work / Items Inspected**
07/20/2022	Fire sprinkler system
Frequency	
Annual	

Owners Section

Is the building occupied?
Yes
Has the occupancy classification and hazard of the contents remained the same since the last inspection?
Yes
Are the fire protection systems in service?
Yes
Has the system remained in service without modification since the last inspection?
Yes
Was the system free of actuations of devices or alarms since the last inspection?
N/A

SPRINKLER & PIPING INFORMATION

Proper number and type of spare sprinklers?
No
Visible sprinklers free of corrosion?
Yes
Visible sprinklers free of obstructions to spray pattern?
Yes
Visible sprinklers free of foreign material including paint?
Yes
Visible sprinklers free of physical damage?
Yes
Visible pipe in good condition?
Yes
Visible pipe free of mechanical damage and not leaking?
Yes
Visible pipe has no external corrosion?
Yes
Visible pipe properly aligned?
Yes
Visible pipe has no external loads?

Yes

Visible pipe hangers and seismic braces not damaged or loose?
Yes

Adequate heat in areas with wet piping?
N/A

Hydraulic nameplate, if provided, securely attached to riser and legible?
N/A

Alarm devices free from physical damage?
Yes

If sprinklers have been replaced, were they proper replacements?
N/A

Gauges on systems in good condition and showing normal air and water pressure?
Yes

Are all sprinklers in service dated 1920 or later?
Yes

Fast Response sprinklers in service for less than 20 years? If "no" test sample now and every 10 years.
N/A

Standard sprinklers less than 50 years old?
Yes

If "no" (over 50 years) has sample been tested within 10 years? If "no" test sample now and every 10 years.
N/A

Are dry heads less than 10 years old?
Yes

If "no" (over 10 years) has sample been tested? If no test sample now.
N/A

VALVES

VALVE

Control Valve:	Number of Valves:	Type:	Easily Accessible?	Signs?	Valve on system in correct (open or closed) position?	Valve operated through full range and returned to normal position?
Tank	1	Os&y	Yes	Yes	Yes	Yes
Pump	1	Os&y	Yes	Yes	Yes	Yes
System	1	Os&y	Yes	Yes	Yes	Yes

VALVE (cont'd)

Control Valve:	Secured?	If "yes" (secured), How?	Valve supervision operational?	Operating stem of all OS&Y valves lubricated, completely closed and reopened?
Tank	Yes	Supervised	Yes	Yes
Pump	Yes	Sealed	N/A	Yes
System	Yes	Supervised	Yes	Yes

FIRE DEPARTMENT CONNECTION

Fire department connections visible and accessible?
Yes

Fire department connection couplings and swivels not damaged and rotate smoothly?
Yes

Fire department connection plugs or caps in place and undamaged?

Yes

Fire department connection gaskets in place and in good condition?
Yes

Fire department connections identification sign(s) in place?
Yes

Fire department connections check valve is not leaking?
Yes

Fire department connections automatic drain valve in place and operating properly?
Yes

(Note: If plugs or caps are not in place, inspect the interior for obstructions and verify that the valve clapper is operational over its full range.)

SYSTEM TESTING

WET SYSTEM - Main Drain Test

System - Make / Model	Drain Size (inch)	Static Pressure (PSI)	Flow (PSI).	Residual pressure (PSI).	Was flow observed?	Are results comparable to previous year?
4" central alarm check	2	90	85	93	Yes	Yes

WET SYSTEM

System - Make / Model	Waterflow alarm devices passed tests?	Inspectors test connection opened? (wet pipe when not in freezing weather)	By-pass connection opened? (wet pipe systems in freezing weather, dry pipe, preaction, or deluge)	Alarms actuated and flow observed?	Valve supervisory switches indicated movement?	Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for built-type which show no signs of grease buildup?	Control valves (except OS&Y and gear operated indicating butterfly valves) opened until spring or torsion is felt in the rod, then closed back one-quarter turn?
4" central alarm check	Yes						

AIR MAINTENANCE DEVICE

Automatic air maintenance devices on dry pipe and preaction systems passed test?

BACKFLOW

Backflow devices passed backflow test?

Backflow devices passed full flow test?

All sprinkler pressure regulating control valves passed full flow test?

ANTIFREEZE SYSTEM

5TH YEAR TESTING / INSPECTIONS

Tests to be done every fifth year.
Is system due for 5 Year internal pipe inspection?
Extra high, very extra high and ultra high temperature sprinklers tested?
Gauges checked against calibrated gauge or replaced?
Alarm valves and their associated strainers, filters and restriction orifices passed internal inspection?
Check valves internally inspected and all parts operate properly, move freely and are in good condition?
Strainers, filters, restricted orifices and diaphragm chamber on dry pipe, preaction and deluge valves passed internal inspection?

Maintenance

Annual Maintenance Items
Operating stem of all OS&Y valves lubricated completely closed and reopened?
Interior of dry pipe, preaction and deluge valves cleaned?
Low points drained in dry pipe, preaction and deluge systems prior to the onset of freezing weather?
Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for bult-type which show no signs of grease buildup?

COMMENTS

Any "NO" answers, test failures or other problems found with the sprinkler system must be explained here)

//mixed response head in boiler room x1
//no coverage in elevator area near stage (appears approved on install)
//no coverage in closet in CR 6 (appears approved on install)
//loaded head x1 and missing escutcheon x1 in fan room
//missing escutcheon x1 in mrs. palmers CR
//incorrect number/type spare heads in sprinkler cabinet
//no coverage outside main entrance (appears approved on install)

Notes and Recommendations

Notes and Recommendations
//could not locate inspectors test
//Correct deficiencies

Plan of Corrective Action:
Call Taylorfire 907-373-1760

Corrective Action Taken and Date:

Pictures

Photo 1



Photo 1 Descritpion
No coverage

Photo 2



Photo 2 Description
Loaded head

Photo 3



Photo 3 Description
Missing escutcheon

Photo 4

Photo 5 Description
Missing escutcheon

Photo 6

Photo 8

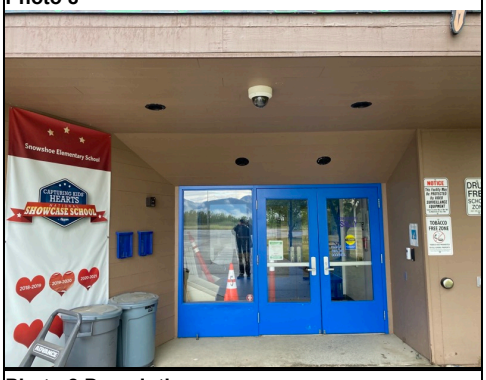


Photo 8 Description

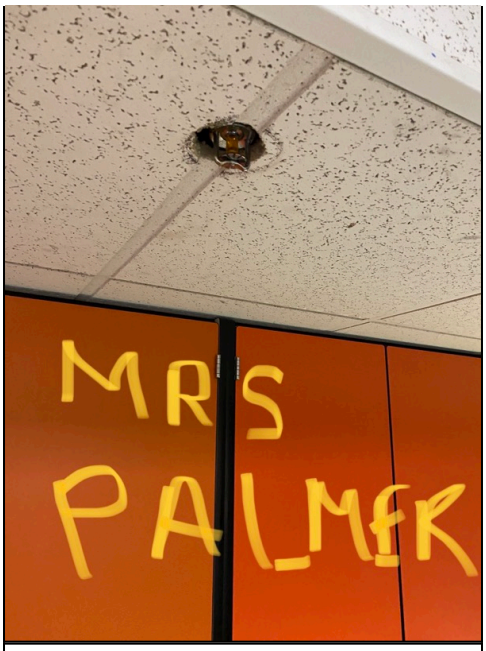


Photo 7



Photo 7 Description
Incorrect number/type of spare heads

Photo 10



No coverage

Photo 23

Photo 23 Description

Photo 26

Photo 26 Description

Photo 29

Photo 29 Description



Photo 6 Description
No coverage

Photo 9

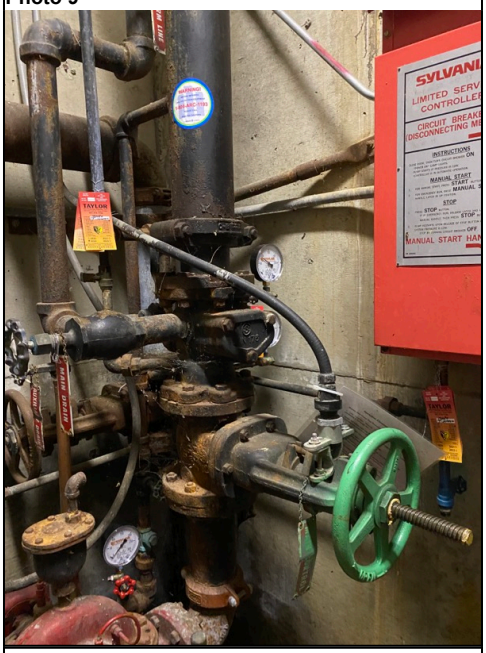


Photo 9 Description
System tagged and returned to normal operation

Photo 21

Photo 21 Description

Photo 24

Photo 24 Description

Photo 27

Photo 27 Description

Photo 10 Description
Panel normal
Photo 22
Photo 22 Description
Photo 25
Photo 25 Description
Photo 28
Photo 28 Description

Photo 30
Photo 30 Description

Notifications That Testing is Complete

Notified	Other (Specify)	Yes/No	Who	Time
Monitoring Agency		Yes	Guardian security	14:59

Issues

System restored to normal operation

Date	Time
07/20/2022	14:59

Owner or Representative Signature

Date
07/20/2022

Owner or Representative Signature

Inspector Information

I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operational condition upon completion of the inspection except as noted in Part III above.

All testing was completed in accordance with (standard/edition)
Nfpa25

Name of Inspector
Troy Jensen

License Number
190080

Date
07/20/2022

Time
14:59

Inspector Signature

Inspector Signature



5887 E. Blue Lupine Dr.
Palmer, AK 99645
907-373-1760
www.taylorfire.com

Sprinkler Inspection Report

Status

Status
3

Owner / Client / Contracting Entity

Date 07/20/2022	**Representative**
Name Matsu Borough School District	**Telephone**
Address 1 501 N Gulkana	**Fax**
Address 2	**Email**
City Palmer	
State Ak	
Zip 99645	

Property

Name Sutton Elementary School	**Contact**
Address 1 11762 N Wright Way	**Telephone**
Address 2	
City Sutton	
State	

Ak
Zip
99674

Inspection Period

Inspection Date	**Description of Work / Items Inspected**
07/20/2022	Fire sprinkler system
Frequency	
Annual	

Owners Section

Is the building occupied?
Yes
Has the occupancy classification and hazard of the contents remained the same since the last inspection?
Yes
Are the fire protection systems in service?
Yes
Has the system remained in service without modification since the last inspection?
Yes
Was the system free of actuations of devices or alarms since the last inspection?
Yes

SPRINKLER & PIPING INFORMATION

Proper number and type of spare sprinklers?
Yes
Visible sprinklers free of corrosion?
Yes
Visible sprinklers free of obstructions to spray pattern?
No
Visible sprinklers free of foreign material including paint?
Yes
Visible sprinklers free of physical damage?
Yes
Visible pipe in good condition?
Yes
Visible pipe free of mechanical damage and not leaking?
Yes
Visible pipe has no external corrosion?
Yes
Visible pipe properly aligned?
Yes
Visible pipe has no external loads?

Yes

Visible pipe hangers and seismic braces not damaged or loose?
Yes

Adequate heat in areas with wet piping?
Yes

Hydraulic nameplate, if provided, securely attached to riser and legible?
Yes

Alarm devices free from physical damage?
Yes

If sprinklers have been replaced, were they proper replacements?
N/A

Gauges on systems in good condition and showing normal air and water pressure?
Yes

Are all sprinklers in service dated 1920 or later?
Yes

Fast Response sprinklers in service for less than 20 years? If "no" test sample now and every 10 years.
Yes

Standard sprinklers less than 50 years old?
Yes

If "no" (over 50 years) has sample been tested within 10 years? If "no" test sample now and every 10 years.
N/A

Are dry heads less than 10 years old?
No

If "no" (over 10 years) has sample been tested? If no test sample now.
No

VALVES

VALVE

Control Valve:	Number of Valves:	Type:	Easily Accessible?	Signs?	Valve on system in correct (open or closed) position?	Valve operated through full range and returned to normal position?
System	3	Os&y	Yes	Yes	Yes	Yes
Pump	1	Bfv	Yes	Yes	Yes	Yes
City	1	Os&y	Yes	Yes	Yes	Yes

VALVE (cont'd)

Control Valve:	Secured?	If "yes" (secured), How?	Valve supervision operational?	Operating stem of all OS&Y valves lubricated, completely closed and reopened?
System	Yes	Supervised	Yes	Yes
Pump	No			
City	Yes	Supervised	Yes	Yes

FIRE DEPARTMENT CONNECTION

Fire department connections visible and accessible?
Yes

Fire department connection couplings and swivels not damaged and rotate smoothly?
Yes

Fire department connection plugs or caps in place and undamaged?

No

Fire department connection gaskets in place and in good condition?
Yes

Fire department connections identification sign(s) in place?
Yes

Fire department connections check valve is not leaking?
Yes

Fire department connections automatic drain valve in place and operating properly?
Yes

(Note: If plugs or caps are not in place, inspect the interior for obstructions and verify that the valve clapper is operational over its full range.)

SYSTEM TESTING

WET SYSTEM - Main Drain Test

System - Make / Model	Drain Size (inch)	Static Pressure (PSI)	Flow (PSI).	Residual pressure (PSI).	Was flow observed?	Are results comparable to previous year?
4” #1 riser	2	85	60	85	Yes	Yes
4” #2	2	84	68	85	Yes	Yes

WET SYSTEM

System - Make / Model	Waterflow alarm devices passed tests?	Inspectors test connection opened? (wet pipe when not in freezing weather)	By-pass connection opened? (wet pipe systems in freezing weather, dry pipe, preaction, or deluge)	Alarms actuated and flow observed?	Valve supervisory switches indicated movement?	Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for built-type which show no signs of grease buildup?	Control valves (except OS&Y and gear operated indicating butterfly valves) opened until spring or torsion is felt in the rod, then closed back one-quarter turn?
4” #1 riser	Yes	Yes	N/A	Yes	Yes	N/A	N/A
4” #2	Yes	Yes	N/A	Yes	Yes	N/A	N/A

DRY PIPE SYSTEM - Main Drain Test

System - Make / Model	Drain Size (inch)	Static Pressure (psi)	Flow (psi)	Residual pressure (psi)	Was flow observed?	Are results comparable to previous year?
3” CSC mod D	1.25	85	65	85	Yes	Yes

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test

System - Make / Model	Record initial air pressure (PSI).	Record initial water pressure (PSI).	Record tripping air Pressure (PSI)	Record trippint time (seconds).	Are results comparable to previous tests?	Dry pipe valves free from physical damage?	Dry pipe valves trim valves in appropriate (open or closed) position?
3” CSC mod D	44	85	15	30	Yes	Yes	Yes

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test (cont'd)

System - Make / Model	Dry pipe valves have no leakage from intermediate chamber?	Interior of pipe in dry pipe system which passes through freezers free of ice blockage?	Dry pipe priming water level correct?	Dry pipe low air pressure signal passed test?	Quick opening devices passed test?	Low temp alarms in dry pipe, preaction and deluge valve enclosures passed test?	Air leaks in dry pipe system resulting in air pressure loss more than 10%?
3” CSC mod D		N/A		Yes	N/A		

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test (cont'd)

System - Make / Model	Dry pipe systems being maintained in dry condition?	Interior of dry pipe, preaction and deluge valves cleaned?	Low points drained in dry pipe, preaction and deluge systems prior to the onset of freezing weather?
3” CSC mod D	Yes	N/A	Yes

DRY PIPE SYSTEM - Annual or Every Fifth Year for Valves Which Can Be Reset Without Opening

System - Make / Model	Interior of fifth year Dry Pipe Valves, Preaction and Deluge Valves, can be reset without opening?		
3” CSC mod D	N/A		

AIR MAINTENANCE DEVICE

Automatic air maintenance devices on dry pipe and preaction systems passed test?
Yes

BACKFLOW

Backflow devices passed backflow test?
N/A

Backflow devices passed full flow test?

All sprinkler pressure regulating control valves passed full flow test?

ANTIFREEZE SYSTEM

5TH YEAR TESTING / INSPECTIONS

Tests to be done every fifth year.

Is system due for 5 Year internal pipe inspection?
No

Extra high, very extra high and ultra high temperature sprinklers tested?
N/A

Gauges checked against calibrated gauge or replaced?
No

Alarm valves and their associated strainers, filters and restriction orifices passed internal inspection?
N/A

Check valves internally inspected and all parts operate properly, move freely and are in good condition?
N/A

Strainers, filters, restricted orifices and diaphragm chamber on dry pipe, preaction and deluge valves passed internal inspection?
N/A

Maintenance

Annual Maintenance Items

Operating stem of all OS&Y valves lubricated completely closed and reopened?
Yes

Interior of dry pipe, preaction and deluge valves cleaned?
Yes

Low points drained in dry pipe, preaction and deluge systems prior to the onset of freezing weather?
Yes

Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for bult-type which show no signs of grease buildup?
N/A

COMMENTS

Any "NO" answers, test failures or other problems found with the sprinkler system must be explained here)
1) heads blocked x 2 in gym(speakers)
2) some missing escutcheons
3) fdc cap is missing
4) recommend installing an alarm bell sign
5) mezzanine above electrical rm has lack of coverage in dark tunnel and hd is too high

Notes and Recommendations

Notes and Recommendations
Repair deficiencies

Plan of Corrective Action:
Contact Taylor Fire Protection 907-373-1760

Corrective Action Taken and Date:

Pictures

Photo 1

Photo 2

Photo 3



Photo 1 Descritpion
Systems left in service



Photo 2 Description
FP left in service



Photo 3 Description
High hd in dark tunnel

Photo 4



Photo 4 Description
Missing escutcheons

Photo 5



Photo 5 Description
Dry pendant

Photo 21

Photo 21 Description

Photo 22

Photo 22 Description

Photo 23

Photo 23 Description

Photo 24

Photo 24 Description

Photo 25

Photo 25 Description

Photo 26

Photo 26 Description

Photo 27

Photo 27 Description

Photo 28

Photo 28 Description

Photo 29

Photo 29 Description

Photo 30

Photo 30 Description

Notifications That Testing is Complete

Notified	Other (Specify)	Yes/No	Who	Time
Monitoring Agency		Yes	Lane	14:12

Issues

System restored to normal operation

Date
07/20/2022

Time
14:12

Owner or Representative Signature

Date
07/20/2022

Owner or Representative Signature

Inspector Information

I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operational condition upon completion of the inspection except as noted in Part III above.

All testing was completed in accordance with (standard/edition)
NFPA standards

Name of Inspector
Scott Hinson

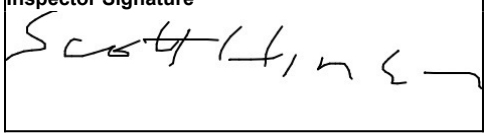
License Number
13-040

Date
07/20/2022

Time
14:12

Inspector Signature

Inspector Signature



TAYLOR Fire Protection Services, LLC.
5887 E. Blue Lupine Dr.
Palmer, AK 99645
907-373-1760
www.taylorfire.com

Sprinkler Inspection Report

Status

Status
3

Owner / Client / Contracting Entity

Date 07/20/2022	**Representative**
Name Matsu Borough School District	**Telephone**
Address 1 501 N Gulkana	**Fax**
Address 2	**Email**
City Palmer	
State Ak	
Zip 99645	

Property

Name Swanson Elementary School	**Contact**
Address 1 609 N Gulkana	**Telephone**
Address 2	
City Palmer	
State	

Ak
Zip
99645

Inspection Period

Inspection Date	**Description of Work / Items Inspected**
07/20/2022	Fire sprinkler system
Frequency	
Annual	

Owners Section

Is the building occupied?
Yes
Has the occupancy classification and hazard of the contents remained the same since the last inspection?
Yes
Are the fire protection systems in service?
Yes
Has the system remained in service without modification since the last inspection?
Yes
Was the system free of actuations of devices or alarms since the last inspection?
Yes

SPRINKLER & PIPING INFORMATION

Proper number and type of spare sprinklers?
Yes
Visible sprinklers free of corrosion?
Yes
Visible sprinklers free of obstructions to spray pattern?
Yes
Visible sprinklers free of foreign material including paint?
Yes
Visible sprinklers free of physical damage?
Yes
Visible pipe in good condition?
Yes
Visible pipe free of mechanical damage and not leaking?
Yes
Visible pipe has no external corrosion?
Yes
Visible pipe properly aligned?
Yes
Visible pipe has no external loads?

Yes

Visible pipe hangers and seismic braces not damaged or loose?
Yes

Adequate heat in areas with wet piping?
Yes

Hydraulic nameplate, if provided, securely attached to riser and legible?
N/A

Alarm devices free from physical damage?
Yes

If sprinklers have been replaced, were they proper replacements?
N/A

Gauges on systems in good condition and showing normal air and water pressure?
Yes

Are all sprinklers in service dated 1920 or later?
Yes

Fast Response sprinklers in service for less than 20 years? If "no" test sample now and every 10 years.
Yes

Standard sprinklers less than 50 years old?
Yes

If "no" (over 50 years) has sample been tested within 10 years? If "no" test sample now and every 10 years.
N/A

Are dry heads less than 10 years old?
No

If "no" (over 10 years) has sample been tested? If no test sample now.
No

VALVES

VALVE

Control Valve:	Number of Valves:	Type:	Easily Accessible?	Signs?	Valve on system in correct (open or closed) position?	Valve operated through full range and returned to normal position?
Backflow	2	Os&y	Yes	Yes	Yes	Yes
System	2	Bfv	Yes	Yes	Yes	Yes

VALVE (cont'd)

Control Valve:	Secured?	If "yes" (secured), How?	Valve supervision operational?	Operating stem of all OS&Y valves lubricated, completely closed and reopened?
Backflow	Yes	Supervised	Yes	Yes
System	Yes	Supervised	Yes	N/A

FIRE DEPARTMENT CONNECTION

Fire department connections visible and accessible?
Yes

Fire department connection couplings and swivels not damaged and rotate smoothly?
Yes

Fire department connection plugs or caps in place and undamaged?
Yes

Fire department connection gaskets in place and in good condition?

Yes

Fire department connections identification sign(s) in place?
No

Fire department connections check valve is not leaking?
N/A

Fire department connections automatic drain valve in place and operating properly?
Yes

(Note: If plugs or caps are not in place, inspect the interior for obstructions and verify that the valve clapper is operational over its full range.)

SYSTEM TESTING

WET SYSTEM - Main Drain Test

System - Make / Model	Drain Size (inch)	Static Pressure (PSI)	Flow (PSI).	Residual pressure (PSI).	Was flow observed?	Are results comparable to previous year?
3” Grinnell redi riser N	1.25	100	80	95	Yes	Yes
3” Grinnell redi riser E	.1.25	100	85	100	Yes	Yes

WET SYSTEM

System - Make / Model	Waterflow alarm devices passed tests?	Inspectors test connection opened? (wet pipe when not in freezing weather)	By-pass connection opened? (wet pipe systems in freezing weather, dry pipe, preaction, or deluge)	Alarms actuated and flow observed?	Valve supervisory switches indicated movement?	Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for built-type which show no signs of grease buildup?	Control valves (except OS&Y and gear operated indicating butterfly valves) opened until spring or torsion is felt in the rod, then closed back one-quarter turn?
3” Grinnell redi riser N	Yes	Yes	N/A	Yes	Yes	N/A	N/A
3” Grinnell redi riser E	Yes	Yes	N/A	Yes	Yes	N/A	N/A

AIR MAINTENANCE DEVICE

Automatic air maintenance devices on dry pipe and preaction systems passed test?

BACKFLOW

Backflow devices passed backflow test?
No

Backflow devices passed full flow test?

All sprinkler pressure regulating control valves passed full flow test?

ANTIFREEZE SYSTEM

5TH YEAR TESTING / INSPECTIONS

Tests to be done every fifth year.

Is system due for 5 Year internal pipe inspection?
No

Extra high, very extra high and ultra high temperature sprinklers tested?
N/A

Gauges checked against calibrated gauge or replaced?
No

Alarm valves and their associated strainers, filters and restriction orifices passed internal inspection?
N/A

Check valves internally inspected and all parts operate properly, move freely and are in good condition?
N/A

Strainers, filters, restricted orifices and diaphragm chamber on dry pipe, preaction and deluge valves passed internal inspection?
N/A

Maintenance

Annual Maintenance Items

Operating stem of all OS&Y valves lubricated completely closed and reopened?
Yes

Interior of dry pipe, preaction and deluge valves cleaned?
N/A

Low points drained in dry pipe, preaction and deluge systems prior to the onset of freezing weather?
N/A

Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for bult-type which show no signs of grease buildup?
N/A

COMMENTS

Any "NO" answers, test failures or other problems found with the sprinkler system must be explained here)
1) no fdc identification sign-recommend installing one
2) no alarm bell- recommend installing one above fdc
3) BF failed- recommend repairing it

Notes and Recommendations

Notes and Recommendations

Plan of Corrective Action:
Contact Taylor Fire Protection 907-373-1760

Corrective Action Taken and Date:

Pictures

Photo 1

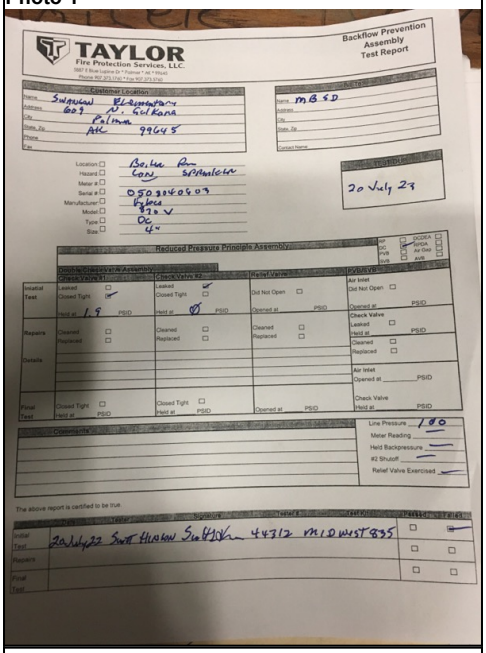


Photo 1 Descritpion
Failed backflow test

Photo 2



Photo 2 Description
Failed BF left in service

Photo 3

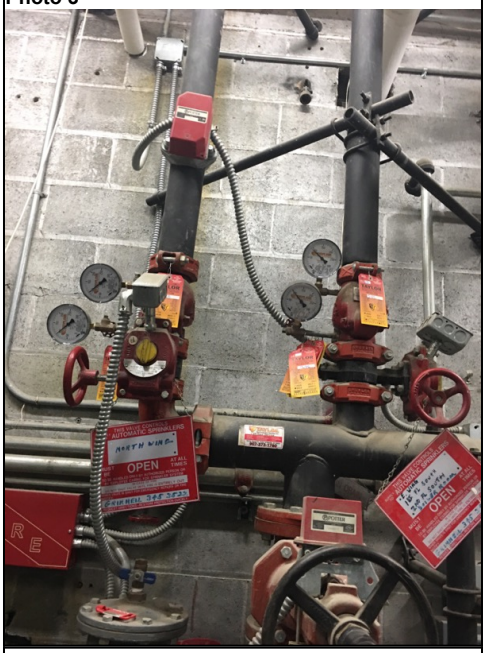


Photo 3 Description
Systems left in service

Photo 4



Photo 5



Photo 21

Photo 21 Description

Photo 24

Photo 24 Description

Photo 27

Photo 27 Description

Photo 30

Photo 30 Description

Photo 4 Description	Photo 5 Description
Spare heads	Fdc
Photo 22	**Photo 23**
Photo 22 Description	**Photo 23 Description**
Photo 25	**Photo 26**
Photo 25 Description	**Photo 26 Description**
Photo 28	**Photo 29**
Photo 28 Description	**Photo 29 Description**

Notifications That Testing is Complete

Notified	Other (Specify)	Yes/No	Who	Time
Monitoring Agency		Yes	Lane	16:29

Issues

System restored to normal operation

Date
07/20/2022

Time
16:29

Owner or Representative Signature

Date
07/20/2022

Owner or Representative Signature

Inspector Information

I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operational condition upon completion of the inspection except as noted in Part III above.

All testing was completed in accordance with (standard/edition)
NFPA standards

Name of Inspector
Scott Hinson

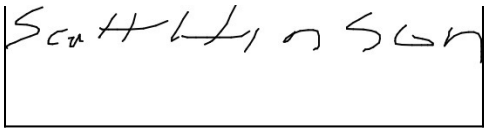
License Number
13-040

Date
07/20/2022

Time
16:30

Inspector Signature

Inspector Signature



5887 E. Blue Lupine Dr.
Palmer, AK 99645
907-373-1760
www.taylorfire.com

Sprinkler Inspection Report

Status

Status
4

Owner / Client / Contracting Entity

Date	Representative
11/03/2022	Stephen
Name	**Telephone**
Mat-Su Borough School District	907 317 9589
Address 1	**Fax**
501 N Gulkana	
Address 2	**Email**
Mat-Su Borough School District	Stephenj.Murray@matsuk12.us
City	
Palmer	
State	
AK	
Zip	
99645	

Property

Name	Contact	Location of Site
Tanaina Elementary	Stephen	
Address 1	**Telephone**	
2550 Lucille Street	907-317-9589	
Address 2		
City		
Wasilla		
State		

AK
Zip 99654



Inspection Period

Inspection Date 11/03/2022
Frequency Annual

Description of Work / Items Inspected Annual Sprinkler Inspection

Owners Section

Is the building occupied? Yes
Has the occupancy classification and hazard of the contents remained the same since the last inspection? Yes
Are the fire protection systems in service? Yes
Has the system remained in service without modification since the last inspection? Yes
Was the system free of actuations of devices or alarms since the last inspection? Yes

SPRINKLER & PIPING INFORMATION

Proper number and type of spare sprinklers? No
Visible sprinklers free of corrosion? Yes
Visible sprinklers free of obstructions to spray pattern? Yes
Visible sprinklers free of foreign material including paint? No

Visible sprinklers free of physical damage? Yes
Visible pipe in good condition? Yes
Visible pipe free of mechanical damage and not leaking? Yes
Visible pipe has no external corrosion? Yes
Visible pipe properly aligned? Yes
Visible pipe has no external loads? Yes
Visible pipe hangers and seismic braces not damaged or loose? Yes
Adequate heat in areas with wet piping? N/A
Hydraulic nameplate, if provided, securely attached to riser and legible? N/A
Alarm devices free from physical damage? Yes
If sprinklers have been replaced, were they proper replacements? N/A
Gauges on systems in good condition and showing normal air and water pressure? Yes
Are all sprinklers in service dated 1920 or later? Yes
Fast Response sprinklers in service for less than 20 years? If "no" test sample now and every 10 years. Yes
Standard sprinklers less than 50 years old? Yes
If "no" (over 50 years) has sample been tested within 10 years? If "no" test sample now and every 10 years. N/A
Are dry heads less than 10 years old? Yes
If "no" (over 10 years) has sample been tested? If no test sample now. N/A

VALVES

VALVE

Control Valve:	Number of Valves:	Type:	Easily Accessible?	Signs?	Valve on system in correct (open or closed) position?	Valve operated through full range and returned to normal position?
Pump	2	BFV/OS&Y	Yes	Yes	Yes	Yes
System	1	OS&Y	Yes	Yes	Yes	Yes

VALVE (cont'd)

Control Valve:	Secured?	If "yes" (secured), How?	Valve supervision operational?	Operating stem of all OS&Y valves lubricated, completely closed and reopened?
Pump	Yes	Supervised	Yes	Yes
System	Yes	Supervised	Yes	Yes

FIRE DEPARTMENT CONNECTION

Fire department connections visible and accessible?
Yes

Fire department connection couplings and swivels not damaged and rotate smoothly?
N/A

Fire department connection plugs or caps in place and undamaged?
Yes

Fire department connection gaskets in place and in good condition?
Yes

Fire department connections identification sign(s) in place?
Yes

Fire department connections check valve is not leaking?
Yes

Fire department connections automatic drain valve in place and operating properly?
Yes

(Note: If plugs or caps are not in place, inspect the interior for obstructions and verify that the valve clapper is operational over its full range.)

SYSTEM TESTING

DRY PIPE SYSTEM - Main Drain Test

System - Make / Model	Drain Size (inch)	Static Pressure (psi)	Flow (psi)	Residual pressure (psi)	Was flow observed?	Are results comparable to previous year?
4” Reliable Model D	2”	60	48	65	Yes	Yes

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test

System - Make / Model	Record initial air pressure (PSI).	Record initial water pressure (PSI).	Record tripping air Pressure (PSI)	Record trippint time (seconds).	Are results comparable to previous tests?	Dry pipe valves free from physical damage?	Dry pipe valves trim valves in appropriate (open or closed) position?
4” Reliable Model D	40	60	28	65	Yes	Yes	Yes

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test (cont'd)

System - Make / Model	Dry pipe valves have no leakage from intermediate chamber?	Interior of pipe in dry pipe system which passes through freezers free of ice blockage?	Dry pipe priming water level correct?	Dry pipe low air pressure signal passed test?	Quick opening devices passed test?	Low temp alarms in dry pipe, preaction and deluge valve enclosures passed test?	Air leaks in dry pipe system resulting in air pressure loss more than 10%?
4” Reliable Model D	Yes	N/A	Yes	Yes	Yes	N/A	Yes

DRY PIPE SYSTEM - Dry Pipe Valve Partial Flow Trip Test (cont'd)

System - Make / Model	Dry pipe systems being maintained in dry condition?	Interior of dry pipe, preaction and deluge valves cleaned?	Low points drained in dry pipe, preaction and deluge systems prior to the onset of freezing weather?
4” Reliable Model D	Yes	N/A	Yes

DRY PIPE SYSTEM - Annual or Every Fifth Year for Valves Which Can Be Reset Without Opening

System - Make / Model	Interior of fifth year Dry Pipe Valves, Preaction and Deluge Valves, can be reset without opening?		
4” Reliable Model D	N/A		

AIR MAINTENANCE DEVICE

Automatic air maintenance devices on dry pipe and preaction systems passed test?
Yes

BACKFLOW

Backflow devices passed backflow test?
N/A

Backflow devices passed full flow test?
N/A

All sprinkler pressure regulating control valves passed full flow test?
N/A

ANTIFREEZE SYSTEM

5TH YEAR TESTING / INSPECTIONS

Tests to be done every fifth year.

Is system due for 5 Year internal pipe inspection?
No

Extra high, very extra high and ultra high temperature sprinklers tested?
N/A

Gauges checked against calibrated gauge or replaced?
N/A

Alarm valves and their associated strainers, filters and restriction orifices passed internal inspection?
N/A

Check valves internally inspected and all parts operate properly, move freely and are in good condition?
N/A

Strainers, filters, restricted orifices and diaphragm chamber on dry pipe, preaction and deluge valves passed internal inspection?
N/A

Maintenance

Annual Maintenance Items
Operating stem of all OS&Y valves lubricated completely closed and reopened?
Yes
Interior of dry pipe, preaction and deluge valves cleaned?
Yes
Low points drained in dry pipe, preaction and deluge systems prior to the onset of freezing weather?
Yes
Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for bult-type which show no signs of grease buildup?
N/A

COMMENTS

Any "NO" answers, test failures or other problems found with the sprinkler system must be explained here)

** Missing QR pendents in spare sprinkler head cabinet x2.

** Loaded sprinklers throughout classrooms

** Sprinkler deflectors located above or flush with drywall.

** dry system did not trip within allowed time per nfpa 25 standard

Notes and Recommendations

Notes and Recommendations

RECOMMENDATIONS

• add spare qr sprinklers to spare sprinkler head cabinet

• lower obstructed sprinklers by drywall 1/2”-1”.

• clean loaded sprinklers

• investigate inspectors test line for potential obstructions or build up.

• install outside bell sign

NOTES

• concealer escutcheons missing for RASCO G1 sprinklers CR3, CR7 x2, CR8, CR9 x2, CR21, CR17, CR13 x2, CR13 x2.

• Inspectors test located in Classroom 1 above drop ceiling

• Model G Escutcheons missing in library x3, front office x2, staff restroom,

• appears dry sprinklers are dated 2019

Plan of Corrective Action:
Contact Taylor Fire 9073731760

Corrective Action Taken and Date:
N/A

Pictures

Photo 1



Photo 1 Descritpion
Spare sprinkler head cabinet

Photo 4



Photo 4 Description
Tripped system

Photo 7

Photo 2

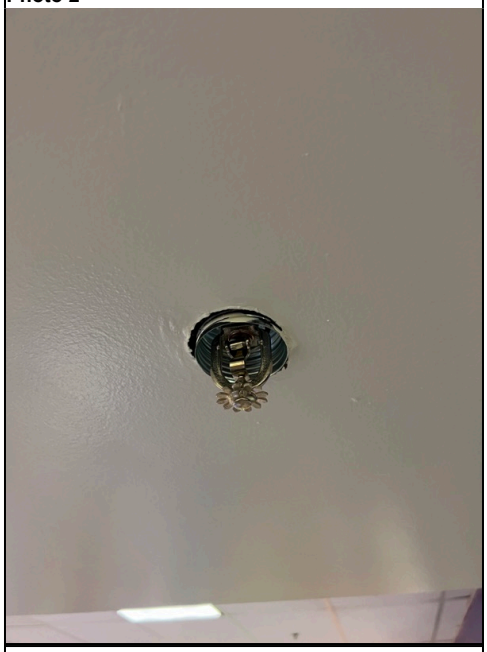


Photo 2 Description
Missing escutcheons

Photo 5



Photo 5 Description

Photo 3



Photo 3 Description
Missing escutcheon and deflector above finish drywall

Photo 6



Photo 7 Description
System tested tagged restored

Photo 22

Photo 22 Description

Photo 25

Photo 25 Description

Photo 28

Photo 28 Description

Dry sprinklers dated 2019

Photo 8



Photo 8 Description
FDC and outside bell with no sign

Photo 23

Photo 23 Description

Photo 26

Photo 26 Description

Photo 29

Photo 29 Description



Photo 6 Description
5 year internal performed in 21

Photo 9



Photo 9 Description
FA panel left in normal state prior to departure

Photo 21

Photo 21 Description

Photo 24

Photo 24 Description

Photo 27

Photo 27 Description

Photo 30
Photo 30 Description

Issues

System restored to normal operation

Date	Time
11/03/2022	12:08

Owner or Representative Signature

Date
11/03/2022

Owner or Representative Signature

Inspector Information

I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operational condition upon completion of the inspection except as noted in Part III above.

All testing was completed in accordance with (standard/edition)
Nfpa 25

Name of Inspector
Nai Saechao

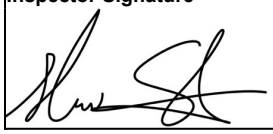
License Number
190087

Date
11/03/2022

Time
12:08

Inspector Signature

Inspector Signature



TAYLOR Fire Protection Services, LLC.
5887 E. Blue Lupine Dr.
Palmer, AK 99645
907-373-1760
www.taylorfire.com

Sprinkler Inspection Report

Status

Status
4

Owner / Client / Contracting Entity

Date 06/29/2021	**Representative**
Name Mat-Su Borough School District	**Telephone**
Address 1 501 N Gulkana	**Fax**
Address 2 Mat-Su Borough School District	**Email**
City Palmer	
State AK	
Zip 99645	

Property

Name Willow Elementary	**Contact**	**Location of Site**
Address 1 31706 W. Parks Hwy	**Telephone**	
Address 2		
City Palmer		
State		

AK
Zip 99645



Inspection Period

Inspection Date 06/29/2021
Frequency Annual

Description of Work / Items Inspected Annual sprinkler system

Owners Section

Is the building occupied? Yes
Has the occupancy classification and hazard of the contents remained the same since the last inspection? Yes
Are the fire protection systems in service? Yes
Has the system remained in service without modification since the last inspection? N/A
Was the system free of actuations of devices or alarms since the last inspection? N/A

SPRINKLER & PIPING INFORMATION

Proper number and type of spare sprinklers? Yes
Visible sprinklers free of corrosion? Yes
Visible sprinklers free of obstructions to spray pattern? Yes
Visible sprinklers free of foreign material including paint? Yes

Visible sprinklers free of physical damage? Yes
Visible pipe in good condition? Yes
Visible pipe free of mechanical damage and not leaking? Yes
Visible pipe has no external corrosion? Yes
Visible pipe properly aligned? Yes
Visible pipe has no external loads? Yes
Visible pipe hangers and seismic braces not damaged or loose? Yes
Adequate heat in areas with wet piping? Yes
Hydraulic nameplate, if provided, securely attached to riser and legible? N/A
Alarm devices free from physical damage? Yes
If sprinklers have been replaced, were they proper replacements? N/A
Gauges on systems in good condition and showing normal air and water pressure? Yes
Are all sprinklers in service dated 1920 or later? Yes
Fast Response sprinklers in service for less than 20 years? If "no" test sample now and every 10 years. Yes
Standard sprinklers less than 50 years old? Yes
If "no" (over 50 years) has sample been tested within 10 years? If "no" test sample now and every 10 years. N/A
Are dry heads less than 10 years old? Yes
If "no" (over 10 years) has sample been tested? If no test sample now. N/A

VALVES

VALVE

Control Valve:	Number of Valves:	Type:	Easily Accessible?	Signs?	Valve on system in correct (open or closed) position?	Valve operated through full range and returned to normal position?
Backflow	2	Ball valve	Yes	Yes	Yes	Yes
System	2	BFV	Yes	Yes	Yes	Yes
Pump	2	BFV	Yes	Yes	Yes	Yes
Tank	1	OS&Y	Yes	Yes	Yes	Yes

VALVE (cont'd)

Control Valve:	Secured?	If "yes" (secured), How?	Valve supervision operational?	Operating stem of all OS&Y valves lubricated, completely closed and reopened?
Backflow	Yes	Sealed	N/A	N/A
System	Yes		Yes	N/A
Pump	Yes	Supervised	Yes	N/A
Tank	Yes	Supervised	Yes	Yes

FIRE DEPARTMENT CONNECTION

Fire department connections visible and accessible?
Yes

Fire department connection couplings and swivels not damaged and rotate smoothly?
Yes

Fire department connection plugs or caps in place and undamaged?
Yes

Fire department connection gaskets in place and in good condition?
Yes

Fire department connections identification sign(s) in place?
Yes

Fire department connections check valve is not leaking?
Yes

Fire department connections automatic drain valve in place and operating properly?
Yes

(Note: If plugs or caps are not in place, inspect the interior for obstructions and verify that the valve clapper is operational over its full range.)

SYSTEM TESTING

WET SYSTEM - Main Drain Test

System - Make / Model	Drain Size (inch)	Static Pressure (PSI)	Flow (PSI).	Residual pressure (PSI).	Was flow observed?	Are results comparable to previous year?
4” Shotgun Riser	2”	70	80	84	Yes	Yes

WET SYSTEM

System - Make / Model	Waterflow alarm devices passed tests?	Inspectors test connection opened? (wet pipe when not in freezing weather)	By-pass connection opened? (wet pipe systems in freezing weather, dry pipe, preaction, or deluge)	Alarms actuated and flow observed?	Valve supervisory switches indicated movement?	Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for built-type which show no signs of grease buildup?	Control valves (except OS&Y and gear operated indicating butterfly valves) opened until spring or torsion is felt in the rod, then closed back one-quarter turn?
4” Shotgun Riser	Yes	Yes	N/A	Yes	Yes	N/A	N/A

AIR MAINTENANCE DEVICE

Automatic air maintenance devices on dry pipe and preaction systems passed test?
N/A

BACKFLOW

Backflow devices passed backflow test?
Yes

Backflow devices passed full flow test?
N/A

All sprinkler pressure regulating control valves passed full flow test?
N/A

ANTIFREEZE SYSTEM

ANTIFREEZE SYSTEM - Main Drain Test

Make / Model	Drain Size (inch)	Static Pressure (psi)	Flow (psi)	Residual Pressure (psi)	Was flow observed?	Are results comparable to previous year?
2” Glycol with pressure tank	1”	70	Unable to flow	70	N/A	N/A

ANTIFREEZE SYSTEM (cont'd)

Make / Model	Type	Location	OK to what temperature?	Specific gravity or antifreeze correct?
2” Glycol with pressure tank	Propylene Glycol	Fire pump pit		N/A

5TH YEAR TESTING / INSPECTIONS

Tests to be done every fifth year.

Is system due for 5 Year internal pipe inspection?
No

Extra high, very extra high and ultra high temperature sprinklers tested?
N/A

Gauges checked against calibrated gauge or replaced?
N/A

Alarm valves and their associated strainers, filters and restriction orifices passed internal inspection?
N/A

Check valves internally inspected and all parts operate properly, move freely and are in good condition?
N/A

Strainers, filters, restricted orifices and diaphragm chamber on dry pipe, preaction and deluge valves passed internal inspection?
N/A

Maintenance

Annual Maintenance Items

Operating stem of all OS&Y valves lubricated completely closed and reopened?

Yes

Interior of dry pipe, preaction and deluge valves cleaned?
N/A

Low points drained in dry pipe, preaction and deluge systems prior to the onset of freezing weather?
N/A

Sprinklers and spray nozzles protecting commercial cooking equipment and ventilating systems replaced except for bult-type which show no signs of grease buildup?
N/A

COMMENTS

Any "NO" answers, test failures or other problems found with the sprinkler system must be explained here)
Inadequate coverage in kiln room
Inadequate coverage in conference room
Trim ring missing on ramp
Trim rings missing near side exit and main entrance

Notes and Recommendations

Notes and Recommendations
Correct deficiencies
Recommend adding alarm bell sign

Plan of Corrective Action:
Contact Taylor Fire Protection 907-373-1760

Corrective Action Taken and Date:

Pictures

Photo 1	Photo 2	Photo 3



Photo 1 Descritpion
Spare head cabinet and wrench



Photo 2 Description
FDC and bell



Photo 3 Description
Missing trim in side entrance

Photo 4



Photo 4 Description
Missing trim on ramp

Photo 5



Photo 5 Description
Inadequate coverage in kiln room

Photo 6



Photo 6 Description
Inadequate coverage in conference room

Photo 7

Photo 8

Photo 21

Photo 21 Description

Photo 24

Photo 24 Description

Photo 27

Photo 27 Description

Photo 30



Photo 7 Description
Wet system restored to service

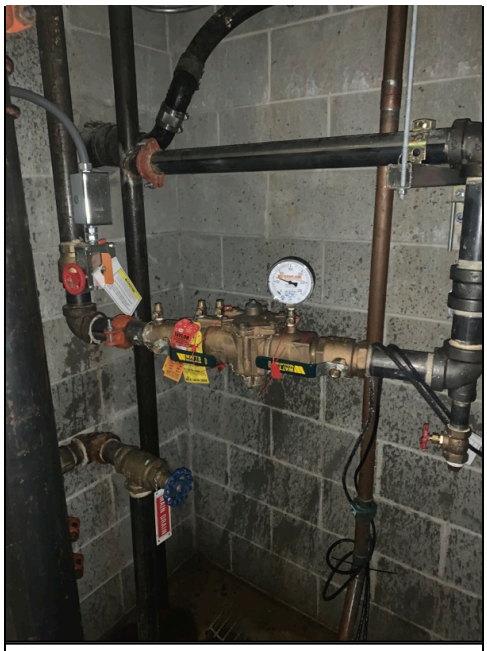


Photo 8 Description
Antifreeze system restored to service

Photo 30 Description

Photo 22

Photo 22 Description

Photo 23

Photo 23 Description

Photo 25

Photo 25 Description

Photo 26

Photo 26 Description

Photo 28

Photo 28 Description

Photo 29

Photo 29 Description

Issues

System restored to normal operation

Date
06/29/2021

Time
11:47

Owner or Representative Signature

Date
06/29/2021

Owner or Representative Signature

Inspector Information

I state that the information on this form is correct at the time and place of my inspection, and that all equipment tested at this time was left in operational condition upon completion of the inspection except as noted in Part III above.
All testing was completed in accordance with (standard/edition) NFPA 25
Name of Inspector Eric Wilson

License Number 190-122
Date 06/29/2021
Time 11:48

Inspector Signature

Inspector Signature

