

ANNUAL FIRE SPRINKLER INSPECTION, TESTING AND MAINTENANCE REPORT

PROPERTY NAME: **ARCHIVES & RECORDS BUILDING**
PHYSICAL ADDRESS: **141 WILLOUGHBY ~ JUNEAU, AK 99801**
OWNER OR PROPERTY MANAGER: **STATE OF ALASKA - ADMIN**
MAILING ADDRESS: **PO BOX 110210 ~ JUNEAU, AK 99811**
CONTACT PERSON: **GARETH JONES**
PHONE NUMBER: **(907)465-5683**
DATE OF INSPECTION: **JUNE 21, 2013**

EMAIL: **gareth.jones@alaska.gov**
DATE OF PREVIOUS INSPECTION: **JUNE 7, 2012**

SCOPE OF INSPECTION

THIS INSPECTION IS BASED ON NFPA 25 *INSPECTION, TESTING, AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS*; NFPA 13 *STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS*; ALASKA STATUTES AND IS APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION. THOSE ITEMS IN NFPA 25 REQUIRING INSPECTION FREQUENCIES DAILY, WEEKLY, MONTHLY, QUARTERLY, OR SEMI-ANNUALLY ARE CONDUCTED ON AN ANNUAL BASIS. THIS INSPECTION IS NOT AN ENGINEERING EVALUATION OF THE FIRE PROTECTION SYSTEM.

BUILDING

- YES ☒ NO ☐ NA ☐ NO BUILDING OR SPRINKLER SYSTEM MODIFICATIONS SINCE THE PREVIOUS INSPECTION?
YES ☒ NO ☐ NA ☐ NO ALARMS OR SYSTEM IMPAIRMENT SINCE THE PREVIOUS INSPECTION?
YES ☒ NO ☐ NA ☐ SPRINKLER SYSTEM IN SERVICE WITH ALL VALVES IN THE CORRECT POSITION?
YES ☒ NO ☐ NA ☐ NO VALVE SEALS BROKEN SINCE THE PREVIOUS INSPECTION?
YES ☐ NO ☐ NA ☒ VALVE INFORMATION SIGNS POSTED AT THE SYSTEM RISER?
YES ☐ NO ☒ NA ☐ ALL AREAS OF THE BUILDING ACCESSIBLE FOR INSPECTION? **NOT ALL AREAS WERE ACCESSIBLE.**

NFPA 25 (2008) 4.1.1 The property owner or occupant shall provide ready accessibility to components of water-based fire protection systems that require inspection, testing, or maintenance.

YES ☒ NO ☒ NA ☐ BUILDING APPEARS TO BE FULLY PROTECTED BY SPRINKLERS? **THE INTERIOR OF THE BUILDING IS FULLY PROTECTED BY SPRINKLERS, BUT THE RECORDS STORAGE AREA HAS THE SPRINKLERS VALVED OFF AND IS PROTECTED BY A HALON SUPPRESSION SYSTEM. THE EXTERIOR OF THE BUILDING BY THE LOADING DOCK HAS NO SPRINKLER PROTECTION.**

NFPA 13 (2007) 4.1 A building, where protected by an automatic sprinkler system installation, shall be provided with sprinklers in all areas except where specific sections of this standard permit the omission of sprinklers.

BACKFLOW PREVENTER

- YES ☒ NO ☐ NA ☐ BACKFLOW DEVICE PASSES THE ANNUAL BACKFLOW PERFORMANCE TEST?

WET SYSTEM

- YES ☒ NO ☐ NA ☐ ADEQUATE HEAT FOR WET PIPE SYSTEMS?
YES ☒ NO ☐ NA ☐ GAUGES INDICATE NORMAL SUPPLY WATER PRESSURE?
YES ☐ NO ☒ NA ☐ GAUGES TESTED OR REPLACED IN THE LAST 5 YEARS? **DUE IN 2013.**

NFPA 25 (2008) 5.3.2 Gauges shall be replaced every 5 years or tested every 5 years by comparison with a calibrated gauge. Gauges not accurate to within 3 percent of the full scale shall be recalibrated or replaced.

- YES ☒ NO ☐ NA ☐ ALARM VALVES AND CHECK VALVES FREE OF PHYSICAL DAMAGE?
YES ☒ NO ☐ NA ☐ ALL VALVES IN THE APPROPRIATE OPEN OR CLOSED POSITION?
YES ☒ NO ☐ NA ☐ THE RETARDING CHAMBER OR ALARM DRAINS NOT LEAKING?
YES ☐ NO ☒ NA ☐ VALVES INSPECTED INTERNALLY IN THE LAST 5 YEARS? **DUE IN 2013.**

NFPA 25 (2008) 13.4.1.2 Alarm valves and their associated strainers, filters, and restriction orifices shall be inspected internally every 5 years unless tests indicate a greater frequency is necessary.

MAIN DRAIN TESTOUTLET SIZE **2"**STATIC PRESSURE **105**RESIDUAL PRESSURE **80**YES ☐ NO ☐ NA ☒ ARE RESULTS SIMILAR TO PREVIOUS TESTS (WITHIN 10% OF THE HISTORICAL RECORD)?**CONTROL VALVES (BACKFLOW SHUT-OFF #1)**YES ☒ NO ☐ NA ☐ OPEN?YES ☒ NO ☐ NA ☐ ACCESSIBLE?YES ☐ NO ☐ NA ☒ LUBRICATED?YES ☒ NO ☐ NA ☐ EXCERSIZED?NUMBER OF TURNS? **16**SIZE **6"**TYPE **BUTTERFLY**SECURED **SUPERVISED****CONTROL VALVES (BACKFLOW SHUT-OFF #2)**YES ☒ NO ☐ NA ☐ OPEN?YES ☒ NO ☐ NA ☐ ACCESSIBLE?YES ☐ NO ☐ NA ☒ LUBRICATED?YES ☒ NO ☐ NA ☐ EXCERSIZED?NUMBER OF TURNS? **16**SIZE **6"**TYPE **BUTTERFLY**SECURED **SUPERVISED****ALARMS**☒ **ALARM PANEL** ~ MAKE **SILENT KNIGHT** MODEL **5808** CODE **NA** ACCOUNT# **770131**~ ALARM-RECEIVING FACILITY: **GUARDIAN SECURITY** OPERATOR: **EMILY**

OR

☐ **WATER MOTOR GONG**

OR

☒ **ELECTRIC BELL/HORN**YES ☒ NO ☐ NA ☐ ALARM DEVICES FREE OF PHYSICAL DAMAGE?YES ☒ NO ☐ NA ☐ WATERFLOW DEVICES TESTED BY OPENING THE INSPECTOR'S TEST VALVE OR BY-PASS VALVE?YES ☒ NO ☐ NA ☐ WATERFLOW DEVICES ACTIVATE?YES ☒ NO ☐ NA ☐ LOCAL ALARMS SOUND WHEN WATERFLOW OCCURS?YES ☒ NO ☐ NA ☐ TAMPER SWITCHES INDICATE MOVEMENT?YES ☒ NO ☐ NA ☐ ALARM-RECEIVING FACILITY RECEIVES SIGNALS PROPERLY?**FIRE DEPARTMENT CONNECTION**YES ☒ NO ☐ NA ☐ VISIBLE AND ACCESSIBLE?YES ☒ NO ☐ NA ☐ COUPLINGS/SWIVELS NOT DAMAGED AND ROTATE SMOOTHLY?YES ☒ NO ☐ NA ☐ PLUGS OR CAPS IN PLACE AND UNDAMAGED?YES ☒ NO ☐ NA ☐ GASKETS IN PLACE AND IN GOOD CONDITION?YES ☒ NO ☐ NA ☐ IDENTIFICATION SIGNS IN PLACE?YES ☒ NO ☐ NA ☐ CHECK VALVE NOT LEAKING?YES ☒ NO ☐ NA ☐ AUTOMATIC DRAIN VALVE IN PLACE AND OPERATING PROPERLY?YES ☒ NO ☐ NA ☐ CLAPPERS IN PLACE AND OPERATING PROPERLY?**CBJ FIRE DEPARTMENT CONNECTION STATUTES**YES ☒ NO ☐ NA ☐ LOCKING PLUGS OR CAPS IN PLACE?YES ☒ NO ☐ NA ☐ APPROVED REFLECTIVE SIGNAGE IN PLACE?

PIPING

- YES ☒ NO ☐ NA ☐ PIPE APPEARS TO BE IN GOOD CONDITION WITH NO EXTERNAL CORROSION?
YES ☒ NO ☐ NA ☐ PIPE APPEARS TO BE FREE FROM LEAKS AND MECHANICAL DAMAGE?
YES ☒ NO ☐ NA ☐ PIPE APPEARS TO BE FREE FROM EXTERNAL LOADS?
YES ☒ NO ☐ NA ☐ PIPE APPEARS TO BE PROPERLY HUNG?
YES ☒ NO ☐ NA ☐ PIPE APPEARS TO BE PROPERLY BRACED?
YES ☐ NO ☒ NA ☐ INTERNAL INSPECTION CONDUCTED IN THE LAST 5 YEARS? **DUE IN 2013.**

NFPA 25 (2008) 14.2.1 An inspection of piping and branch line conditions shall be conducted every 5 years by opening a flushing connection at the end of one main and by removing a sprinkler toward the end of one branch line for the purpose of inspecting for the presence of foreign organic and inorganic material.

SPRINKLERS

- YES ☒ NO ☐ NA ☐ SUPPLY OF SPARE SPRINKLERS AND SPRINKLER WRENCH?
YES ☒ NO ☐ NA ☐ SPRINKLERS IN SERVICE APPEAR TO BE DATED 1920 OR LATER?
YES ☒ NO ☐ NA ☐ STANDARD SPRINKLERS APPEAR TO HAVE BEEN IN SERVICE LESS THAN 50 YEARS?
YES ☐ NO ☐ NA ☒ FAST RESPONSE SPRINKLERS APPEAR TO HAVE BEEN IN SERVICE LESS THAN 20 YEARS?
YES ☐ NO ☐ NA ☒ DRY SPRINKLERS APPEAR TO HAVE BEEN IN SERVICE LESS THAN 10 YEARS?
YES ☐ NO ☐ NA ☒ SPRINKLERS IN HARSH ENVIRONMENTS, CORROSIVE ATMOSPHERES, ETC. APPEAR TO HAVE BEEN IN SERVICE LESS THAN 5 YEARS?
YES ☒ NO ☐ NA ☐ GLASS BULB SPRINKLERS APPEAR TO HAVE NO FLUID MISSING?
YES ☐ NO ☐ NA ☒ IF SPRINKLERS HAVE BEEN REPLACED, DO THEY APPEAR TO BE THE PROPER TYPE?
YES ☐ NO ☐ NA ☒ SPRINKLERS DO NOT APPEAR TO BE SUBJECT TO RECALL?
YES ☒ NO ☐ NA ☐ SPRINKLERS APPEAR TO BE IN GOOD CONDITION AND FREE FROM PHYSICAL DAMAGE?
YES ☒ NO ☐ NA ☐ SPRINKLERS APPEAR TO BE FREE OF CORROSION?
YES ☒ NO ☐ NA ☐ SPRINKLERS APPEAR TO BE FREE OF FOREIGN MATERIALS INCLUDING PAINT?
YES ☒ NO ☐ NA ☐ SPRINKLERS APPEAR TO BE FREE FROM OBSTRUCTIONS TO SPRAY PATTERNS?
YES ☒ NO ☐ NA ☐ SPRINKLERS APPEAR TO BE PROPERLY SPACED?
YES ☒ NO ☐ NA ☐ SPRINKLERS APPEAR TO BE PROPERLY POSITIONED?

~ THE FIRE PROTECTION SYSTEM(S) INSPECTED HAVE BEEN ASSIGNED A STATUS LEVEL 4 PER ALASKA STATE STATUTES **13 AAC 50 (APPENDIX K)**. THIS STATUS LEVEL WAS ASSIGNED FOR THE FOLLOWING REASONS:
NO DEFICIENCIES WERE FOUND.

COMMENTS & RECOMMENDATIONS