

ANNUAL FIRE SPRINKLER INSPECTION, TESTING AND MAINTENANCE REPORT

PROPERTY NAME: **PUBLIC SAFETY BUILDING**

PHYSICAL ADDRESS: **450 WHITTIER ~ 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 25, 2013**

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?

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 in necessary.*

MAIN DRAIN TEST

OUTLET SIZE **2"** STATIC PRESSURE **110** RESIDUAL PRESSURE **90**

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? **12**

SIZE **4"**

TYPE **OS-Y**

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? **12**

SIZE **4"**

TYPE **OS-Y**

SECURED **SUPERVISED**

ALARMS

☒ **ALARM PANEL** ~ MAKE **SILENT KNIGHT** MODEL **5820XL** CODE **NA** ACCOUNT# **770162**

~ ALARM-RECEIVING FACILITY: **GUARDINAN 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?

CDJ 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.

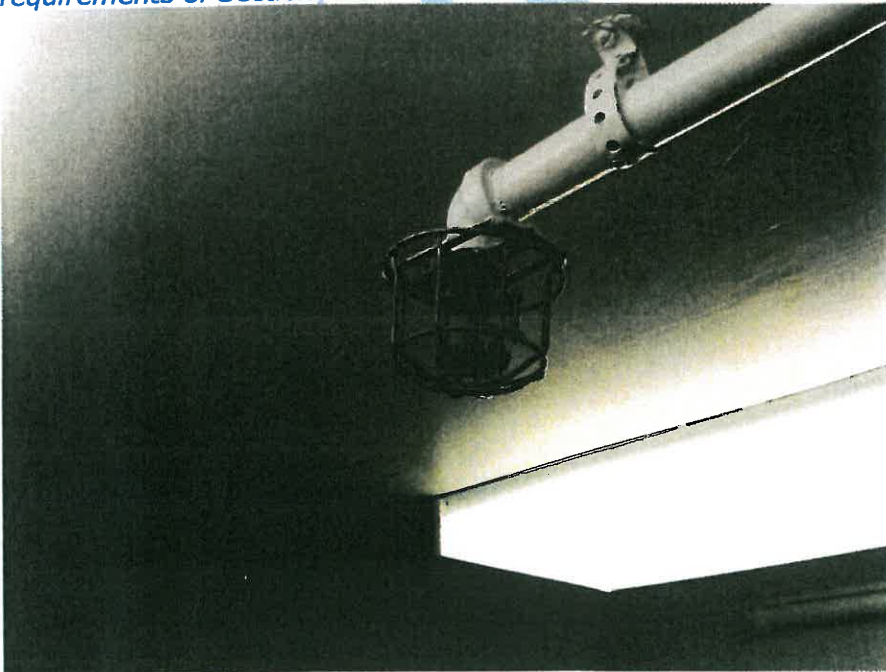
SPRINKLERS

- 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? **ROOM 101 AND 202 SPRINKLERS APPEARS TO BE OVER SPACED.**

NFPA 13 (2007) 8.5.1.1 Sprinklers shall be located, spaced, and positioned in accordance with the requirements of Section 8.5.

- YES ☐ NO ☒ NA ☐ SPRINKLERS APPEAR TO BE PROPERLY POSITIONED? **OFF OF ROOM 101 THERE IS AN UPRIGHT SPRINKLER IN THE PENDANT POSITION.**

NFPA 13 (2007) 8.5.1.1 Sprinklers shall be located, spaced, and positioned in accordance with the requirements of Section 8.5.



~ THE FIRE PROTECTION SYSTEM(S) INSPECTED HAVE BEEN ASSIGNED A STATUS LEVEL 3 PER ALASKA STATE STATUTES 13 AAC 50 (APPENDIX K). MINOR DEFICIENCIES WERE FOUND. REPAIRS ARE TO BE INITIATED WITHIN 30 DAYS. THIS STATUS LEVEL WAS ASSIGNED FOR THE FOLLOWING REASONS:

- ~ SPRINKLER NOT POSITIONED PROPERLY.
- ~ SPRINKLERS NOT PROPERLY SPACED.

COMMENTS & RECOMMENDATIONS

- ~ CORRECT THE ISSUE WITH THE UPRIGHT SPRINKLER HEAD IN THE PENDANT POSITION.
- ~ ADD OR REMOVE SPRINKLER HEADS FOR PROPER SPACING.

SIGNATURES