006621

SimplexGrinnell

5430 Fairbanks St., Ste. #7 Phone (907) 561-1911 Toll Free 1(800) 478-3522
Anchorage, Alaska 99518 Fax (907) 561-4650

Status:

SPRINKLER REPORT OF INSPECTION (PAGE 1 OF 2)

Property Name: Wrangell Public Safety Building
Street: 205 Brueger St
City and State: Wrangell AK Zip
Att:

Inspector: C. Robinson 16-040
Date of Inspection: 10-5-2017
Annual ✓ Quarterly Semi-Annual

1. GENERAL

* Explain (No) Answers on Back of Sheet 2

	YES	N/A	NO*
A. *(To be answered by the Owner or Owner's representative)*			
a. Have there been any changes in the occupancy classification, machinery or operations since the last inspection?			X
b. Have there been any changes or repairs to the fire protection systems since the last inspection?			X
c. If a fire has occurred since the last inspection, have all damaged sprinkler system components been replaced?		X	
d. Has the piping in all dry systems been checked for proper pitch within the past five years?			
(Checking is recommended at least every 5 years) Date last checked:			
e. Has the piping in all systems been checked for obstructive materials?	X		
(Checking is recommended at least every 5 years) Date last checked: 1-19-16			
f. Have all fire pumps been tested to their full capacity through the use of hose streams or flow meters within the past 12 months?		X	
g. Are gravity, suction or pressure tanks protected from freezing?		X	
h. Are any of the sprinklers 50 years old or older? *(testing and/or replacement is recommended for such sprinklers)*		X	
i. Are any extra high temperature solder sprinklers regularly exposed to temperatures near 300°F?		X	
B. *(To be answered by the inspector)*			
a. Have the sprinkler systems been extended to all visible areas of the building?	X		
b. Does there appear to be proper clearance between the top of all storage and the sprinkler deflector?	X		
c. Are the building areas protected by a wet system heated, including its blind attics and perimeter areas, where accessible?	X		
d. Are all visible exterior openings protected against the entrance of cold air?	X		

2. CONTROL VALVES

	YES	N/A	NO*
a. Are all sprinkler system main control valves and all other valves in the appropriate open or closed position?	X		
b. Are all control valves sealed or supervised in the open position?	X		

Control Valves	No. of Valves	Type	Easily Accessible YES	Easily Accessible NO	Signs YES	Signs NO	Valve Open YES	Valve Open NO	Secured? If yes, how? (sealed, locked, supvd.?) YES	Secured? NO	Supervision Operational YES	Supervision Operational NO
CITY CONNECTION	2	6" OS+Y	X		X		X		X		Supvd	X	
TANK													
PUMP													
SECTIONAL SYSTEM	3	4" OS+Y 2 1/2"	X		X		X		X		Supvd.	X	
ALARM LINE	1	4" OS+Y	X		X		X		X		Supvd	X	

3. WATER SUPPLIES

Waterflow test results made during this inspection:

Water supply source:
City
Gravity Tank
Pressure Fire Pump & Tank
Pressure Fire Pump & City
Pressure Fire Pump & Pond

Test Pipe Located	Size Test Pipe	Static Pressure Before	Flow Pressure	Static Pressure After	Test Pipe Located	Size Test Pipe	Static Pressure Before	Flow Pressure	Static Pressure After
Riser	2"	100	90	100					

4. TANKS, PUMPS, FIRE DEPT. CONNECTIONS

* Explain (No) Answers on Back of Sheet 2

	YES	N/A	NO*
a. Do fire pumps, gravity, surface or pressure tanks appear to be in good external condition?		X	
b. Are gravity, surface and pressure tanks at the proper pressure and/or water levels?		X	
c. Are fire dept. connections in satisfactory condition, couplings free, caps or plugs in place and check valves tight?	X		
d. Are fire dept. connections visible and accessible?	X		

5. WET SYSTEMS

	YES	N/A	NO*
a. No. of systems 1 Make & Model 6" Reliable Model "E"			
b. Are cold weather valves in the appropriate open or closed position?		X	
If closed, has piping been drained?		X	
c. Has the owner or owner's representative been advised that cold weather valves are not recommended by NFPA?		X	
d. Have all the antifreeze systems been tested?		X	
e. Date antifreeze systems were tested:		X	
f. The antifreeze tests indicate protection to: system 1 2 3 4 5 temperature		X	
g. Did alarm valves, waterflow alarm indicators and retards test satisfactorily?	X		

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6. DRY SYSTEMS

a. No. of systems 1 Make & Model 4" Reliable Model D
Date last trip tested:

	YES	N/A	NO*
b. Is the air pressure and priming water levels normal?	X		
c. Did the air compressor operate satisfactorily?	X		
d. Were all low points drained during this inspection?	X		
e. Did all quick opening devices operate satisfactorily?		X	
f. Did all the dry valves operate satisfactorily during this inspection?	X		
g. Do dry valves appear to be protected from freezing?	X		
h. Is the dry valve house heated?	X		

7. SPECIAL SYSTEMS

7.2

a. No. of systems None Make & Model
Type
b. Were valves tested as required?
c. Did all heat responsive systems operate satisfactorily?
d. Did the supervisory features operate during testing?

Heat Responsive Devices: Type Type of test

Valve No.	1	2	3	4	5	6	Valve No.	1	2	3	4	5	6
Valve No.	1	2	3	4	5	6	Valve No.	1	2	3	4	5	6
Valve No.	1	2	3	4	5	6	Valve No.	1	2	3	4	5	6
Valve No.	1	2	3	4	5	6	Valve No.	1	2	3	4	5	6

Auxiliary Equipment: No. Type
Location
Test results

1 1 7.2

8. ALARMS

	YES	N/A	NO*
a. Did the water motors and gong operate during testing?	X		
b. Did the electric alarms operate during testing?	X		
c. Did the supervisory alarms operate during testing?	X		

9. SPRINKLERS – PIPING

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a. Do sprinklers generally appear to be in good external condition?	X		
b. Do sprinklers generally appear to be free of corrosion, paint, or loading and visible obstructions?	X		
c. Are extra sprinklers available on the premises?	X		
d. Does the exterior condition of piping, drain valves, check valves, hangers, pressure gauges, open sprinklers and strainers appear to be satisfactory?	X		
e. Does the hand hose on the sprinkler system appear to be in satisfactory condition?		X	

10. Explanation Of "No" Answers (For Sections 1B thru 9):

4.2

11. The Inspector suggests the following necessary improvements: *(However, these suggestions are not the result of an engineering survey.)*
The back flow preventer for the sprinkler just passed by a small margin. A pressure relief on the air line had to be plugged because it would not stop leaking it should be replaced.

12. Adjustments or corrections made:
Two backflows tested one sprinkler and one boiler water both passed.

13. List changes in the occupancy hazard or fire protection equipment, as advised by the owner in section 1a:

14. Inspection and suggested improvements were discussed with the undersigned owner or owner's representative?

15. TEST VERIFICATION: *Signature* Kirk Date 2-15-10