

# Report of Inspection / Test

## Quarterly Sprinkler Inspection



0023-11-22

### Property

Frank A. Berry Elementary School

200 Whittlesey Drive

Bethel CT 06801

Print Date: 2024-01-03

Conducted by: Connor Rieve

FRP.0041524-F1

Rieve Fire Protection

16 Francis J Clarke Circle

Bethel CT 06801

203-790-5060

eric@rievefire.com

## Report of Inspection / Test General Questions

### OWNER SECTION

Has the AHJ, Dispatch and/or the Alarm Company been notified before inspection?	1:57 pm	Has the AHJ, Dispatch and/or the Alarm Company been notified after the inspection?	N/A
Are the control valves in correct open or closed position at end of inspection?	Pass	Are trim valves in correct open or closed position( if applicable) at end of inspection?	Pass

### FIRE DEPARTMENT CONNECTION

Is the FDC easily accessible?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Are the FDC swivels and couplings not damaged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Are the FDC caps and plugs in place and undamaged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Are the FDC gaskets in place?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Is the FDC check valve free of leaks?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Is the FDC identification sign(s) in place?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Has the interior of the FDC been inspected for obstructions?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Is the visible piping supplying the FDC undamaged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Is the clapper in place and properly operating?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Is the automatic drain valve in place and properly operating?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

### VALVE AREA

Are the gauges on system operable and in good working condition?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Are the gauges on system showing normal water supply pressure?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Are all control and trim valves free from damage?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA		

### BACKFLOW PREVENTERS

Is relief port on RPZ device not discharging?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA		
---	---	--	--

### ALARMS

Are alarms and supervisory devices not damaged?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Water motor gong free from physical damage?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
---	---	---	---

# Report of Inspection / Test

## Quarterly Sprinkler Inspection



0023-11-22

**Property**

Frank A. Berry Elementary School

200 Whittlesey Drive

Bethel CT 06801

Print Date: 2024-01-03

Conducted by: Connor Rieve

FRP.0041524-F1

Rieve Fire Protection

16 Francis J Clarke Circle

Bethel CT 06801

203-790-5060

eric@rievefire.com

Water motor gong piping free from leaks?

Yes

No

NA

Is there no leakage in the retarding chamber or drains?

Yes

No

NA

Did the water motor gong activate properly?

Yes

No

NA

### MAINTENANCE

If conditions were found that required flushing, was flushing of the system conducted?

Yes

No

NA

# Report of Inspection / Test

## Quarterly Sprinkler Inspection

0023-11-22

### Property

Frank A. Berry Elementary School

200 Whittlesey Drive

Bethel CT 06801

Print Date: 2024-01-03

Conducted by: Connor Rieve

FRP.0041524-F1

Rieve Fire Protection

16 Francis J Clarke Circle

Bethel CT 06801

203-790-5060

eric@rievefire.com



## Report of Inspection / Test for System - Upper Level Wet System

### Wet System

Is the alarm valve free from physical damage?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Is the trim in correct (open or closed) position?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Is Wet System in service?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA		

## Report of Inspection / Test for System - Lower Level Wet System

### Wet System

Is the alarm valve free from physical damage?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Is the trim in correct (open or closed) position?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Is Wet System in service?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA		

## Report of Inspection / Test for Asset - Electric Fire Pump

### Fire Pump Information

Pump (Horizontal or Vertical):	Vertical
Pump Manufacturer	Patterson
Shop/Serial Number	FP-CO31133-001
Model	5x3 VIP
Rated GPM	509
Rated Pressure	70
Rated 150 Pressure	58
Rated 0 Pressure	85
Rated RPM	3565
Suction	City
If Tank, size and height	N/A
Driver, (electric or diesel engine)	Electric
Engine Manufacturer	U.S. Electric Motors

# Report of Inspection / Test

## Quarterly Sprinkler Inspection



**0023-11-22**  
**Property**  
 Frank A. Berry Elementary School  
 200 Whittlesey Drive  
 Bethel CT 06801  
 Print Date: 2024-01-03

Conducted by: Connor Rieve  
 FRP.0041524-F1

Rieve Fire Protection  
 16 Francis J Clarke Circle  
 Bethel CT 06801  
 203-790-5060  
 eric@rievefire.com

Engine Shop/Serial Number	E0701065452-007R
Engine Model	AD24A
Rated Horsepower	25
Rated Speed	2975
Rated Voltage	230/460
Rated Amps	68/34
Service Factor	1.15
Controller Manufacturer	Tornatech
Controller Shop/Serial Number	201111024/4
Controller Model	FPL-480/30/3/60
Jockey Pump Manufacturer	Baldor
Jockey Pump Model	84.Z0007
Jockey Pump Serial Number	W0105171906
Jockey Controller Manufacturer	Torna Tech
Jockey Controller Model	JP3-480/1.5/3/60
Jockey Controller Serial Number	201101253/10
Transfer Switch Manufacturer	Cummins
Transfer Switch Model	OTPCA-5564291
Transfer Switch Serial Number	F020385347

### OWNER SECTION

Is the fire pump in service?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Is the Jockey Pump in service?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
------------------------------	---	--------------------------------	---

### INSPECTION

Pump house/room proper temperature?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Ventilating louvers free to operate?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Are suction, discharge and bypass valves open?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Is Piping free from leaks?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
Suction and system pressure gauges normal?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Suction reservoir, if provided, full?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA

# Report of Inspection / Test

## Quarterly Sprinkler Inspection



0023-11-22

**Property**

Frank A. Berry Elementary School

200 Whittlesey Drive

Bethel CT 06801

Print Date: 2024-01-03

Conducted by: Connor Rieve

FRP.0041524-F1

Rieve Fire Protection

16 Francis J Clarke Circle

Bethel CT 06801

203-790-5060

eric@rievefire.com

Wet pit suction screens are clean and in place?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Waterflow test valves in closed position?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Controller indicating power on?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Isolation switch closed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Pump in correct phase?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Oil level in motor sight glass in correct range?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA

### TESTING

Electric pump started automatically?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Electric motor driven pump ran for 10 min?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
Packing gland showing slight discharge? (Adjust if necessary)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Packing boxes, bearing and pump casing free from overheating?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
For automatic stop controllers, record time pump runs after starting:	N/A	Are all above times and pressures and results acceptable?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
No alarm indicators or other visible abnormalities observed during no-flow test?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA	Circulation relief valve flowing water?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

### Automatic Transfer Switch

Connection made to alternate source?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA	Transfer switch indicating normal situation?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
--------------------------------------	---	--	---

### MAIN DRAIN FLOW TESTS

System	Initial Static	Residual	Static	Seconds to Return to Initial Static	Are results comparable to previous test?
Upper Level Wet System	135	N/A	N/A	N/A	No
Lower Level Wet System	145	N/A	N/A	N/A	No

### INSPECTORS TEST CONNECTION

System	Location	Description	Time to Alarm (seconds)	Reported?	Smooth Orifice	Easily Accessible	Signs?	Pass?
Upper Level Wet System	Fire sprinkler room	Test and drain		N/A	N/A	N/A	N/A	N/A

# Report of Inspection / Test

## Quarterly Sprinkler Inspection



0023-11-22

**Property**

Frank A. Berry Elementary School

200 Whittlesey Drive

Bethel CT 06801

Print Date: 2024-01-03

Conducted by: Connor Rieve

FRP.0041524-F1

Rieve Fire Protection

16 Francis J Clarke Circle

Bethel CT 06801

203-790-5060

eric@rievefire.com

### INSPECTORS TEST CONNECTION

System	Location	Description	Time to Alarm (seconds)	Reported?	Smooth Orifice	Easily Accessible	Signs?	Pass?
Lower Level Wet System	Gym storage room	Ball valve		N/A	N/A	N/A	N/A	N/A

### VALVES

System	Description	Location	Valve Type	Size	Secured	Open	Easily Accessible	Signs	Exercised	Stems Lubricated	Flow Pass	Tamper Pass
Upper Level Wet System	Upper riser isolation	Fire sprinkler room	Butterfly	4 "	Monitored	Yes	Yes	Yes	N/A	N/A	N/A	N/A
Lower Level Wet System	Lower level isolation	Fire sprinkler room	Butterfly	4 "	Monitored	Yes	Yes	Yes	N/A	N/A	N/A	N/A
	Building isolation	Basement storage room	OS&Y	6 "	Monitored	Yes	Yes	Yes	N/A	N/A	N/A	N/A
	Backflow isolation 1	Fire pump room	OS&Y	4 "	Monitored	Yes	Yes	Yes	N/A	N/A	N/A	N/A
	Backflow isolation 2	Fire pump room	OS&Y	4 "	Monitored	Yes	Yes	Yes	N/A	N/A	N/A	N/A
	Fire pump suction	Fire pump room	OS&Y	4 "	Monitored	Yes	Yes	Yes	N/A	N/A	N/A	N/A
	Fire pump discharge	Fire pump room	Butterfly	4 "	Monitored	Yes	Yes	Yes	N/A	N/A	N/A	N/A
	Pump bypass isolation 1	Fire pump room	Butterfly	4 "	Monitored	Yes	Yes	Yes	N/A	N/A	N/A	N/A
	Pump bypass isolation 2	Fire pump room	Butterfly	4 "	Monitored	Yes	Yes	Yes	N/A	N/A	N/A	N/A
	Jockey pump suction	Fire pump room	OS&Y	1-1/4 "	Monitored	Yes	Yes	Yes	N/A	N/A	N/A	N/A
	Jockey pump discharge	Fire pump room	OS&Y	1-1/4 "	Monitored	Yes	Yes	Yes	N/A	N/A	N/A	N/A
	Pump test header	Fire pump room	Butterfly	4 "	Monitored	Yes	Yes	Yes	N/A	N/A	N/A	N/A

# Report of Inspection / Test

## Quarterly Sprinkler Inspection



0023-11-22

### Property

Frank A. Berry Elementary School

200 Whittlesey Drive

Bethel CT 06801

Print Date: 2024-01-03

Conducted by: Connor Rieve

FRP.0041524-F1

Rieve Fire Protection

16 Francis J Clarke Circle

Bethel CT 06801

203-790-5060

eric@rievefire.com

### Deficiencies - General Questions

None

### Deficiencies - General Wet System Questions

None

### Deficiencies - Upper Level Wet System

#### Deficiency #1

**Sprinkler Type:** Wet

**Are results comparable to previous test:** No

**Status:** Non Critical

Notes: Static pressure indicates that alarm check is not holding back pressure

### Deficiencies - Lower Level Wet System

#### Deficiency #2

**Sprinkler Type:** Wet

**Are results comparable to previous test:** No

Notes:

### Deficiencies - Electric Fire Pump

#### Deficiency #3

**Is Piping free from leaks?:** No

Notes: Jockey pump and main pump sensing lines are corroded

#### Deficiency #4

**Transfer switch indicating normal situation?:** No

**Status:** Critical

Notes: Transfer switch indicates "not in auto"

### Deficiencies - Inspectors Test Connection

None

### Deficiencies - Valves

None