



FIRE EQUIPMENT INCORPORATED

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Phone: 888-296-1381 Fax: 888-296-1384
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INVOICE

INVOICE #:	SIN139089
INVOICE DATE:	06/22/2021
DUE DATE:	07/22/2021

BILLING ADDRESS:

SOMERVILLE DEPARTMENT OF PUBLIC WORKS
1 FRANEY ROAD
SOMERVILLE, MA 02145

SHIPPING ADDRESS:

Dilboy Stadium Field House
110 Alewife Brook Parkway
Somerville, MA 02145

Approver: Mike Bowler

PROBLEM DESCRIPTION

(2) 10 lb. ABC Extinguishers are due for Hydrotest / Recharge
(4) 10 lb. ABC Extinguishers need to be replaced w/ new due to obsolete false bottoms

WORK PERFORMED

Swapped 6-10# ABC fire extinguishers

CUSTOMER REFERENCE	WORK ORDER NUMBER	PURCHASE ORDER	WORK COMPLETED ON
somervilledpw	WO-00202907	20212002	06/22/2021

PRODUCT NAME	DESCRIPTION	QUANTITY	UNIT PRICE	NET VALUE
Labor	Labor	2.00	\$125.00	\$250.00
Material	(2) 10 lb. ABC Extinguishers are due for Hydrotest / Recharge	2.00	\$60.00	\$120.00
Material	(4) 10 lb. ABC Extinguishers need to be replaced w/ new due to obsolete false bottoms	4.00	\$133.00	\$532.00
Extinguisher Inspection	613D - Extinguisher Deficiency	1.00	\$0.00	\$0.00

NET TOTAL:	\$902.00
TAX TOTAL:	\$0.00
INVOICE TOTAL:	\$902.00
OUTSTANDING TOTAL:	\$902.00

REMIT TO: FIRE EQUIPMENT INC • PO BOX 423 • READING, MA 01867-0623



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Work Order Report

Work Order Details:

Scheduled Date:	Jun 21, 2021	Work Order Number:	WO-00202907
Customer Name:	Dilboy Stadium Field House	Contact:	Mike Bowler
Site Address:	110 Alewife Brook Parkway, Somerville, MA 02145	Contact Phone:	(617) 625-6600 X 5210
Access Time:	Regular	Purchase Order:	20212002

Products:

Product Name:	Equipment #:	Equipment Location:
Extinguisher Inspection	FE 00062389	Building

Problem Description:

Purpose of Visit: Deficiency

Job Description:

(2) 10 lb. ABC Extinguishers are due for Hydrotest / Recharge

(4) 10 lb. ABC Extinguishers need to be replaced w/ new due to obsolete false bottoms

Work Performed:

Swapped 6-10# ABC fire extinguishers

Technician Information:

Item	Technician Name	Hours
1	Corey Ayotte	3.5

Closed On: Jun 22, 2021

Signature:

N/A

Date:

Jun 22, 2021



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INVOICE

INVOICE #:	SIN139568
INVOICE DATE:	06/25/2021
DUE DATE:	07/25/2021

BILLING ADDRESS:

SOMERVILLE DEPARTMENT OF PUBLIC WORKS
1 FRANEY ROAD
SOMERVILLE, MA 02145

SHIPPING ADDRESS:

Brown School
201 Willow Ave
Somerville, MA 02144

Approver: Mike Bowler

PROBLEM DESCRIPTION

Water is leaking by the water motor gong,
Needs to be replaced with an 8" 24 volt Electric bell (To be installed off of water flow
switch). The Electric bell will be placed where existing water motor gong is located. All wiring will be done by Aetna.

WORK PERFORMED

Installed new electric bell and tested

CUSTOMER REFERENCE	WORK ORDER NUMBER	PURCHASE ORDER	WORK COMPLETED ON
somervilledpw	WO-00196833	20212002	06/25/2021

PRODUCT NAME	DESCRIPTION	QUANTITY	UNIT PRICE	NET VALUE
Labor	Labor	4.00	\$125.00	\$500.00
Material	(1) 8" 24 volt Electric Bell	1.00	\$79.99	\$79.99
Material	(1) Weatherproof Back Box	1.00	\$38.99	\$38.99
Wet Sprinkler	713D - Sprinkler Deficiency	1.00	\$0.00	\$0.00

NET TOTAL:	\$618.98
TAX TOTAL:	\$0.00
INVOICE TOTAL:	\$618.98
OUTSTANDING TOTAL:	\$618.98

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INVOICE #:	SIN139655
INVOICE DATE:	06/23/2021
DUE DATE:	07/23/2021

BILLING ADDRESS:

SOMERVILLE DEPARTMENT OF PUBLIC WORKS
1 FRANEY ROAD
SOMERVILLE, MA 02145

SHIPPING ADDRESS:

Healey School
5 Meacham Street
Somerville, MA 02145

WORK PERFORMED

Sprinkler inspection

CUSTOMER REFERENCE	WORK ORDER NUMBER	PURCHASE ORDER	WORK COMPLETED ON
somervilledpw	WO-00194927	20212002	06/23/2021

PRODUCT NAME	DESCRIPTION	QUANTITY	UNIT PRICE	NET VALUE
Wet Sprinkler	1 - Annual - 726 - Sprinkler Inspection	1.00	\$300.00	\$300.00

NET TOTAL:	\$300.00
TAX TOTAL:	\$0.00
INVOICE TOTAL:	\$300.00
OUTSTANDING TOTAL:	\$300.00

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Work Order Report

Work Order Details:

Scheduled Date:	Jun 23, 2021	Work Order Number:	WO-00194927
Customer Name:	Healey School	Contact:	Walter Whitney
Site Address:	5 Meacham Street, Somerville, MA 02145	Contact Phone:	(617) 625-6600 X 5210
Access Time:	Regular	Purchase Order:	20212002

Products:

Product Name:	Equipment #:	Equipment Location:
Wet Sprinkler	WB 00066287	Building

Problem Description:

Purpose of Visit: PM Inspection **Job Description:** 1 - Annual - 726 - Sprinkler Inspection

Work Performed:

Sprinkler inspection

Technician Information:

Item	Technician Name	Hours
1	Ray Pratt	4

Closed On: Jun 28, 2021

Signature:

None

Date: Jun 23, 2021



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Sprinkler Inspection Certificate

For

Healey School
5 Meacham Street
Somerville, MA 02145

Tested to NFPA Standards

This inspection was performed in accordance with NFPA 25 Standards. The subsequent pages of this report provide performance measurements, listed ranges of acceptable results, and complete documentation of the inspection. Whenever discrepancies exist between acceptable performance standards and actual test results, notes and/or recommended solutions have been proposed or provided for immediate review and approval.

Inspection Date:
6/23/2021

Inspector Name: Ray Pratt
Title: Service Technician



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Report of Inspection, Testing & Maintenance of Wet Pipe Pre-Action/Deluge/Dry Fire Sprinkler Systems

(Weekly and monthly inspection tasks are NOT included in this report)

Inspecting Firm: Fire Equipment Inc.	Inspection Contract#: Healey School - Child - Annual - 726 - Sprinkler Inspection	
Property Name: Healey School	Street: 5 Meacham Street	City/State/Zip : Somerville, MA 02145
Inspection Frequency: Annual	Inspector Name: Ray Pratt	Date: 6/23/2021
Installed Product: WB 00066287	Product Name: Wet Sprinkler	Equipment Location: Building

Annual Testing for Wet Pipe/Deluge/Dry Sprinkler Systems	
System in service before testing	Yes
Pertinent parties notified before testing	Yes
Adequate drainage provided before flow testing	Yes
Hydraulic nameplate attached and legible with system identification signs	Yes
Alarm device free from physical damage	Yes
FDC is visible, accessible and undamaged with caps and autodrain in place	Yes
FDC automatic drain valve in place and operating properly	Yes
PRV in good condition	Yes
Priming water level tested (pre-action/deluge/dry)	N/A
Low air pressure alarms tested (pre-action/deluge/dry)	N/A
A main drain test conducted downstream from backflow preventer	Yes
Static PSI	120 psi
Residual PSI	75 psi
Time for supply pressure to return to normal	3 sec
Is there a glycol loop?	N/A
What area is protected by loop?	
Glycol Freeze Point (degrees F)	
Supervisory switch initiates distinct signal during first two hand wheel revolutions or before valve stem moved one-fifth from normal position	Yes
Signal restored only when valve returned to normal position	Yes
Water flow alarm tested and is operational	Yes
Test conducted with inspector's test connection	Yes
Piping appears free of mechanical damage	Yes
Sprinklers appear free of paint	Yes
Sprinklers appear free of physical damage	Yes
Clearance appears to be adequate between sprinkler and building contents	Yes



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Spare sprinklers are of proper number (at least 6), type and temperature rating	Yes
Wrench available for each type of sprinkler	Yes
<i>Building – prior to onset of freezing weather – all openings are closed, no water filled pipe is exposed to freezing temps</i>	
Sprinkler valve trip tested at full flow	N/A
Pressure reading at hydraulically most remote nozzle or sprinkler	psi
Pressure reading at the deluge valve	psi
Manual actuation device operated satisfactorily	N/A
Dry pipe valve trip tested with control valve partially open (<i>required at full flow every 3 years</i>)	N/A
Automatic air pressure maintenance devices tested in accordance with mfg. inst.	N/A
System tagged and left in service	Yes
Pertinent parties notified after conclusion of maintenance	Yes
ALARM PANEL CLEAR	N/A
SYSTEM RETURNED TO SERVICE	Yes
COMMENTS:	



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DEVICE SHEET

Devices for Product: WB 00066287					
Device Type	Manufacturer	Model	Address	Location	Test Results
Inspector Test Valve	Standard	1" Globe		Penthouse Mechanical Room	Pass
Control Valve	Kennedy	8" Os&y		Sprinkler room	Pass
Control Valve	Kennedy	6" Os&y		Sprinkler room	Pass
Control Valve	Central	6" butterfly		Sprinkler room	Pass
Control Valve	Central	6" butterfly		Sprinkler room	Pass
Control Valve	Central	6" butterfly		Sprinkler room	Pass
Control Valve	Kennedy	6" Os&y		Sprinkler room	Pass
Control Valve	Kennedy	6" Os&y		Sprinkler room	Pass
Alarm Valve	Globe	6" H3		Sprinkler room	Pass
Drain	Globe	2"		Sprinkler room	Pass
Waterflow Switch	Potter	Vsr-f 6"		Sprinkler room	Pass
Tamper Switch	System sensor	Osy2		Sprinkler room	Pass
Tamper Switch	System sensor	Osy2		Sprinkler room	Pass
Tamper Switch	System sensor	Osy2		Sprinkler room	Pass
Tamper Switch	Central	6" butterfly		Sprinkler room	Pass
Tamper Switch	Central	6" butterfly		Sprinkler room	Pass
Tamper Switch	Central	6" butterfly		Sprinkler room	Pass
Gauge	Central	Water		Sprinkler room	Pass
Gauge	Central	Water		Sprinkler room	Pass



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INVOICE #:	SIN139656
INVOICE DATE:	06/23/2021
DUE DATE:	07/23/2021

BILLING ADDRESS:

SOMERVILLE DEPARTMENT OF PUBLIC WORKS
1 FRANEY ROAD
SOMERVILLE, MA 02145

SHIPPING ADDRESS:

Healey School
5 Meacham Street
Somerville, MA 02145

WORK PERFORMED

Annual fire pump flow test and inspect system back inservice

CUSTOMER REFERENCE	WORK ORDER NUMBER	PURCHASE ORDER	WORK COMPLETED ON
somervilledpw	WO-00194928	20212002	06/23/2021

PRODUCT NAME	DESCRIPTION	QUANTITY	UNIT PRICE	NET VALUE
Fire Pump	1 - Annual - 955 - Fire Pump Inspection	1.00	\$900.00	\$900.00

NET TOTAL:	\$900.00
TAX TOTAL:	\$0.00
INVOICE TOTAL:	\$900.00
OUTSTANDING TOTAL:	\$900.00

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Fire Pump Inspection Certificate

For

Healey School
5 Meacham Street
Somerville, MA 02145

Tested to NFPA Standards

This Inspection was performed in accordance with NFPA 25 Standards. The subsequent pages of this report provide performance measurements, listed ranges of acceptable results, and complete documentation of the inspection. Whenever discrepancies exist between acceptable performance standards and actual test results, notes and/or recommended solutions have been proposed or provided for immediate review and approval.

Inspection Date:
06/23/2021

Inspector Name: Sam Thiphavong
Title: Service Technician



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Report of Inspection, Testing & Maintenance of Fire Pumps Assemblies

Firm: Fire Equipment Inc.	Inspection Contract#: Healey School - Child - Annual - 955 - Fire Pump Inspection	
Property Name: Healey School	Street: 5 Meacham Street	City/State/Zip: Somerville, MA 02145
Inspection Frequency: Annual	Inspector Name: Sam Thiphavong	Date: 06/23/2021
Installed Product: FP 00066288	Product Name: Fire Pump	Equipment Location: Building

Inspection, Testing, and Maintenance for Fire Pump Assemblies		
System in service before conducting maintenance	Yes	Supply water gauge reading before flow (static) 87 psi
Pertinent parties notified before conducting maintenance	Yes	Gauge reading during stable flow (residual) 70 psi
Piping appears free of mechanical damage	Yes	
Piping appears free of leakage	Yes	
Piping appears free of corrosion	Yes	ALARM PANEL CLEAR: Yes
Adequate heat is provided maintaining temperatures at 40°F or higher (prior to freezing weather)	Yes	SYSTEM RETURNED TO SERVICE: Yes
Adequate drainage provided before flow testing	Yes	<u>COMMENTS:</u>



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Pump - Annual Test Data

PUMP Information:	
Shaft Information:	Vertical
Manufacturer:	Fair bank morse
Approved:	Yes
Serial Number:	5"1843F
Model Number:	1843F
Gallons/Minute:	1000
Rated PSI:	55
Pump Rotation:	Clockwise
DRIVER:	
Manufacturer:	US MOTOR
Approved:	Yes
Serial Number:	189-9703332-001R-1
Model Number:	324VP
Driver Type:	Electric
Horse Power:	40
Rated Speed:	1780
Volts:	460
Amps:	45
Amps at 150	485
Phase:	3
Cycles:	460
CONTROLLER:	
Manufacturer:	Joslyn Clark
Approved:	Yes
Serial Number:	C165674
Model Number:	C9C164-4T
On PSI:	85
Off PSI:	0
AC Power:	Phase Reversal
Generator Backup:	Yes
Battery Supervised:	No
Jockey Pump:	Yes
COMMENTS:	



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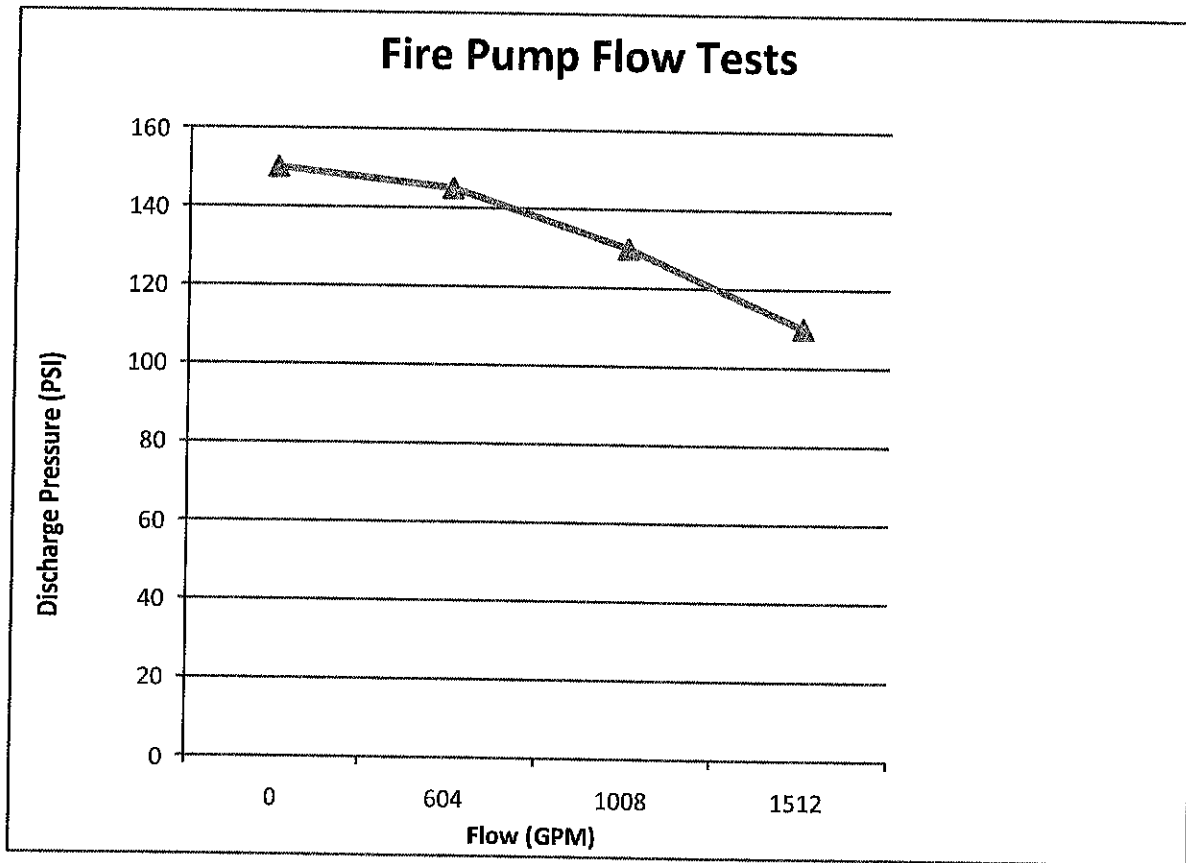
Jockey Pump - Annual Test Data

JOCKEY PUMP Information:	
Shaft Information:	Vertical
Manufacturer:	Grundfos
Serial Number:	CR2
Model Number:	CR2UH
Jockey Pump Rated HP:	1
Gallons/Minute:	20
Rated RPM:	3450
Jockey Pump Volts:	208
Jockey Pump Phase:	3
Jockey Pump Cycles:	60
Jockey Pump AMPS:	3
Jockey Pump Service Factor:	1
Jockey Pump Frame Size:	1
CONTROLLER:	
Jockey Pump Controller Manufacturer:	Torrnatech
Jockey Pump Controller Model:	JP3480/1.5/60
Jockey Pump Controller Serial No:	198110101/2
Jockey Pump Controller Rated HP:	1
Jockey Pump Controller Phase:	3
Jockey Pump Controller Cycles:	60
Jockey Pump Controller Rated Volts:	208
On PSI:	110
Off PSI:	140
COMMENTS:	

Notes:

Remarks on Test:

	Discharge Device	Discharge Pressure (PSI)	Suction Pressure (PSI)	Net PSI	Flow GPM	RPM	Pump Rated Speed	Pump Gallon/Minute	AMPS			VOLTS			CORRECTED	
									A	B	C	A-B	B-C	A-C	Flow%	Press.
Churn	Other	150	85	65	0	1792	1780	1000	12	12	13	486	486	486	0%	64.6
50%	Hose Monster 1-3/4"	145	80	65	604	1789	1780	1000	17	17	18	486	486	486	60%	64.7
100%	Hose Monster 1-3/4"	130	75	55	1008	1786	1780	1000	26	26	26	486	485	485	100%	54.8
150%	Hose Monster 1-3/4"	110	65	45	1512	1781	1780	1000	28	28	28	485	486	485	151%	45.0





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INVOICE

INVOICE #:	SIN137091
INVOICE DATE:	05/27/2021
DUE DATE:	06/26/2021

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BILLING ADDRESS:

SOMERVILLE DEPARTMENT OF PUBLIC WORKS
1 FRANEY ROAD
SOMERVILLE, MA 02145

SHIPPING ADDRESS:

Founders Rink
570 Somerville Ave
Somerville, MA 02145

WORK PERFORMED

Completed annual inspection on dry system
Fully tripped dry system and all alarms reported appropriately to the fire alarm panel
Drained all low points in the sprinkler system draining all the remaining water after tripping the valve.
Restored dry sprinkler system back to normal service

CUSTOMER REFERENCE	WORK ORDER NUMBER	PURCHASE ORDER	WORK COMPLETED ON
somervilledpw	WO-00194926	20212002	05/27/2021

PRODUCT NAME	DESCRIPTION	QUANTITY	UNIT PRICE	NET VALUE
Wet Sprinkler	1 - Annual - 726 - Sprinkler Inspection	1.00	\$300.00	\$300.00

NET TOTAL:	\$300.00
TAX TOTAL:	\$0.00
INVOICE TOTAL:	\$300.00
OUTSTANDING TOTAL:	\$300.00

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Sprinkler Inspection Certificate

For

Founders Rink
570 Somerville Ave
Somerville, MA 02145

Tested to NFPA Standards

This inspection was performed in accordance with NFPA 25 Standards. The subsequent pages of this report provide performance measurements, listed ranges of acceptable results, and complete documentation of the inspection. Whenever discrepancies exist between acceptable performance standards and actual test results, notes and/or recommended solutions have been proposed or provided for immediate review and approval.

Inspection Date:
5/27/2021

Inspector Name: Ben Graham
Title: Service Technician



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Report of Inspection, Testing & Maintenance of Wet Pipe Pre-Action/Deluge/Dry Fire Sprinkler Systems

(Weekly and monthly inspection tasks are NOT included in this report)

Inspecting Firm: Fire Equipment Inc.	Inspection Contract#: Founders Rink - Child - Annual - 726 - Sprinkler Inspection	
Property Name: Founders Rink	Street: 570 Somerville Ave	City/State/Zip : Somerville, MA 02145
Inspection Frequency: Annual	Inspector Name: Ben Graham	Date: 5/27/2021
Installed Product: WB 00066281	Product Name: Wet Sprinkler	Equipment Location: Building

Annual Testing for Wet Pipe/Deluge/Dry Sprinkler Systems	
System in service before testing	Yes
Pertinent parties notified before testing	Yes
Adequate drainage provided before flow testing	Yes
Hydraulic nameplate attached and legible with system identification signs	Yes
Alarm device free from physical damage	Yes
FDC is visible, accessible and undamaged with caps and autodrain in place	Yes
FDC automatic drain valve in place and operating properly	Yes
PRV in good condition	N/A
Priming water level tested (pre-action/deluge/dry)	N/A
Low air pressure alarms tested (pre-action/deluge/dry)	Yes
A main drain test conducted downstream from backflow preventer	Yes
Static PSI	75 psi
Residual PSI	55 psi
Time for supply pressure to return to normal	5 sec
Is there a glycol loop?	N/A
What area is protected by loop?	
Glycol Freeze Point (degrees F)	
Supervisory switch initiates distinct signal during first two hand wheel revolutions or before valve stem moved one-fifth from normal position	Yes
Signal restored only when valve returned to normal position	Yes
Water flow alarm tested and is operational	Yes
Test conducted with inspector's test connection	Yes
Piping appears free of mechanical damage	Yes
Sprinklers appear free of paint	Yes
Sprinklers appear free of physical damage	Yes
Clearance appears to be adequate between sprinkler and building contents	Yes



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Spare sprinklers are of proper number (at least 6), type and temperature rating	Yes
Wrench available for each type of sprinkler	Yes
<i>Building – prior to onset of freezing weather – all openings are closed, no water filled pipe is exposed to freezing temps</i>	
Sprinkler valve trip tested at full flow	Yes
Pressure reading at hydraulically most remote nozzle or sprinkler	psi
Pressure reading at the deluge valve	psi
Manual actuation device operated satisfactorily	Yes
Dry pipe valve trip tested with control valve partially open (<i>required at full flow every 3 years</i>)	Yes
Automatic air pressure maintenance devices tested in accordance with mfg. inst.	Yes
System tagged and left in service	Yes
Pertinent parties notified after conclusion of maintenance	Yes
ALARM PANEL CLEAR	Yes
SYSTEM RETURNED TO SERVICE	Yes
COMMENTS: Performed full trip on dry sprinkler system Found all devices to report to the fire alarm panel appropriately Drained all water out of system including low points	



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DEVICE SHEET

Devices for Product: WB 00066281					
Device Type	Manufacturer	Model	Address	Location	Test Results
Air Compressor	Gast	Soa-p107-na		Maitnence next to Zamboni room	Pass
Back Flow Preventor	Silver bullet	4"		Maitnence next to Zamboni room	Pass
Control Valve	Victaulic	4" butterfly		Maitnence next to Zamboni room	Pass
Control Valve	Victaulic	2" butterfly		Maitnence next to Zamboni room	Pass
Control Valve	Victaulic	2" butterfly		Maitnence next to Zamboni room	Pass
Control Valve	Nibco	Wall pIV		Maitnence next to Zamboni room	Pass
Dry Pipe Valve	Victaulic	NXT 4"		Maitnence next to Zamboni room	Pass
Gauge	Victaulic	Water		Maitnence next to Zamboni room	Pass
Gauge	Victaulic	Water		Maitnence next to Zamboni room	Pass
Gauge	Victaulic	Air		Maitnence next to Zamboni room	Pass
Pressure Switch	Potter	PS 40		Maitnence next to Zamboni room	Pass
Pressure Switch	System sensor	Spa 45-2v		Maitnence next to Zamboni room	Pass
Pressure Switch	System sensor	Eps 10-2		Maitnence next to Zamboni room	Pass



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INVOICE #:	SIN128657
INVOICE DATE:	02/16/2021
DUE DATE:	03/18/2021

Phone: 888-296-1381 Fax: 888-296-1384
www.feinewengland.com, AR@feinewengland.com

BILLING ADDRESS:

SOMERVILLE DEPARTMENT OF PUBLIC WORKS
1 FRANEY ROAD
SOMERVILLE, MA 02145

SHIPPING ADDRESS:

Dilboy Stadium Field House
110 Alewife Brook Parkway
Somerville, MA 02145

Approver: Ben 857-270-8304

PROBLEM DESCRIPTION

Called in by Ben (857-270-8304) for leak on dry system please troubleshoot - Call Ben for access 857-270-8304

WORK PERFORMED

Disabled sprinklers and drained all low points. Replaced sprinkler head. Thawed piping leading to sprinkler filled with ice. Wrote deficiency. Restored system

CUSTOMER REFERENCE	WORK ORDER NUMBER	PURCHASE ORDER	WORK COMPLETED ON
somervilledpw	WO-00193343	Emergency Service 2/16/21	02/16/2021

PRODUCT NAME	DESCRIPTION	QUANTITY	UNIT PRICE	NET VALUE
Dry Sprinkler	713 - Sprinkler Service	1.00	\$0.00	\$0.00
Labor	Labor	2.00	\$125.00	\$250.00

NET TOTAL:	\$250.00
TAX TOTAL:	\$0.00
INVOICE TOTAL:	\$250.00
OUTSTANDING TOTAL:	\$250.00

REMIT TO: FIRE EQUIPMENT INC • PO BOX 423 • READING, MA 01867-0623



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INVOICE

INVOICE #:	SIN129369
INVOICE DATE:	02/26/2021
DUE DATE:	03/28/2021

BILLING ADDRESS:

SOMERVILLE DEPARTMENT OF PUBLIC WORKS
1 FRANNEY ROAD
SOMERVILLE, MA 02145

SHIPPING ADDRESS:

Dilboy Stadium Field House
110 Alewife Brook Parkway
Somerville, MA 02145

Approver: Ben Waldrip 857-270

PROBLEM DESCRIPTION

Called in by Ben for a leak on the dry system at Dilboy Stadium - please troubleshoot (Ben 857-270-8304)

WORK PERFORMED

Isolated system and replaced upright head. While filling noticed auxiliary drain was leaking by. Replaced auxiliary drain with drum drip assembly to properly drain excess water. Restored system and checked for leaks.

CUSTOMER REFERENCE	WORK ORDER NUMBER	PURCHASE ORDER	WORK COMPLETED ON
somervilledpw	WO-00194476	Ben Waldrip 2/25	02/26/2021

PRODUCT NAME	DESCRIPTION	QUANTITY	UNIT PRICE	NET VALUE
Dry Sprinkler	713 - Sprinkler Service	1.00	\$0.00	\$0.00
Labor	Labor	3.00	\$125.00	\$375.00
Material	155* brass qr upright,	1.00	\$29.50	\$29.50
Material	drum drip	1.00	\$135.00	\$135.00

NET TOTAL:	\$539.50
TAX TOTAL:	\$0.00
INVOICE TOTAL:	\$539.50
OUTSTANDING TOTAL:	\$539.50

REMIT TO: FIRE EQUIPMENT INC • PO BOX 423 • READING, MA 01867-0623



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INVOICE #:	SIN137090
INVOICE DATE:	05/27/2021
DUE DATE:	06/26/2021

BILLING ADDRESS:

SOMERVILLE DEPARTMENT OF PUBLIC WORKS
1 FRANEY ROAD
SOMERVILLE, MA 02145

SHIPPING ADDRESS:

City Hall Annex
50 Evergreen Avenue
Somerville, MA 02145

WORK PERFORMED

Completed annual inspection on building wet sprinkler system
All sprinkler devices reported appropriately to the fire alarm panel.

CUSTOMER REFERENCE	WORK ORDER NUMBER	PURCHASE ORDER	WORK COMPLETED ON
somervilledpw	WO-00194923	20212002	05/27/2021

PRODUCT NAME	DESCRIPTION	QUANTITY	UNIT PRICE	NET VALUE
Wet Sprinkler	1 - Annual - 726 - Sprinkler Inspection	1.00	\$300.00	\$300.00

NET TOTAL:	\$300.00
TAX TOTAL:	\$0.00
INVOICE TOTAL:	\$300.00
OUTSTANDING TOTAL:	\$300.00

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Sprinkler Inspection Certificate

For

City Hall Annex
50 Evergreen Avenue
Somerville, MA 02145

Tested to NFPA Standards

This inspection was performed in accordance with NFPA 25 Standards. The subsequent pages of this report provide performance measurements, listed ranges of acceptable results, and complete documentation of the inspection. Whenever discrepancies exist between acceptable performance standards and actual test results, notes and/or recommended solutions have been proposed or provided for immediate review and approval.

Inspection Date:
5/27/2021

Inspector Name: Ben Graham
Title: Service Technician



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Report of Inspection, Testing & Maintenance of Wet Pipe Pre-Action/Deluge/Dry Fire Sprinkler Systems

(Weekly and monthly inspection tasks are NOT included in this report)

Inspecting Firm: Fire Equipment Inc.	Inspection Contract#: City Hall Annex - Child - Annual - 726 - Sprinkler Inspection	
Property Name: City Hall Annex	Street: 50 Evergreen Avenue	City/State/Zip : Somerville, MA 02145
Inspection Frequency: Annual	Inspector Name: Ben Graham	Date: 5/27/2021
Installed Product: <u>WB 00066260</u>	Product Name: Wet Sprinkler	Equipment Location: Building

Annual Testing for Wet Pipe/Deluge/Dry Sprinkler Systems	
System in service before testing	Yes
Pertinent parties notified before testing	Yes
Adequate drainage provided before flow testing	Yes
Hydraulic nameplate attached and legible with system identification signs	Yes
Alarm device free from physical damage	Yes
FDC is visible, accessible and undamaged with caps and autodrain in place	Yes
FDC automatic drain valve in place and operating properly	Yes
PRV in good condition	N/A
Priming water level tested (pre-action/deluge/dry)	N/A
Low air pressure alarms tested (pre-action/deluge/dry)	N/A
A main drain test conducted downstream from backflow preventer	Yes
Static PSI	75 psi
Residual PSI	70 psi
Time for supply pressure to return to normal	30 sec
Is there a glycol loop?	N/A
What area is protected by loop?	
Glycol Freeze Point (degrees F)	
Supervisory switch initiates distinct signal during first two hand wheel revolutions or before valve stem moved one-fifth from normal position	Yes
Signal restored only when valve returned to normal position	Yes
Water flow alarm tested and is operational	Yes
Test conducted with inspector's test connection	Yes
Piping appears free of mechanical damage	Yes
Sprinklers appear free of paint	Yes
Sprinklers appear free of physical damage	Yes
Clearance appears to be adequate between sprinkler and building contents	Yes



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Spare sprinklers are of proper number (at least 6), type and temperature rating	Yes
Wrench available for each type of sprinkler	Yes
<i>Building – prior to onset of freezing weather – all openings are closed, no water filled pipe is exposed to freezing temps</i>	
Sprinkler valve trip tested at full flow	N/A
Pressure reading at hydraulically most remote nozzle or sprinkler	psi
Pressure reading at the deluge valve	psi
Manual actuation device operated satisfactorily	N/A
Dry pipe valve trip tested with control valve partially open (<i>required at full flow every 3 years</i>)	N/A
Automatic air pressure maintenance devices tested in accordance with mfg. inst.	N/A
System tagged and left in service	Yes
Pertinent parties notified after conclusion of maintenance	Yes
ALARM PANEL CLEAR	Yes
SYSTEM RETURNED TO SERVICE	Yes
<u>COMMENTS:</u> All sprinkler devices reported appropriately to the fire alarm panel. No deficiencies found	



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DEVICE SHEET

Devices for Product: WB 00066260					
Device Type	Manufacturer	Model	Address	Location	Test Results
Alarm Valve	Globe	Wet 4"		Basement front of building	Pass
Control Valve	Kennedy	4" OS&Y		City connection	Pass
Tamper_Switch	Potter	OSYSU-2	Zone 4	City connection control valve	Pass
Waterflow	Potter	4" VSR	Zone 4	Main building water flow	Pass



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INVOICE

INVOICE #:	SIN140386
INVOICE DATE:	06/30/2021
DUE DATE:	07/30/2021

Phone: 888-296-1381 Fax: 888-296-1384
www.feinewengland.com, AR@feinewengland.com

BILLING ADDRESS:

SOMERVILLE DEPARTMENT OF PUBLIC WORKS
1 FRANEY ROAD
SOMERVILLE, MA 02145

SHIPPING ADDRESS:

W Somerville NBHD School
177 Powder House BLVD
Somerville, MA 02145

Approver: Walter Whitney

PROBLEM DESCRIPTION

Parts to be replaced during PM Inspection

WORK PERFORMED

drained down the sprinkler system
removed malfunctioning 8 inch grooved elbow and replaced it with new 8" elbow and (2) 8inch vic coupling
1 1/2 inch nipple replaced on jockey pump line.
put system back online and checked for leaks

CUSTOMER REFERENCE	WORK ORDER NUMBER	PURCHASE ORDER	WORK COMPLETED ON
somervilledpw	WO-00207037		06/30/2021

PRODUCT NAME	DESCRIPTION	QUANTITY	UNIT PRICE	NET VALUE
Wet Sprinkler	713D - Sprinkler Deficiency	1.00	\$0.00	\$0.00
Labor	Labor	14.00	\$125.00	\$1,750.00
Material	8" vic couplings and vic elbow	1.00	\$352.00	\$352.00

NET TOTAL:	\$2,102.00
TAX TOTAL:	\$0.00
INVOICE TOTAL:	\$2,102.00
OUTSTANDING TOTAL:	\$2,102.00

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Work Order Report

Work Order Details:

Scheduled Date:	Jun 30, 2021	Work Order Number:	WO-00207037
Customer Name:	W Somerville NBHD School	Contact:	Walter Whitney
Site Address:	177 Powder House BLVD, Somerville, MA 02145	Contact Phone:	(617) 625-6600 X 5210
Access Time:		Purchase Order:	Barbara Salerno

Products:

Product Name:	Equipment #:	Equipment Location:
Wet Sprinkler	WB 00066316	Building

Problem Description:

Purpose of Visit: Deficiency **Job Description:** Parts to be replaced during PM Inspection

Work Performed:

drained down the sprinkler system

removed malfunctioning 8 inch grooved elbow and replaced it with new 8" elbow and (2) 8inch vic coupling

1 1/2 inch nipple replaced on jockey pump line.

put system back online and checked for leaks

Technician Information:

Item	Technician Name	Hours
1	XLabor	14

Closed On: Jul 08, 2021

Signature:

Date:

Jun 30, 2021



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INVOICE #:	SIN140369
INVOICE DATE:	06/30/2021
DUE DATE:	07/30/2021

BILLING ADDRESS:

SOMERVILLE DEPARTMENT OF PUBLIC WORKS
1 FRANEY ROAD
SOMERVILLE, MA 02145

SHIPPING ADDRESS:

W Somerville NBHD School
177 Powder House BLVD
Somerville, MA 02145

WORK PERFORMED

Performed wet sprinkler system test

CUSTOMER REFERENCE	WORK ORDER NUMBER	PURCHASE ORDER	WORK COMPLETED ON
somervilledpw	WO-00194936	20212002	06/30/2021

PRODUCT NAME	DESCRIPTION	QUANTITY	UNIT PRICE	NET VALUE
Wet Sprinkler	1 - Annual - 726 - Sprinkler Inspection	1.00	\$300.00	\$300.00

NET TOTAL:	\$300.00
TAX TOTAL:	\$0.00
INVOICE TOTAL:	\$300.00
OUTSTANDING TOTAL:	\$300.00

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Work Order Report

Work Order Details:

Scheduled Date:	Jun 30, 2021	Work Order Number:	WO-00194936
Customer Name:	W Somerville NBHD School	Contact:	Walter Whitney
Site Address:	177 Powder House BLVD, Somerville, MA 02145	Contact Phone:	(617) 625-6600 X 5210
Access Time:	Regular	Purchase Order:	20212002

Products:

Product Name:	Equipment #:	Equipment Location:
Wet Sprinkler	WB 00066316	Building

Problem Description:

Purpose of Visit: PM Inspection **Job Description:** 1 - Annual - 726 - Sprinkler Inspection

Work Performed:

Performed wet sprinkler system test

Technician Information:

Item	Technician Name	Hours
1	Sam Thiphavong	1
2	Patrick McCabe	1

Closed On: Jul 07, 2021

Signature:

Date: Jun 30, 2021



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INVOICE

INVOICE #:	SIN137949
INVOICE DATE:	06/02/2021
DUE DATE:	07/02/2021

BILLING ADDRESS:

SOMERVILLE DEPARTMENT OF PUBLIC WORKS
1 FRANNEY ROAD
SOMERVILLE, MA 02145

SHIPPING ADDRESS:

Dilboy Stadium Field House
110 Alewife Brook Parkway
Somerville, MA 02145

Approver: Mike Bowler

PROBLEM DESCRIPTION

(5) of (6) Low point drains do not have drum drip assemblies. Recommend adding drum drips to properly maintain system and prevent valves from breaking and tripping system. Will need alarms disabled, and to drain excess water out of system again.

WORK PERFORMED

Installed new drum drips on low points

CUSTOMER REFERENCE	WORK ORDER NUMBER	PURCHASE ORDER	WORK COMPLETED ON
somervilledpw	WO-00196831	20212002	06/02/2021

PRODUCT NAME	DESCRIPTION	QUANTITY	UNIT PRICE	NET VALUE
Labor	Labor	8.00	\$125.00	\$1,000.00
Material	(5) Drum Drip Assemblies	5.00	\$179.99	\$899.95
Material	(3) 1½" x 1" Reducing Couplings	3.00	\$24.99	\$74.97
Material	(2) 1" x ½" Reducing Couplings	2.00	\$16.99	\$33.98
Dry Sprinkler	713D - Sprinkler Deficiency	1.00	\$0.00	\$0.00

NET TOTAL: \$2,008.90

TAX TOTAL: \$0.00

INVOICE TOTAL: \$2,008.90

OUTSTANDING TOTAL: \$2,008.90

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Work Order Report

Work Order Details:

Scheduled Date:	Jun 02, 2021	Work Order Number:	WO-00196831
Customer Name:	Dilboy Stadium Field House	Contact:	Mike Bowler
Site Address:	110 Alewife Brook Parkway, Somerville, MA 02145	Contact Phone:	(617) 625-6600 X 5210
Access Time:	Regular	Purchase Order:	20212002

Products:

Product Name:	Equipment #:	Equipment Location:
Dry Sprinkler	WB 00066304	Building

Problem Description:

(5) of (6) Low point drains do not have drum drip assemblies. Recommend adding drum drips to properly maintain system and

Purpose of Visit: Deficiency

Job Description:

prevent valves from breaking and tripping system. Will need alarms disabled, and to drain excess water out of system again.

Work Performed:

Installed new drum drips on low points

Technician Information:

Item	Technician Name	Hours
1	Ryan Gochis	6
2	Mike Sliney	8

Closed On: Jun 07, 2021

X

Signature:

No signature

Date:

Jun 02, 2021
