Fire Suppression Services, Inc.

3802 South 2300 East
Salt Lake City, Utah 84109-3421
Contractor License No. 92-252208-5501
801.277.6464 • 800.273.6465 • 801.278.2199 - FAX

27142

DATE 5/17/2019

BILLING
Capitol Reef Resort
2600 East Highway 24
Torrey, UT 84775

JOB SITE
Capitol Reef Resort
2600 East Highway 24
Torrey, UT 84775

	Billing	Job Site	SALESMAN :			TANK DATE	CARTRIDGE TYPE	CARTRIDGE DATE
PHONE		435-425-3761	Heath Dangerfield	X	ANNUAL			
FAX		435-425-3300	EE # 61931		SEMI-ANNUAL			
CONTACT		Duane	E-MAIL :		QUARTERLY			
DIRECT #			Duane@Capitalreefresort.com		MONTHLY			

		WET SYSTEM		DRY CHEM SYS		ALARMS		INSTALLATION	Mileage One-Way	TIME
	X	WATER SPRINKLER		EMER LIGHTING		CLEAN AGENT		TIME & MATERIALS	Drive Time One-Way 0 H 00 Min	0:00
		EXTINGUISHERS		STEAM CLEAN		EMERGENCY		REPAIR		

		UNIT PRICE	NON TAX	TAXABLE
	Friday, May 17, 2019	$ -	$ -	$ -
	SCOPE OF WORK - ANNUAL FIRE SPRINKLER INSPECTION	$ -	$ -	$ -
	info@Capitalreefresort.com Jessica@Capitalreefresort.com	$ -	$ -	$ -
1	INSPECTION - FIRE SPRINKLER SYSTEM - (WET ANNUAL)	$ 380.00	$ 380.00	$ -
1	ANTIFREEZE SOLUTION TEST	$ 95.00	$ 95.00	$ -
1	INSPECTION - BACKFLOW VALVE (DOUBLE CHECK DOM DC) 3"	$ 80.00	$ 80.00	$ -
1	INSPECTION - BACKFLOW VALVE (DOUBLE CHECK FIRE DC) 4"	$ 90.00	$ 90.00	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
		$ -	$ -	$ -
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		$ -	$ -	$ -
		$ -	$ -	$ -
1	TRANSPORTATION	$ 125.00	$ -	$ -
	HAZARDOUS MATERIAL DISPOSAL CHARGE			$ -
	8% MISCELLANEOUS MATERIALS, INSURANCE, ETC.		$ 51.60	$ -
	SUBTOTAL		$ 696.60	$ -
	TRANSPORTATION			$ 125.00
	Non-Taxable Total			$ 696.60
	Taxable Sales			$ -
	SALES TAX			$ -
	Freight			$ -
	Handling			$ -

	DUE WHEN	LAST COMPANY	NUMBER ON PROPERTY	CODE
EXTINGUISHER				
EM / EX LIGHTING				
HOOD CLEANING				REFILE
RISER				May-20

I, RECEIPT OF COPY: CUSTOMER ACKNOWLEDGES RECEIPT OF COPY AND THAT HE UNDERSTANDS ALL OF THIS AGREEMENT AND PARTICULARLY PARAGRAPHS 1,2,3,4 AND 5 ON THE REVERSE WHICH SETS FORTH COMPANY'S MAXIMUM LIABILITY. THE SYSTEM'S HAVE BEEN SERVICED IN ACCORDANCE WITH NATIONAL FIRE PROTECTION STANDARDS AND CODES OR CURRENT MFG. SERVICE REQUIREMENTS AND DOES NOT CERTIFY THE DESIGN AND / OR THE INSTALLATION CRITERIA. CLAIMS WILL NOT BE HONORED AFTER TEN (10) DAYS FROM DATE OF SERVICE.

Net 15 Days

○ Cash
○ Check
○ Credit

RECEIVED IN GOOD ORDER AND ACCEPTED

WORK AUTHORIZATION NUMBER # 30815

PURCHASE / WORK ORDER NUMBER

BY X

BUYER SHALL PAY SELLER FOR THIS PURCHASE

TOTAL $ **821.60**

INTEREST WILL BE CHARGED ON OVERDUE ACCOUNTS. 3% PER MONTH MINIMUM BILLING OF $35.00

"THIS INVOICE IS ALSO YOUR STATEMENT"

THANK YOU

F.S.S.

Fire Suppression Services, Inc.
3802 South 2300 East
Salt Lake City, Utah 84109-3421
(801) 277-6464 Fax (801) 278-2199
(800) 273-6465

WORK AUTHORIZATION

JOB NO: 30815

DATE: 5/17/19

SALESMAN: ~~Matt Lightfoot~~

CUST. P.O.: _____

INVOICE: _____

JOB Capitol Reef Resort
2600 Highway 24
Torrey, Ut. 84775

DESCRIPTION OF WORK Annual Inspection

PERSON TO CONTACT AT JOB SITE

T & M ☐ CONTRACT ☐ AMOUNT $

(1) Annual - Wet Fire Sprinkler Inspection
(1) A.F. Solution Test
(2) Annual - Backflow Preventer Inspection

SUBSISTENCE AND MILEAGE _____

SUBCONTRACTS AND MISC. _____

REMARKS: _____

WORK AUTHORIZED BY _____

NAME (PRINTED) Tyler

TITLE head of maint

SUBJECT TO TERMS AND CONDITIONS ON REVERSE SIDE

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Service # #30815
Date 5/17/2019

BACKFLOW ASSEMBLY TEST FORM

Job Site: Capitol Reef Resort, 2600 Highway 24, Torrey, Utah 84775

Make	Ames
Model	Colt 200
Size	4" inch
Serial Number	MK0378

Type Of

Protection		Assembly	
Zone		SVB	
Domestic		PVB	
Individual		DC	X
Containment		RP	
Fire Protection	X	DDC	

Replacement
Existing X
New

Location Of Assembly: Hot Water Heater Room
Assembly Connected To What Equipment: Fire Riser

	CHECK VALVE #1	CHECK VALVE #2	DP RELIEF VALVE	SVB & PVB AIR INLET
INITIAL TEST	PSI Across 4.0	PSI Across 4.2	Opened @ ____ PSI	Opened @ ____ PSI
	Close Tight X	Close Tight X	Close Tight	Close Tight
			Did Not Open	Did Not Open
	Leaked	Leaked	Leaked	Leaked

REPAIRS	Parts Cleaned	Installed	Parts Cleaned	Installed	Parts Cleaned	Installed	Parts Cleaned	Installed
		Disk		Disk		Disk Diaphragm		Air Inlet Disk
		Spring		Spring		Spring		
		Guide		Guide		Guide		Air Inlet Spring
		Seat		Seat		Seat		
		O-Rings		O-Rings		O-Rings		
		All Parts		All Parts		All Parts		All Parts
		OTHER		OTHER		OTHER		OTHER
	Describe:		Describe:		Describe:		Describe:	

FINAL TEST	PSI Across ____	PSI Across ____	Opened @ ____ PSI	Opened @ ____ PSI
	Close Tight	Close Tight	Close Tight	Close Tight
			Did Not Open	Did Not Open
	Leaked	Leaked	Leaked	Leaked

Assembly Passed Date : 5/17/2019 Failed Date : ____

Comments: ____

Initial Test By : Heath Dangerfield
Final Test By : Heath Dangerfield
Repaired By : ____ Date : ____

TEST KIT INFORMATION

Make Of The Test Kit	Mid-West Instrument
Model :	845
Serial Number :	05081169
Calibration Date :	9/19/2018

Facility Representative: Duane Dasse
Back Flow
Inspectors Signature : Heath Dangerfield
Ut. Inspectors Number : #08065
Inspectors Number : 45-01369

I Certify the above has been performed and I am aware of the final performance

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Service # #30815
Date 5/17/2019

BACKFLOW ASSEMBLY TEST FORM

Job Site: Capitol Reef Resort, 2600 Highway 24, Torrey, Utah 84775

Make	Watts
Model	709
Size	3" inch
Serial Number	130425

Type Of Protection: Zone ; Domestic X ; Individual ; Containment ; Fire Protection

Type Of Assembly: SVB ; PVB ; DC X ; RP ; DDC

Replacement ; Existing X ; New

Location Of Assembly: Hot Water Heater Room

Assembly Connected To What Equipment: Domestic Water

	CHECK VALVE #1	CHECK VALVE #2	DP RELIEF VALVE	SVB & PVB AIR INLET
INITIAL TEST	PSI Across 2.8	PSI Across 2.6	Opened @ ____ PSI	Opened @ ____ PSI
	Close Tight X	Close Tight X	Close Tight	Close Tight
			Did Not Open	Did Not Open
	Leaked	Leaked	Leaked	Leaked

REPAIRS	Parts Cleaned	Installed	Parts Cleaned	Installed	Parts Cleaned	Installed	Parts Cleaned	Installed
	Disk		Disk		Disk Diaphragm		Air Inlet Disk	
	Spring		Spring		Spring			
	Guide		Guide		Guide		Air Inlet Spring	
	Seat		Seat		Seat			
	O-Rings		O-Rings		O-Rings			
	All Parts		All Parts		All Parts		All Parts	
	OTHER		OTHER		OTHER		OTHER	
	Describe:		Describe:		Describe:		Describe:	

FINAL TEST	CHECK VALVE #1	CHECK VALVE #2	DP RELIEF VALVE	SVB & PVB AIR INLET
	PSI Across	PSI Across	Opened @ ____ PSI	Opened @ ____ PSI
	Close Tight	Close Tight	Close Tight	Close Tight
			Did Not Open	Did Not Open
	Leaked	Leaked	Leaked	Leaked

Assembly Passed Date : 5/17/2019 Failed Date : ____

Comments: ____

Initial Test By : Heath Dangerfield Final Test By : ____

Repaired By : ____ Date : ____

TEST KIT INFORMATION

Make Of The Test Kit	Mid-West Instrument
Model :	845
Serial Number :	05081169
Calibration Date :	9/19/2018

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Back Flow
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Mail Report To: Capitol Reef Resort
2600 Highway 24
Torrey, Utah 84775

Date: 5/17/2019
Location:
Inspector: Heath Dangerfield
Contact on Job: Duane Dasse

	PASS	N/A	FAIL
1. GENERAL			
a. Is the building occupied?	X		
b. Are all systems in service?	X		
c. Is there a minimum of 18" clearance between the top of storage and the sprinkler defect?	X		
d. In areas protected by wet system, does the building appear to be properly heated in all areas, including blind spaces, attics, and perimeter areas, where accessible?	X		
e. Do all exterior openings appear to be protected against freezing?	X		
f. Does the hand hose on the sprinkler system appear to be satisfactory?		X	
g. Could the owner provide copies of as-built drawings?			X
h. Is hydraulic data placard in place?			X
i. When was systems Last 5 year inspection?	1997 Past Due		

j. Type of system?	WET	X	DRY		DELUGE	
k. Type of inspection?	Annual	X	Semi-Annual		Quarterly	

	PASS	N/A	FAIL
2. CONTROL VALVES (See Item 14)			
a. Are all sprinkler system control valves and all other valves in the appropriate open or closed position?	X		
b. Are all control valves in the open position and locked or sealed or equipped with a tamper switch?	X		
c. Were all control valves exercised?	X		
d. Were all underground valves accessible?	X		
3. WATER SUPPLIES (See Item 15)			
a. Was a water flow test of main drain made at the sprinkler riser?	X		
4. TANKS, PUMPS, FIRE DEPARTMENT CONNECTIONS			
a. Are fire pumps, gravity tanks, reservoirs and pressure tanks in good condition and properly maintained?		X	
b. Are fire dept connections in satisfactory condition, couplings free, caps in place, and check valves tight?	X		
c. Are they accessible and visible?	X		
5. WET SYSTEMS			
a. Are cold weather valves (O.S.&Y.) in the appropriate open or closed position?	X		
b. Have antifreeze system solutions been tested?	X		
c. Were the antifreeze test results satisfactory?	X		

d. Antifreeze Solution FREEZING POINT =

-18 F'	F'	F'	F'

e. Location of antifreeze systems? Upstairs Laundry Room Closet

Remarks: Recommend recharging antifreeze levels.

	PASS	N/A	FAIL
6. DRY SYSTEMS (See Item 10 to 13)			
a. Is the dry valve in service?		X	
b. Are the air pressure and priming water level in accordance with the manufacture's instructions?		X	
c. Has the operation of the air or nitrogen supply been tested?		X	
d. Is the air or nitrogen supply in service?		X	
e. Were low points drained during this inspection?		X	
f. Did quick-opening devices operate satisfactorily?		X	
g. Did the dry valve trip properly during the trip pressure test?		X	
h. Did the heating equipment in the dry-pipe valve room operate at the time of inspection?		X	
I. Has oil been checked in air compressor?		X	
j. Has condensation been drained from air compressor tank?		X	

	PASS	N/A	FAIL
7. **SPECIAL SYSTEMS** - as defined in Section 1-3 (See Item 14)			
a. Did the deluge or pre-action valves operate properly during testing?		X	
b. Did the heat-responsive devices operate properly during testing?		X	
c. Did the supervisory devices operate during testing?		X	
8. **ALARMS**			
a. Did the water motor and gong test satisfactorily?		X	
b. Did electric alarm test satisfactorily?	X		
c. Did supervisory devices operate during testing?	X		

d. Monitoring Co. Emergency 24 Code _____

9. **SPRINKLERS**			
a. Are all sprinklers free from corrosion, loading or obstruction to spray discharge?	X		
b. Are sprinklers less than 50 years old? (Sample testing required after 50 years)	X		
c. Is stock of spare sprinklers available?	X		
d. Is spare head wrench available?	X		
e. Does the exterior condition of sprinkler system appear to be satisfactory?	X		
f. Temperature. Are sprinklers of proper temperature ratings for their locations?	X		
10. Date Dry-Pipe Valve trip tested (control valve partially open)*		X	
11. Date Dry-Pipe Valve trip tested (control valve fully open)*		X	
12. Date quick-opening devices tested*		X	
13. Date Deluge or Pre-action Valve tested*		X	

*See Trip Test Table which follows.

TRIP TEST TABLE

	Dry Valve			Quick opening device					
	Make	Model	Serial #	Make	Model	Serial #			
DRY PIPE OPERATING TEST									
		Time to trip thru test pipe		Water Pressure	Air Pressure	Trip Point Air Pressure	Time water reached test outlet	Alarm operated properly?	
		Minutes	Seconds	PSI	PSI	PSI	Min Sec.	Yes	No
N/A	Without QOD								
	With QOD								
	If no, explain:								

	Operation: Pneumatic Electric Hydraulic								
	Piping supervised? Yes No				Detecting media supervised? Yes No				
	Does valve operate from the manual trip and /or remote control station? Yes No								
DELUGE & PREACTION VALVE	Is there an accessible facility in each circuit station? Yes No				If no, explain:				
	Make	Model	Does each circuit operate supervision loss alarm?			Does each circuit operate valve release?		Maximum time to operate release?	
N/A			Yes	No		Yes	No	Min.	Sec.

14. **SPECIAL SYSTEMS**

Control Valves	Number	Type	Size	Tamper	Open	Signs	Exercised
City connection control valves	1	GATE				X	X
Tank control valves							
Pump control valves							
Sectional control valves	1	BFV	2 1/2"	X	X	X	X
System control valves	2	BFV	4"	X	X	X	X
Other control valves							

15. **EQUIPMENT**

a. Make & model number of sprinkler valve: Ames Colt200 4" inch DC

b. Type of heads: TY3131 200° brass upright, TY3231 155° white pendant

c. Type of canopies: 401 white, Semi-recessed white

16. **MAIN DRAIN TEST AT SPRINKLER RISER**

Water supply source City [X] Tank [ ] Pump [ ] MIN PSI [N/A]

Last Main	Date	Test pipe location	Size Test Pipe	Pressure	Static Pressure	Residual Pressure
Drain Test	5/18/2018	Riser	2" inch	130	95	80
This Main	Date	Test pipe location	Size Test Pipe	Pressure	Static Pressure	Residual Pressure
Drain Test	5/17/2019	Riser	2" inch	130	95	80

a. Did water pressure return to normal with in 90 seconds?..... [X] Pass [ ] Fail

17. **Explain any "NO" answers & comments:** System past due for 5 year inspection. During main drain test flakes of piping were expelled from system piping. Recommend running bacteria test on water so system can be treated properly. No head wrench in spare head box, need to add. Antifreeze levels tested low, recommend recharging.

18. **Adjustments or corrections made during this inspection:**

19. **Although these comments are not the result of an engineering review, the following desirable improvements are recommended:**

Signature: Heath Dangerfield Date: 5/17/2019

Utah State License Number: 61931