Date: 9/15/13 Time: 8:00 A.M. Job Number: LI5246

Technician: DARREN AREHART



a subsidiary of API Group, Inc.

# Annual HYDRANT FLOW TEST

Job Site Information

## **PSU HYDRANTS**

CAMPUS WIDE PORTLAND, OR 97210 KEN NIX 503-710-2077

**Billing Information** 

## PORTLAND STATE UNIVERSITY

P.O. BOX 751 PORTLAND, OR 97204-0751 KEVIN JOHNSON 503-998-6897

#### Western States fire Protection CO.

13896 Fir Street, Suite B Oregon City, OR 97045

Phone Number (503) 657-5155 Fax Number (503) 657-5182

TEMBER S

API Group Inc. is a member of the U.S. Green Building Council

Western States Fire Protection

Albuquerque, NM: Centennial, CO: Fort Collins, CO: Pflugerville, TX: San Antonio, TX: Nampa, ID: Casper, WY:

Lakewood, CA: Colorado Springs, CO: Houston, TX: Phoenix, AZ: Spokane, WA: Missoula, MT: Glenwood Springs, CO: Black Hawk, SD: Grand Prairie, TX: Oregon City, OR: Redmond, WA: Sacramento, CA: Upland, CA: El Paso, TX:

National Fire Suppression

Decatur, IL: Kansas City, KS: Maryland Heights, MO:

Statewide Fire Protection

Las Vegas, NV



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9/15/13 LI5246

## **PSU HYDRANTS**

HYDRANT CALCULATION AT 20 PSI				Hydrant Number #1			1
STATIC	58	Location of Hydrant		PRACTICE FIELD/LIBRARY			
RESIDUAL	46	Manufacturer Of Hydrant		WATEROUS			
PITOT	23	Model of Hydrant		WF1			
Actual GPM	805	Year of hydrant		2009			•
FLOW AT 20 PSI = 1499.		1499.56	GPM	Coeff.	0.9		

HYDRANT CALCULATION AT 20 PSI Hydrant Number #2							
HYDRANT CALCULATION AT 20 PSI			Hydrant Number #2			2	
STATIC	49	Location of H	WEST HEATING PLANT				
RESIDUAL	41	Manufacturer Of Hydrant		CLOW			
PITOT	16	Model of Hydrant		996G			
Actual GPM	671	Year of hydrant		1998			_'
FLOW AT 20 PSI = 134		1345.43	GPM	Coeff.	0.9		

HYDRANT CALCULATION AT 20 PSI				Hydrant Number #3			3
STATIC	58	Location of H	SCIENCE/BLUMEL				
RESIDUAL	50	Manufacturer O	IOWA				
PITOT	24	Model of Hydrant		EDDY			
Actual GPM	822	Year of hydrant		1972			-
FLOW AT 20 PSI =		1906.76	GPM	Coeff.	0.9		

Do all hydrants appear to be free of leaks at the time of inspection:	YES
Do all hydrant nozzles threads lubed and operating nuts appear to be in good condition at the time of inspection:	YES
Do all hydrant barrels appear to be free of cracks and without ice or water present at the time of the inspection:	YES
Do all of the hydrants appear to be free from leaking and physical damage:	YES
Are all hydrants painted properly:	YES
Where all hydrants opened fully and flowed for no less than one minute:	YES
Do all hydrants drain properly (full drainage within 60min):	YES

Problems found during the testing of the fire hydrants or comments from the inspector
ALL HYDRANTS FLOWED FOR TWO MINUTES

CAMPUS WIDE



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8/15/13 LI5246

## **PSU HYDRANTS**

HYDR	HYDRANT CALCULATION AT 20 PSI				Hydrant Number #4		
STATIC	50	Location of Hydrant		HOFFMAN HALL			
RESIDUAL	43	Manufacturer Of Hydrant		AMERICAN DARLING			
PITOT	16	Model of Hy	Model of Hydrant		B-62B-1		
Actual GPM		i con ci ily an anii		2009			-
FLOW AT 20 PSI = 14		<b>1472.75</b> GPM		Coeff.	0.9		

HYDRANT CALCULATION AT 20 PSI			Hydrant	Number	#5	5	
STATIC	50	Location of H	KING ALBERT				
RESIDUAL	45	Manufacturer Of Hydrant		THE COREY			
PITOT	18	Model of Hydrant					
Actual GPM	712	Year of hydrant		N/A			
FLOW AT 20 PSI =		,		Coeff.	0.9		

HYDRANT CALCULATION AT 20 PSI				Hydrant	Number	
STATIC		Location of H				
RESIDUAL		Manufacturer O				
PITOT		Model of Hy				
Actual GPM	0	Year of hydrant				-'
FLOW AT 20 PSI =		#NUM!	GPM	Coeff.	0.9	

Do all hydrants appear to be free of leaks at the time of inspection:	YES
Do all hydrant nozzles threads lubed and operating nuts appear to be in good condition at the time of inspection:	YES
Do all hydrant barrels appear to be free of cracks and without ice or water present at the time of the inspection:	YES
Do all of the hydrants appear to be free from leaking and physical damage:	YES
Are all hydrants painted properly:	YES
Where all hydrants opened fully and flowed for no less than one minute:	YES
Do all hydrants drain properly (full drainage within 60min):	YES

Problems found during the testing of the fire hydrants or comments from the inspector
ALL HYDRANTS FLOWED FOR TWO MINUTES

CAMPUS WIDE



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By signing, you hereby acknowledge having reviewed the inspection document as completed; and verify, if applicable, that the owner/occupant section questions on the inspection form were answered by the direct response of another outside the employment of Western States Fire Protection.

#### TERMS AND CONDITIONS

The Report of Inspection, together with these Terms and Conditions, constitute the entire agreement ("Agreement") of the parties.

- 1 This Agreement is for work performed on this Inspection only. If Customer wants Company to make any additional repairs, alterations or replacements as a result of the work performed, the Company will do so for additional compensation to be agreed upon in writing by the parties.
- 2 The Company does not know and does not represent whether the current fire protection system on the property of Customer ("Property") was originally designed and installed in such a way that the system will perform as originally intended or is suitable and sufficient for its intended purpose given the way in which the Property has been or will be used. In other words, the Property has been or may be used in ways such that the configuration of partition walls, the location of and types of materials (including the presence of hazardous materials) and other conditions of the Property's use are such that the fire protection system is inadequate, insufficient or unsuitable for the Property. THIS AGREEMENT IS NOT A GUARANTEE OR WARRANTY THAT THE SYSTEM WILL IN ALL CASES (A) PROVIDE THE LEVEL OF PROTECTION FOR WHICH IT WAS ORIGINALLY INTENDED, (B) IS FREE OF ALL DEFECTS AND DEFICIENCIES, (C) AND IS IN COMPLIANCE WITH ALL APPLICABLE CODES. Customer agrees that it has not retained Company to make these assessments unless otherwise specifically indicated.
- 3 The Company will be permitted, at all reasonable times, to enter the Property to conduct the work as outlined in this Agreemen
- 4 and liability to the fullest extent permitted by law, for all damages or injury to all persons, whether employees, occupants, visitors, or otherwise, and to all property, arising out of, resulting from, or in any manner relating to or connected with, the execution of the Company's work provided for in this REPORT OF INSPECTION, and all activities related thereto, or occurring or resulting from the use by the Company or its agents or employees of materials, equipment, instrumentalities or other property, irrespective of whether the same be owned by the Customer, the Company or third parties. The Customer, to the fullest extent permitted by law, agrees to indemnify, defend, and save harmless the Company, its agents and employees from all such claims and liabilities including, without limiting the generality of the foregoing, claims and liabilities for which the Company may be or may be claimed to be liable arising out of the Company's negligent work, acts, services, or omissions, or any claimed breach of this Agreement by Company. Customer shall indemnify Company for Company's legal fees, costs, and disbursements paid or incurred to enforce the provisions of this paragraph. Customer further agrees to obtain, maintain and pay for such general liability insurance coverage and endorsements as will insure the provisions of this paragraph and upon request provide Company evidence thereof.

If the above indemnification is unenforceable in the state in which the work is performed, then the following Limited Liability Language applies.

Customer agrees to limit the liability of Company, its officers, directors, employees, parent company, subsidiaries, affiliates, consultants, subcontractors and vendors, to a maximum of \$500.00 or the amount of the contract/price of work to be performed, whichever is less. This limitation of liability shall apply to all judgments, claims, liability, costs, claim expenses, legal fees and all damages or losses of any nature sustained by Customer, contractor or subcontractors or any other party claiming by or through them.

- 5 Customer agrees to obtain and shall be solely responsible to maintain insurance for the Property, and contents therein, and/or operations performed within or around the Property. Customer waives subrogation against, and releases Company form, any loss covered under any such property insurance policies.
- 6 While the Company will make every reasonable effort to prevent the discharge of water into or onto areas of landscaping, decorative pavement, etc., it is the Customer's responsibility to provide sufficient and readily accessible means to accept the full flow of water that may be required by tests as determined by the type of inspection.
- 7 This Agreement may not be assigned by Customer without the written consent of the Company.
- 8 Neither party shall be liable to the other for indirect, incidental, consequential or punitive damages arising out of the work.
- 9 If payment for work provided in this Agreement is not received by the Company within 30 days from Customer's receipt of an invoice for the work, Customer shall pay interest at the rate of 3% per annum on all past due sums, together with all costs of collection, including attorney's fees.
- 10 enforceable against the parties. The law of the state where the work is performed will govern. This Agreement supersedes all prior agreements. This Agreement may be modified only by a written instrument signed by both parties.

		KEN NIX		
Owner Representatives Signature		Owner Representatives Name Printed or Typed		
		DARREN AREHART		
General Contractor Representatives Signature		Gen. Contractor Representatives Name Printed or Typed		

Date: 8/23/13



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# INSPECTION REPAIR PROPOSAL

Proposal Submitted to:	PORTLAND STATE UNIVERSITY	Phone:	503-998-6897	Date: Date of	8/23/13
Street Address: P.O. BOX 751		Fax Number:	Fax Number:		September 15, 2013
City, State, Zip Code	PORTLAND, OR 97204-0751	Site Name:	PSU HYDRANTS	INSPECTOR:	DARREN AREHART
To The Attention of:	KEVIN JOHNSON	Job Location:	CAMPUS WIDE	Job Number:	LI5246

## SCOPE OF WORK INCLUDED IN THIS PROPOSAL

All previous noted comments or suggested improvements can be repaired at a time and material basis. A fixed cost price could be quoted with ample time allowances.

ALL WORK TO BE DONE DURING OUR NORMAL WORKING HOURS MONDAY THROUGH FRIDAY
All WORK TO BE DONE DURING OUR NORMAL WORKING HOURS MONDAY THROUGH FRIDAY

EXCLUSIONS: Work beyond repair of the deficiencies noted above.

# **TERMS**

<u>TIME AND MATERIALS</u> - Western States Fire Protection proposes to complete the work described above for an hourly labor rate of \$95.00 per hr for field labor.

parts delivery, project design if required, and project management if required.

**PAYMENT:** Payment is to be made in monthly as work progresses to the value of 100 percent of all work completed and all materials uses or stored on site. Payments of the amount billed shall be paid within 30 days from receipt of each invoice.

#### LIMITATION OF WESTERN STATES FIRE PROTECTION COMPANY LIABILITY

CLIENT ACKNOWLEDGES THAT WESTERN STATES FIRE PROTECTION COMPANY IS NOT AN INSURER AND THAT THE PAYMENTS MADE TO WESTERN STATES FIRE PROTECTION COMPANY BY CLIENT ON THIS PROJECT ARE BASED UPON THE VALUE OF THE SYSTEM AND/OR SERVICES PROVIDED AND ARE UNRELATED TO THE VALUE OF CLIENT'S PROPERTY OR BUSINESS. IN RECOGNITION OF THE RELATIVE RISKS AND BENEFITS TO THE CLIENT AND TO WESTERN STATES FIRE PROTECTION COMPANY RESULTING FROM THE WORK TO BE PERFORMED BY WESTERN STATES FIRE PROTECTION COMPANY, THE RISKS HAVE BEEN ALLOCATED SUCH THAT THE CLIENT, AS WELL AS THE CLIENT'S ASSIGNS, AGD REPRESENTATIVES, AGREE, TO THE FULLEST EXTENT PERMITTED BY LAW, TO LIMIT THE LIABILITY OF WESTERN STATES FIRE PROTECTION COMPANY, ITS' OFFICERS, DIRECTORS, EMPLOYEES AND WESTERN STATES FIRE PROTECTION COMPANY'S PARENT, SUBSIDIARIES, AFFILIATES, CONSULTANTS, SUBCONTRACTORS, VENDORS, TO A MAXIMUM OF \$10,000 OR THE AMOUNT OF THE CONTRACT/PRICE OF WORK TO BE PERFORMED, WHICHEVER IS LESS, AND CLIENT DOES HEREBY RELEASE WESTERN STATES FIRE PROTECTION COMPANY FROM ANY CLAIMS IN EXCESS OF SAID LIMIT.

THIS LIMITATION OF LIABILITY SHALL APPLY TO ALL JUDGMENTS, CLAIMS, LIABILITY, COSTS, CLAIM EXPENSES, AND ALL OTHER DAMAGES OR LOSSES OF ANY NATURE SUSTAINED BY CLIENT, CONTRACTOR OR SUBCONTRACTORS, OR ANY OTHER PARTY CLAIMING BY OR THROUGH THEM.

THIS LIMITATION OF LIABILITY SHALL BE ENFORCEABLE, 1.) REGARDLESS OF THE AMOUNT OF ANY ACTUAL DAMAGES SUSTAINED, IF ANY, AS A RESULT OF THIS WORK; AND, 2.) EVEN IF THE LOSS OR DAMAGE IN ISSUE IS CAUSED OR ALLEGED TO BE CAUSED BY THE NEGLIGENCE, BREACH OF WARRANTY, DEFECTIVE PRODUCTS, VIOLATIONS OF THE DECEPTIVE TRADE PRACTICES ACT, OR OTHER FAULT OF WESTERN STATES FIRE PROTECTION COMPANY OR WESTERN STATES FIRE PROTECTION COMPANY'S PARENT, SUBSIDIARIES, AFFILIATES, CONSULTANTS, SUBCONTRACTORS, VENDORS, OR THEIR RESPECTIVE EMPLOYEES, AGENTS OR REPRESENTATIVES. SHOULD CLIENT DESIRE A DIFFERENT LIMITATION OF LIABILITY, SUCH IS AVAILABLE AS AN ADDITIONAL SERVICE AT AN ADDITIONAL COST. IF PAYMENT FOR WORK PROVIDED IN THIS AGREEMENT IS NOT PAID WHEN DUE, CLIENT AGREES TO PAY ALL COSTS OF COLLECTION INCLUDING ATTORNEYS FEES AS WELL AS INTEREST COMPUTED AT THE HIGHEST RATE ALLOWABLE BY APPLICABLE STATE LAW.

#### ACCEPTANCE OF CONTRACT/PROPOSAL

THE ABOVE PRICES SPECIFICATIONS AND CONDITIONS ARE SATISFACTORY AND ARE HEREBY ACCEPTED. YOU ARE AUTHORIZED TO DO THE WORK AS SPECIFIED. PAYMENT WILL BE MADE AS OUTLINED ABOVE.

Please contact :	Bryan Kelley	at phone number:	<u>(503) 657-5155</u>	
		<u></u>		
Name			Signature	

Date: 7/19/13 Time: 8:00 A.M. Job Number: LI5246

Technician: DARREN AREHART



# Five Year FIRE SPRINKLER INSPECTION & TEST

Job Site Information

# **PSU MILLER LIBRARY**

1620 S.W. PARK AVE. PORTLAND, OR 97210 KEVIN JOHNSON 503-998-6897

**Billing Information** 

#### PORTLAND STATE UNIVERSITY

121 S.W. MORRISON #200 PORTLAND, OR 97204 KEVIN JOHNSON 503-998-6897

## Western States fire Protection CO.

13896 Fir Street, Suite B Oregon City, OR 97045

**Phone Number** 

(503) 657-5155

**Fax Number** 

(503) 657-5182

API Group Inc. is a member of the U.S. Green Building Council

**Western States Fire Protection** 

Albuquerque, NM: Centennial, CO: Fort Collins, CO: Pflugerville, TX: San Antonio, TX: Nampa, ID: Casper, WY: Lakewood, CA: Colorado Springs, CO: Houston, TX: Phoenix, AZ: Spokane, WA: Missoula, MT: Glenwood Springs, CO: Black Hawk, SD: Grand Prairie, TX: Oregon City, OR: Redmond, WA: Sacramento, CA: Upland, CA: El Paso, TX: **National Fire Suppression** 

Decatur, IL: Kansas City, KS: Maryland Heights, MO:

Statewide Fire Protection

Las Vegas, NV





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#### PSU MILLER LIBRARY GENERAL YES NA NO A. (To be answered by the Owner or the Owner's representative) Was owner available? Owner/Rep. Signature **KEVIN JOHNSON** 1. Have there been any changes in the occupancy classification, machinery or operations since the last inspection? X 2. Have there been any changes or repairs to the fire protection systems since the last inspection? Х 3. If a fire occurred since the last inspection, have all damaged sprinkler system components been replaced? Х 4. Has the piping in all dry systems been checked for proper pitch within the past five years? Date last checked Aug-09 5. Has the piping in all systems been checked for obstructive materials? Date last checked Aug-09 Х 6. 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 7. Are gravity, surface or pressure tanks protected from freezing? Х 8. Are any of the sprinklers 50 years old or older? (Testing and/or replacement is recommended for such sprinklers.) Χ 9. Are any extra high temperature solder sprinklers regularly exposed to temperatures near 300°F? Х B. (To be answered by the inspector) 1. Have the sprinkler systems been extended to all visible areas of the building? Х 2. Does there appear to be proper clearance between the top of all storage and the sprinkler deflector? X 3. In building areas protected by a wet system, does it appear to be heated, including its blind attics and perimeter areas, where accessible? Х 4. Does it appear that visible exterior openings are protected against the entrance of cold air? Χ CONTROL VALVES A. Are sprinkler system main control valves readily visible and in the appropriate open or closed position? Х B. If the valve(s) had seals where they broken in order to operate the valves? Х Was the Owner or the Owner's representative notified that the seal(s) where removed if they could not be replaced? X Supervision Easily Accessible Signs Valve Open No. of Sealed, Supervised or Operational **Control Valves** Type Valves Locked Yes No Yes Yes NO WET SYSTEM 3 BUTTERFLY SUPERVISED Х X X Χ DRY CONTROL BUTTERFLY Χ Х Χ SUPERVISED X WATER SUPPLIES Pressure Fire Pump & Tank Water supply source, City or Private? City Pressure Fire Pump & City N/A Pressure Fire Pump & Pond N/A N/A Other Water flow Test Results Made During This Inspection Static Static Static Static Size Test Flow Flow Test Pipe Located Pressure Psi Test Pipe Located Size Test Pipe Pressure Pressure Pipe Pressure Pressure Before After Before DRY RISER 51 31 40 WET RISER 2 67 45 52 TANKS, PUMPS, FIRE DEPT. CONNECTIONS YES NA NO A. Do fire pumps, gravity, surface or pressure tanks appear to be in good external condition? X B. It appears that gravity, surface and pressure tanks are at the proper pressure and/or water levels? Χ C. It appears that fire department connections are in satisfactory condition, couplings free, caps or plugs in place and check valves tight? Х D. Are fire department connections visible and accessible? Χ



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LI5246

			PSU MI	ILLER I	LIBRAI	RY							
WET SYSTEMS											YES	N/A	NO
A. No. of Systems	1	Make & N	Vlodel			SHO	TGUN RIS	ER W/FL	.owswit	СН			
B. Was the date of the gauge	s) checked, sir	nce gauges are r	equired to b	be tested v	with a cali	brated ga	uge or repla	ced ever	y five year	s?			
If tested with a calil	orated gauge a	nd the gauge wa	s not within	13% over	the full sc	ale they n	nust be reca	alibrated o	or replaced	l	. X		
C. If applicable, have any dry	type heads mo	ore than 10 years	old had a r	representa	ative sam	ple tested						Х	
D. Has the owner or owner's re	epresentative h	peen advised that	t cold weath	her valves	are not n	ecommen	ded by NFF	A?				Х	
E. Have all known and readily	apparent antif	reeze systems be	en tested?	,							$\vdash$	Х	
F. Date antifreeze systems we	ere tested		N/A										
G. The antifreeze tests indicat	e protection to	temperature:	Sys. 1	N/A	Sys. 2	N/A	Sys.3	N/A	Sys. 4	N/A	Sys.5	N/A	Α .
H. Did alarm valves, water flow	w alarm indicat	ors and retards to	est satisfac	torily?							ΪXΙ		
						20-VIII-1810-1911 III-	All 6 Self And by Me			The state of the larger	de la constante de la constant		W. 786
DRY SYSTEMS Qtly.								ziliaziópikos)	,	The second second	All Schools and	fired-to-tamen	- 1 to 60
A. No. of systems 1 Make & Model 4" RELIABLE MODEL D													
Date last trip tested		Sep-11		Pa	rtia	Х	F	ull	N/A		-		
B. Are the air pressure and pri	ming water lev	els normal?		,							ТхТ		
C. Did the air compressor ope	rate satisfactor	rily?		,							X		

H. Did alarm valves, water flow alarm indicators and retards test satisfactorily?	X	ì	
DRY SYSTEMS Qtly.	,		
A. No. of systems 1 Make & Model 4" RELIABLE MODEL D			
Date last trip tested Sep-11 Partia X Full	N/A		
B. Are the air pressure and priming water levels normal?	X	1	
C. Did the air compressor operate satisfactorily?	X	3	
D. Were readily accessible and visible low points drained during this inspection?	X		Г
E. Were dry system trip tests performed? (If yes, see DPV Trip Test Report)	X		
F. Do dry valves appear to be protected from freezing?	X		Г
G. Is the dry valve house heated?	X		Г
SPECIAL SYSTEMS Qtly.			
A. No. of systems Make & Model N/A			
Type N/A			
B. Were all known valves tested as required?		Х	T
C. Did all heat responsive systems operate satisfactorily:		Х	$\vdash$
D. Did the supervisory features operate during testing?		X	✝
Heat Responsive Devices Type Type Type of Test			_
Valve No. 1 N/A 2 N/A 3 N/A 4 N/A 5 N/A 6 N/A Valve No. 7 N/A 8 N/A	9 N/A 10 N/A	11 N/A 11	N
Valve No. 12 N/A 13 N/A 14 N/A 15 N/A 16 N/A 17 N/A Valve No. 18 N/A 19 N/A		22 N/A 23	-
Valve No. 24 N/A 25 N/A 26 N/A 27 N/A 28 N/A 29 N/A Valve No. 30 N/A 31 N/A		34 N/A 35	
Auxiliary Equipment No. N/A Type			
Location			
Testing Results N/A			
ALARMS	YE	S N/A	N
A. Did the water motor(s) and gong(s) operate during testing?		X	The same
B. Did the electric alarm(s) operate during testing?	×		$\vdash$
C. Did the supervisory alarm service test satisfactorily?	×		╁
D. Was the alarm panel free of alarm and trouble signals upon your arrival If no, please explain below	X		╆
E. Was the alarm panel clear of alarm and trouble signals upon your departure If no, please explain below	- X		╆
SPRINKLERS - PIPING			_
A. Do sprinklers generally appear to be in good external condition?	T x		Т
B. Do sprinklers generally appear to be free of corrosion or loading and visible obstructions?	- X		╆
C. Are extra sprinklers available on the premises?			╁
D. Does the exterior condition of the fire sprinkler system appear to be satisfactory?			╀
E. Does hand hose on the sprinkler system appear to be in satisfactory condition?	<del></del>	<del>\</del>	⊢
EXPLANATION OF ANY PREVIOUS ANSWERS ABOVE THAT MAY REPRESENT A PROBLEM, OR COMMEN	TO EDOM THE INCE		
THIS WAS A FIVE YEAR INSPECTION INTERNAL PIPE OBSERVATION AND BACKFLUSH OF THE FDC O	TO FROM THE MOSE	ECTUR.	
THIS WAS ATTAL TEACHING LOTION INTERNAL FIFE OBSERVATION AND BACKFLOSH OF THE FDC C	TECK VALVE		



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LI5246

#### PSU MILLER LIBRARY 1620 S.W. PARK AVE.

THE INSPECTOR SUGGESTS THE FOLLOWING IMPROVEMENTS.	
HOWEVER, THESE SUGGESTIONS ARE NOT THE RESULT OF AN ENGINEERING SURVEY:	
THE DRY HEADS ON THE OUTSIDE CANOPY AT THE MAIN ENTRANCE SHOULD BE CHANGED OUT THEY ARE STARTING TO	
CORRODE ( there are 45 165' chrome semi reccessed model G pendants)	
THERE ARE 45 GLASS BULB HEADS DATED 1967 THESE HEADS SHOULD BE REPLACED TO MATCH THE REST OF THE HEADS	
ON THE ENTIRE FLOOR 1/2 165' CHROME PENDANTS MODEL G THESE HEAD ARE ON THE BASEMENT LEVEL	
ADJUSTMENTS OR CORRECTIONS MADE:	
DID A FIVE YEAR INSPECTION AND TEST WE DID A INTERNAL OBSERVATION BACK FLUSHED THE FDC CHECK VALVE	
CHANGED OUT THE DRY SYSTEM AIR AND WATER PRESSURE GAUGES WITH NEW GAUGES.	
	,
ALL LISTED CHANGES IN THE OCCUPANCY HAZARD OR FIRE PROTECTION EQUIPMENT, AS ADVISED BY THE OWNER IN SECTION:	
Signature of Owner or Owner's Representative	
Printed Name Date: 1/0/00	
Does the owner/owner's representative want a copy of this report sent to another location? (i.e. Insurance, Main Office, etc.)	
DUPLICATE TO:	
STREET: ZIP:	
CITY & STATE:	
ATTN:	



1.15

# PSU MILLER LIBRARY

LI5246

	Obstruction investigation							
A.	escribe the condition that requires an obstruction investigation.							
	/E ARE DOING A FIVE YEAR INSPECTION OF THE SPRINKLER SYSTEM							
	List the 4 locations examined during obstruction investigation? (i.e., System Valve, Riser, Cross Main, Branch Line)  MAIN RISER  2  BASEMENT BRANCH LINE							
1	MAIN RISER 2 BASEMENT BRANCH LINE							
3	BASEMENT CROSS-MAIN 4 DRY SYSTEM MAIN-DRY VALVE							
٠	BACEMENT CROSS WANT							
C.	Briefly describe the conditions found at each location.							
	MAIN RISER HAS A LITTLE BIT OF RUST PIPE LOOKS GOOD							
#2	BASMENT BRANCH LINE PIPE WAS FREE OF ANY DEBRIS OR BUILD UP							
#3	BASEMENT CROSS-MAIN PIPE IS IN GOOD CONDITION NO DEBRIS OR SCALE							
#4	THE DRY SYSTEM MAIN AND DRY VALVE ARE IN GOOD CONDITION NO DEBRIS							
_								
_								
	· · · · · · · · · · · · · · · · · · ·							



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By signing, you hereby acknowledge having reviewed the inspection document as completed; and verify, if applicable, that the owner/occupant section questions on the inspection form were answered by the direct response of another outside the employment of Western States Fire Protection.

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- 2 The Company does not know and does not represent whether the current fire protection system on the property of Customer ("Property") was originally designed and installed in such a way that the system will perform as originally intended or is suitable and sufficient for its intended purpose given the way in which the Property has been or will be used. In other words, the Property has been or may be used in ways such that the configuration of partition walls, the location of and types of materials (including the presence of hazardous materials) and other conditions of the Property's use are such that the fire protection system is inadequate, insufficient or unsuitable for the Property. THIS AGREEMENT IS NOT A GUARANTEE OR WARRANTY THAT THE SYSTEM WILL IN ALL CASES (A) PROVIDE THE LEVEL OF PROTECTION FOR WHICH IT WAS ORIGINALLY INTENDED, (B) IS FREE OF ALL DEFECTS AND DEFICIENCIES, (C) AND IS IN COMPLIANCE WITH ALL APPLICABLE CODES. Customer agrees that it has not retained Company to make these assessments unless otherwise specifically indicated.
- 3 The Company will be permitted, at all reasonable times, to enter the Property to conduct the work as outlined in this Agreemen
- 4 and liability to the fullest extent permitted by law, for all damages or injury to all persons, whether employees, occupants, visitors, or otherwise, and to all property, arising out of, resulting from, or in any manner relating to or connected with, the execution of the Company's work provided for in this REPORT OF INSPECTION, and all activities related thereto, or occurring or resulting from the use by the Company or its agents or employees of materials, equipment, instrumentalities or other property, irrespective of whether the same be owned by the Customer, the Company or third parties. The Customer, to the fullest extent permitted by law, agrees to indemnify, defend, and save harmless the Company, its agents and employees from all such claims and liabilities including, without limiting the generality of the foregoing, claims and liabilities for which the Company may be or may be claimed to be liable arising out of the Company's negligent work, acts, services, or omissions, or any claimed breach of this Agreement by Company. Customer shall indemnify Company for Company's legal fees, costs, and disbursements paid or incurred to enforce the provisions of this paragraph. Customer further agrees to obtain, maintain and pay for such general liability insurance coverage and endorsements as will insure the provisions of this paragraph and upon request provide Company evidence thereof.

If the above indemnification is unenforceable in the state in which the work is performed, then the following Limited Liability Language applies.

Customer agrees to limit the liability of Company, its officers, directors, employees, parent company, subsidiaries, affiliates, consultants, subcontractors and vendors, to a maximum of \$500.00 or the amount of the contract/price of work to be performed, whichever is less. This limitation of liability shall apply to all judgments, claims, liability, costs, claim expenses, legal fees and all damages or losses of any nature sustained by Customer, contractor or subcontractors or any other party claiming by or through them.

- 5 Customer agrees to obtain and shall be solely responsible to maintain insurance for the Property, and contents therein, and/or operations performed within or around the Property. Customer waives subrogation against, and releases Company form, any loss covered under any such property insurance policies.
- 6 While the Company will make every reasonable effort to prevent the discharge of water into or onto areas of landscaping, decorative pavement, etc., it is the Customer's responsibility to provide sufficient and readily accessible means to accept the full flow of water that may be required by tests as determined by the type of inspection.
- 7 This Agreement may not be assigned by Customer without the written consent of the Company.
- 8 Neither party shall be liable to the other for indirect, incidental, consequential or punitive damages arising out of the work.
- 9 If payment for work provided in this Agreement is not received by the Company within 30 days from Customer's receipt of an invoice for the work, Customer shall pay interest at the rate of 3% per annum on all past due sums, together with all costs of collection, including attorney's fees.
- 10 enforceable against the parties. The law of the state where the work is performed will govern. This Agreement supersedes all prior agreements. This Agreement may be modified only by a written instrument signed by both parties.

Δ	KEVIN JOHNSON
Owner Representatives Signature	Owner Representatives Name Printed or Typed
	DARREN AREHART
General Contractor Representatives Signature	Gen. Contractor Representatives Name Printed or Typed
Date	: 8/6/13



a subsidiary of API Group. Inc.

# INSPECTION REPAIR PROPOSAL

PORTLAND STATE UNIVERSITY Proposal Submitted to 503-998-6897 8/6/13 Street Address: 121 S.W. MORRISON #200 Fax Number: Inspection: July 19, 2013 City, State, Zip Code PORTLAND, OR 97204 Site Name: PSU MILLER LIBRARY INSPECTOR: DARREN AREHART KEVIN JOHNSON To The Attention of: Job Location: 1620 S.W. PARK AVE. LI5246

#### SCOPE OF WORK INCLUDED IN THIS PROPOSAL

All previous noted comments or suggested improvements can be repaired at a time and material basis. A fixed cost price could be quoted with ample time allowances.

ALL WORK TO BE DONE DURING OUR NORMAL WORKING HOURS MONDAY THROUGH FRIDAY
All WORK TO BE DONE DURING OUR NORMAL WORKING HOURS MONDAY THROUGH FRIDAY

EXCLUSIONS: Work beyond repair of the deficiencies noted above.

# **TERMS**

TIME AND MATERIALS - Western States Fire Protection proposes to complete the work described above for an hourly labor rate of \$95.00 per hr for field labor.

parts delivery, project design if required, and project management if required.

<u>PAYMENT:</u> Payment is to be made in monthly as work progresses to the value of 100 percent of all work completed and all materials uses or stored on site. Payments of the amount billed shall be paid within 30 days from receipt of each invoice.

#### LIMITATION OF WESTERN STATES FIRE PROTECTION COMPANY LIABILITY

CLIENT ACKNOWLEDGES THAT WESTERN STATES FIRE PROTECTION COMPANY IS NOT AN INSURER AND THAT THE PAYMENTS MADE TO WESTERN STATES FIRE PROTECTION COMPANY BY CLIENT ON THIS PROJECT ARE BASED UPON THE VALUE OF THE SYSTEM AND/OR SERVICES PROVIDED AND ARE UNRELATED TO THE VALUE OF CLIENT'S PROPERTY OR BUSINESS. IN RECOGNITION OF THE RELATIVE RISKS AND BENEFITS TO THE CLIENT AND TO WESTERN STATES FIRE PROTECTION COMPANY RESULTING FROM THE WORK TO BE PERFORMED BY WESTERN STATES FIRE PROTECTION COMPANY, THE RISKS HAVE BEEN ALLOCATED SUCH THAT THE CLIENT, AS WELL AS THE CLIENT'S ASSIGNS, AGENTS, AND REPRESENTATIVES, AGREE, TO THE FULLEST EXTENT PERMITTED BY LAW, TO LIMIT THE LIABILITY OF WESTERN STATES FIRE PROTECTION COMPANY, ITS' OFFICERS, DIRECTORS, EMPLOYEES AND WESTERN STATES FIRE PROTECTION COMPANY'S PARENT, SUBSIDIARIES, AFFILLATES, CONSULTANTS, SUBCONTRACTORS, VENDORS, TO A MAXIMUM OF \$10,000 OR THE AMOUNT OF THE CONTRACT/PRICE OF WORK TO BE PERFORMED, WHICHEVER IS LESS, AND CLIENT DOES HEREBY RELEASE WESTERN STATES FIRE PROTECTION COMPANY FROM ANY CLAIMS IN EXCESS OF SAID LIMIT.

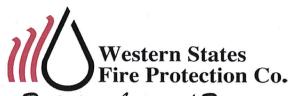
THIS LIMITATION OF LIABILITY SHALL APPLY TO ALL JUDGMENTS, CLAIMS, LIABILITY, COSTS, CLAIM EXPENSES, AND ALL OTHER DAMAGES OR LOSSES OF ANY NATURE SUSTAINED BY CLIENT, CONTRACTOR OR SUBCONTRACTORS, OR ANY OTHER PARTY CLAIMING BY OR THROUGH THEM.

THIS LIMITATION OF LIABILITY SHALL BE ENFORCEABLE, 1.) REGARDLESS OF THE AMOUNT OF ANY ACTUAL DAMAGES SUSTAINED, IF ANY, AS A RESULT OF THIS WORK; AND, 2.) EVEN IF THE LOSS OR DAMAGE IN ISSUE IS CAUSED OR ALLEGED TO BE CAUSED BY THE NEGLIGENCE, BREACH OF WARRANTY, DEFECTIVE PRODUCTS, VIOLATIONS OF THE DECEPTIVE TRADE PRACTICES ACT, OR OTHER FAULT OF WESTERN STATES FIRE PROTECTION COMPANY OR WESTERN STATES FIRE PROTECTION COMPANY'S PARENT, SUBSIDIARIES, AFILIATES, CONSULTANTS, SUBCONTRACTORS, VENDORS, OR THEIR RESPECTIVE EMPLOYEES, AGENTS OR REPRESENTATIVES. SHOULD CLIENT DESIRE A DIFFERENT LIMITATION OF LIABILITY, SUCH IS AVAILABLE AS AN ADDITIONAL SERVICE AT AN ADDITIONAL COST. IF PAYMENT FOR WORK PROVIDED IN THIS AGREEMENT IS NOT PAID WHEN DUE, CLIENT AGREES TO PAY ALL COSTS OF COLLECTION INCLUDING ATTORNEYS FEES AS WELL AS INTEREST COMPUTED AT THE HIGHEST RATE ALLOWABLE BY APPLICABLE STATE LAW.

#### ACCEPTANCE OF CONTRACT/PROPOSAL

THE ABOVE PRICES SPECIFICATIONS AND CONDITIONS ARE SATISFACTORY AND ARE HEREBY ACCEPTED. YOU ARE AUTHORIZED TO DO THE WORK AS SPECIFIED. PAYMENT WILL BE MADE AS OUTLINED ABOVE.

Please contact :	<u>Bryan Kelley</u>	at phone number:	<u>(503) 657-5155</u>	
Name			Signature	



Protecting Lives and Property

7/19/13

a subsidiary of API Group, Inc.

LI5246

# PSU MILLER LIBRARY

Owner		YES N	A NO
A. Has the owner/owner rep. been no	tified that the low point drains need to be maintained all year long?	X	
B. Owner/Owner Rep. Name.	KEVIN JOHNSON		
C. Signature:			
	Valve Information		
A. Valve Serial Numbers	17007B		
B. Manufactures Name	RELIABLE		
C. Manufacturers Date (year)	2003	-	
D. Valve Model	D		
E. Valve Size	4		
F. Location?	RISER ROOM FIRST FLOOR		
G. Area protected by Dry system?	OUT SIDE CANOPY		
Before	e Test	YES N	NO AI
A. Does Air compressor appear to be	free of physical damage and be operating properly at the time of the inspection?	X	
B. Does the exterior of valve appear	to be in good condition and both gauges operable at the time of inspection?	X	
C. Record the pressure (psi) shown of	on the Water Supply pressure gauge.	51	Psi
D. Record the pressure (psi) shown of	on the System side (air) pressure gauge.	36	Psi
E. Is system control valve in OPEN p	osition?	Х	
F. Do the trim valves appear to be in	their appropriate open or closed positions at the time of inspection?	X	
G. Does the exterior of QOD appear	to be in good condition and gauge operable at the time of inspection?		x T
H. Record the pressure (psi) shown of	The second secon	N/A	Psi
Land to the second of the seco	licating the same pressure as the air gauge on the system side of the dry pipe valve?		X X
	rom leakage at the time of inspection?		X
	pear to be free from leakage at the time of the inspection?	X	^-
Main Dr			
A. Record system static pressure (ps		51	Psi
B. Record system residual pressure	A CONTRACTOR OF THE PROPERTY O	31	Psi
C. Record system static pressure (ps		40	Psi
Partial T	rip Test	YES N	
A. Was partial trip test of the dry pipe	valve conducted with control valve partially opened?	Х	
B. Record the pressure (psi) shown of	on the Air Pressure gauge When Supervisory Signals Occurred.	20	Psi
C. Record the pressure that the QOD	operates.	N/A	Psi
D. Record air pressure (psi) at trip of	dry valve.	10	Psi
E. Record the time in seconds betwe		43	Sec.
3rd Year Fu		9/1	19/11
A. Was a full flow trip test of dry valve	e conducted with control valve opened fully?		X
	on the Air Pressure gauge When Supervisory Signals Occurred.	N/A	Psi
C. Record the pressure that the QOD		N/A	Psi
D. Record air pressure (psi) at trip of		N/A	Psi
E. Record time in seconds between t		N/A	Sec.
	of for the water to reach the inspectors test.	N/A	Sec.
TOTAL STATE OF THE SECOND STATE OF THE SECOND STATE OF THE SECOND	80 30 3000 MARION - 1970 A - PACAGO SERVICIO - 1980 A - 1	N/A	
G. Record time in seconds between to 5 Year Intern			Sec.
12/31/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/3/	### ##################################	1070	19/13
A. Was internal inspection of dry pipe		X	
B. Do all components appear to oper		X	
C. Has valve been cleaned and appe	**************************************	X	COLUMN TO THE REAL PROPERTY.
	The second control of	X	
	appear to be at proper setting for system?	X	
в. Have all known drum drip/low poir	nt drain been drained and inspected during the inspection?	X	