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July 25, 2016

Mr. William Bridgeo, Manager
Augusta
16 Cony Street
Augusta, Maine, 04330

RE: Augusta, Kennebec County, Maine
Public Protection Classification: 04/4X
Effective Date: November 01, 2016

Dear Mr. William Bridgeo,

We wish to thank you Mr. Michael Morry and Chief Roger Audette for your cooperation during our recent Public Protection Classification (PPC) survey. ISO has completed its analysis of the structural fire suppression delivery system provided in your community. The resulting classification is indicated above.

If you would like to know more about your community's PPC classification, or if you would like to learn about the potential effect of proposed changes to your fire suppression delivery system, please call us at the phone number listed below.

Please note that as part of our analysis it was determined that the following fire station(s) did not meet the minimum requirements for recognition: **Western Avenue FS, Hospital Street FS fire station.**

ISO's Public Protection Classification Program (PPC) plays an important role in the underwriting process at insurance companies. In fact, most U.S. insurers – including the largest ones – use PPC information as part of their decision-making when deciding what business to write, coverage's to offer or prices to charge for personal or commercial property insurance.

Each insurance company independently determines the premiums it charges its policyholders. The way an insurer uses ISO's information on public fire protection may depend on several things – the company's fire-loss experience, ratemaking methodology, underwriting guidelines, and its marketing strategy.

Through ongoing research and loss experience analysis, we identified additional differentiation in fire loss experience within our PPC program, which resulted in the revised classifications. We based the differing fire loss experience on the fire suppression capabilities of each community. The new classifications will improve the predictive value for insurers while benefiting both commercial and residential property owners. We've published the new classifications as "X" and "Y" – formerly the "9" and "8B" portion of the split classification, respectively. For example:

- A community currently graded as a split 6/9 classification will now be a split 6/6X classification; with the "6X" denoting what was formerly classified as "9."
- Similarly, a community currently graded as a split 6/8B classification will now be a split 6/6Y classification, the "6Y" denoting what was formerly classified as "8B."
- Communities graded with single "9" or "8B" classifications will remain intact.
- Properties over 5 road miles from a recognized fire station would receive a class 10.

PPC is important to communities and fire departments as well. Communities whose PPC improves may get lower insurance prices. PPC also provides fire departments with a valuable benchmark, and is used by many departments as a valuable tool when planning, budgeting and justifying fire protection improvements.

ISO appreciates the high level of cooperation extended by local officials during the entire PPC survey process. The community protection baseline information gathered by ISO is an essential foundation upon which determination of the relative level of fire protection is made using the Fire Suppression Rating Schedule.

The classification is a direct result of the information gathered, and is dependent on the resource levels devoted to fire protection in existence at the time of survey. Material changes in those resources that occur after the survey is completed may affect the classification. Although ISO maintains a pro-active process to keep baseline information as current as possible, in the event of changes please call us at 1-800-444-4554, option 2 to expedite the update activity.

ISO is the leading supplier of data and analytics for the property/casualty insurance industry. Most insurers use PPC classifications for underwriting and calculating premiums for residential, commercial and industrial properties. The PPC program is not intended to analyze all aspects of a comprehensive structural fire suppression delivery system program. It is not for purposes of determining compliance with any state or local law, nor is it for making loss prevention or life safety recommendations.

If you have any questions about your classification, please let us know.

Sincerely,

Dominic Santanna

Dominic Santanna
Manager -National Processing Center

cc: Mr. Michael Morry, Water Supervisor, Greater Augusta Utilities District
Chief Roger Audette, Chief, Augusta Fire Department
Lieutenant Chris Read, Director, Augusta Police Department
Ms. Davene Luce, Director, Maine Department of Public Safety Central Maine Regional
Communications Center

INSURANCE SERVICES OFFICE, INC.
HYDRANT FLOW DATA SUMMARY

City Augusta
 County Maine(Kennebec) State MAINE (18) Witnessed by: Insurance Services Office Date: May 10, 2016

TEST NO.	TYPE DIST.*	TEST LOCATION	SERVICE	FLOW - GPM $Q=(29.83(C(d^2)p^{0.5}))$			PRESSURE PSI		FLOW -AT 20 PSI		REMARKS***	MODEL TYPE	
				INDIVIDUAL HYDRANTS	TOTAL		STATIC	RESID.	NEEDED**	AVAIL.			
10B.1		Hyd @ Eastern Ave & Pleasant Hill Rd	Greater Augusta Utilities District, Eastern Ave.	1300	0	0	1300	72	70	2000	7600		
11C.1		Hyd @ Eastern Ave & Spring Rd	Greater Augusta Utilities District, Eastern Ave.	1320	0	0	1320	92	70	750	2500		
12B.1		Hyd @ Bridge St & Water St	Greater Augusta Utilities District, Augusta Main	1340	0	0	1340	126	122	3500	7900		
13A.1		Hyd @ Bridge St & Pleasant St	Greater Augusta Utilities District, Augusta Main	1340	0	0	1340	83	82	7000	12600		
13B.1		Hyd @ Bridge St & Pleasant St	Greater Augusta Utilities District, Augusta Main	1340	0	0	1340	83	82	2250	12600		
14B.1		Hyd @ Northern Ave & Jefferson St	Greater Augusta Utilities District, North Augusta	750	0	0	750	82	47	1750	1000		
15B.1		Hyd @ Northern Ave & Old Belgrade Rd	Greater Augusta Utilities District, North Augusta	1030	0	0	1030	50	26	2250	1200		
16A.1		Hyd @ Old Belgrade Rd & Bog Rd	Greater Augusta Utilities District, North Augusta	1030	0	0	1030	55	52	6000	3900	(D)-(1663 gpm)	
16B.1		Hyd @ Old Belgrade Rd & Bog Rd	Greater Augusta Utilities District, North Augusta	1030	0	0	1030	55	52	3000	3900	(C)-(2128 gpm)	
16C.1		Hyd @ Old Belgrade Rd & Bog Rd	Greater Augusta Utilities District, North Augusta	1030	0	0	1030	55	52	500	3900		
17A.1		Hyd @ Civic Center Dr & Veterans Cemetary	Greater Augusta Utilities District, North Augusta	1330	0	0	1330	80	75	4000	5100	(D)-(1663 gpm)	
17B.1		Hyd @ Civic Center Dr & Veterans Cemetary	Greater Augusta Utilities District, North Augusta	1330	0	0	1330	80	75	3500	5100	(C)-(2128 gpm)	
18A.1		Hyd @ Civic Center Dr & Townsend Rd	Greater Augusta Utilities District, North Augusta	1220	0	0	1220	76	68	5000	3500	(D)-(1663 gpm)	
18B.1		Hyd @ Civic Center Dr & Townsend Rd	Greater Augusta Utilities District, North Augusta	1220	0	0	1220	76	68	3500	3500	(C)-(2128 gpm)	
19B.1		1st Hyd S of Bond Brook Rd on Mt Vernon Ave	Greater Augusta Utilities District, Augusta Main	1410	0	0	1410	126	117	2500	5300		
19C.1		1st Hyd S of Bond Brook Rd on Mt Vernon Ave	Greater Augusta Utilities District, Augusta Main	1410	0	0	1410	126	117	750	5300		

THE ABOVE LISTED NEEDED FIRE FLOWS ARE FOR PROPERTY INSURANCE PREMIUM CALCULATIONS ONLY AND ARE NOT INTENDED TO PREDICT THE MAXIMUM AMOUNT OF WATER REQUIRED FOR A LARGE SCALE FIRE CONDITION.

THE AVAILABLE FLOWS ONLY INDICATE THE CONDITIONS THAT EXISTED AT THE TIME AND AT THE LOCATION WHERE TESTS WERE WITNESSED.

*Comm = Commercial; Res = Residential.

**Needed is the rate of flow for a specific duration for a full credit condition. Needed Fire Flows greater than 3,500 gpm are not considered in determining the classification of the city when using the Fire Suppression Rating Schedule.

*** (A)-Limited by available hydrants to gpm shown. Available facilities limit flow to gpm shown plus consumption for the needed duration of (B)-2 hours, (C)-3 hours or (D)-4 hours.

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				INDIVIDUAL HYDRANTS		TOTAL	STATIC	RESID.	NEEDED**	AVAIL.			
1A.1		Hyd N of Dalton Rd on Riverside Dr	Greater Augusta Utilities District, Riverside	1050	0	0	1050	60	52	5000	2500	(D)-(1793 gpm)	
1B.1		Hyd N of Dalton Rd on Riverside Dr	Greater Augusta Utilities District, Riverside	1050	0	0	1050	60	52	3000	2500	(C)-(2135 gpm)	
20A.1		Hyd @ Western Ave & Edison Dr	Greater Augusta Utilities District, Granite Hill	1140	0	0	1140	85	84	4000	10900		
20B.1		Hyd @ Western Ave & Edison Dr	Greater Augusta Utilities District, Granite Hill	1140	0	0	1140	85	84	3500	10900		
21A.1		Hyd @ Western Ave & Blaine Ave	Greater Augusta Utilities District, Granite Hill	1410	0	0	1410	98	78	5000	2900		
21B.1		Hyd @ Western Ave & Blaine Ave	Greater Augusta Utilities District, Augusta Main	1410	0	0	1410	98	78	3500	2900		
22B.1		Hyd @ State St & Chandler St	Greater Augusta Utilities District, Augusta Main	820	0	0	820	87	82	3500	3300		
23B.1		Hyd @ State St & Coughlin St	Greater Augusta Utilities District, Augusta Main	1340	0	0	1340	114	87	3500	2600		
23C.1		Hyd @ State St & Coughlin St	Greater Augusta Utilities District, Augusta Main	1340	0	0	1340	114	87	750	2600		
24A.1		1st Hyd @ Best Buy	Greater Augusta Utilities District, Granite Hill	1290	0	0	1290	77	67	6000	3300	(D)-(5232 gpm)	
24B.1		1st Hyd @ Best Buy	Greater Augusta Utilities District, Granite Hill	1290	0	0	1290	77	67	2500	3300		
2B.1		Hyd @ Riverside Dr & Blair Rd	Greater Augusta Utilities District, Riverside	1010	0	0	1010	64	61	3500	4300	(C)-(2135 gpm)	
3A.1		Hyd @ Riverside Dr & Highland Ave	Greater Augusta Utilities District, Augusta Main	1210	0	0	1210	85	80	4500	4800		
3B.1		Hyd @ Riverside Dr & Highland Ave	Greater Augusta Utilities District, Augusta Main	1210	0	0	1210	85	80	2500	4800		
4B.1		Hyd @ North Belfast Ave & Caswell St	Greater Augusta Utilities District, Malta	440	0	0	440	52	15	2250	400		
5C.1		Hyd @ Hicks Rd & South Belfast Ave	Greater Augusta Utilities District, Malta	1030	0	0	1030	64	60	500	3800		

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				INDIVIDUAL HYDRANTS		TOTAL	PSI		STATIC	RESID.			NEEDED**
6B.1		1st Hyd on Pierce Dr	Greater Augusta Utilities District, Malta	900	0	0	900	50	36	2500	1400		
7A.1		1st Hyd on Cony St E of Cony Circle	Greater Augusta Utilities District, Malta	1090	0	0	1090	90	76	4000	2600		
7B.1		1st Hyd on Cony St E of Cony Circle	Greater Augusta Utilities District, Malta	1090	0	0	1090	90	76	3000	2600		
8A.1		Hyd @ Arsenal St & Eastern Ave	Greater Augusta Utilities District, Malta	1090	0	0	1090	106	76	4000	1900		
8B.1		Hyd @ Arsenal St & Eastern Ave	Greater Augusta Utilities District, Malta	1090	0	0	1090	106	76	3500	1900		
9A.1		Hyd @ Hospital St & Glenridge Dr	Greater Augusta Utilities District, Eastern Ave.	1030	0	0	1030	80	54	5000	1600	(D)-(2988 gpm)	
9B.1		Hyd @ Hospital St & Glenridge Dr	Greater Augusta Utilities District, Eastern Ave.	1030	0	0	1030	80	54	2500	1600		

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