

Bob Landman

From: Chris Silver [csilver@hamptonfirerescue.com]
Sent: Monday, September 06, 2010 10:33 PM
To: Bob Landman
Subject: FW: Re: Color coded hydrants

Mr. Landman,

Below is my response to a follow-up e-mail sent by Aquarion.

Christopher Silver
 Chief of Department
 Hampton Fire Rescue
 64 Ashworth Avenue
 Hampton, New Hampshire 03842
 603-926-3316
 603-929-1915 FAX
www.hamptonfirerescue.com

----- Original Message -----

From: Chris Silver <csilver@hamptonfirerescue.com>
To: <cmcmorran@aquarionwater.com>
Cc: William Sullivan <wsullivan@town.rye.nh.us> , Skip Webb <skipwebbnh@yahoo.com> , Woolsey Mary-Louise <Marylouisewoolsey@allstate.com> , <fwelch@town.hampton.nh.us> , <JPrice@town.hampton.nh.us> , <hhibbard@aquarionwater.com> , <vnav46@verizon.net>
Date: Friday, September 3 2010 02:20 PM
Subject: Re: Color coded hydrants

Sorry for the confusion Carl, but all references I have seen from AWWA and NFPA indicate Class AA hydrants (>1500gpm) should have their nozzle caps and bonnet colored light blue, Class A hydrants (1000-1499gpm), green, Class B hydrants (500-999gpm), orange, and Class C hydrants (0-499gpm), red.

Additionally, the documents provided by Aquarion as well as Tata & Howard reference the same colors as above.

Perhaps you can send me a copy of the reference you are using. And why would Aquarion chose not to follow the documents provided to the local communities. Had we been advised you intended to deviate from what was originally presented, I for one would have objected.

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----- Original Message -----

From: <cmcmorran@aquarionwater.com>
To: Chris Silver <csilver@hamptonfirerescue.com>
Cc: Skip Webb <skipwebbnh@yahoo.com> , Woolsey, Mary-Louise <Marylouisewoolsey@allstate.com> , <fwelch@town.hampton.nh.us> , <JPrice@town.hampton.nh.us> , <hhibbard@aquarionwater.com> , <vnav46@verizon.net>
Date: Friday, September 3 2010 12:30 PM
Subject: Color coded hydrants

Good afternoon Chief,

That's because most of the hydrants we've repainted in Hampton so far are in the AA class (>1,500

gpm) which are painted the standard yellow with white caps.

Carl McMorran
Operations Manager
Aquarion Water Company
1 Merrill Industrial Drive
Hampton NH 03842
Phone: 603-926-3319 ext 116
Fax: 603-926-4356
cmcmorran@aquarionwater.com

Only Tap Water Delivers

Chris Silver <csilver@hamptonfirerescue.com>
09/02/2010 02:42 PM

To <cmcmorran@aquarionwater.com>
cc
Subject Re: Aquarion NH Water Supply Update for August 2010

OK, but I have seen a number of hydrants repainted but all the caps and tops are being painted white. ???

Christopher Silver
Chief of Department
Hampton Fire Rescue
64 Ashworth Avenue
Hampton, New Hampshire 03842
603-926-3316
603-929-1915 FAX
www.hamptonfirerescue.com

----- Original Message -----

From: <cmcmorran@aquarionwater.com>
To: Chris Silver <csilver@hamptonfirerescue.com>
Cc:
Date: Thursday, September 2 2010 02:37 PM
Subject: Re: Aquarion NH Water Supply Update for August 2010

Good afternoon Chief,

The caps are being color coded as the hydrants are repainted. Our goal is to re-paint hydrants on a 4-year cycle, but we're behind a little due to resource constraints and it looks like it will be another 2 years before all Hampton hydrants will be re-painted.

Carl McMorran
Operations Manager
Aquarion Water Company
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Hampton NH 03842
Phone: 603-926-3319 ext 116
Fax: 603-926-4356
cmcmorran@aquarionwater.com

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Chris Silver
<csilver@hamptonfirerescue.com>
09/02/2010 02:29 PM

To <cmcmorran@aquarionwater.com>
<brandon.kernen@des.nh.gov>, <harry.stewart@des.nh.gov>,

<james.gallagher@des.nh.gov>, <richard.skarinka@des.nh.gov>, <robert.mann@des.nh.gov>, <rene.pelletier@des.nh.gov>, <sarah.pillsbury@des.nh.gov>, <timothy.nowack@des.nh.gov>, <doug.brogan@puc.nh.gov>, <eileen.hadley@puc.nh.gov>, <mark.naylor@puc.nh.gov>, <mmagnant@town.rye.nh.us>, <fwelch@town.hampton.nh.us> cc <JPrice@town.hampton.nh.us>, <rlandman@hlinstruments.com>, <sfournier@northhampton.nh.gov>, <dcote@northhampton-nh.gov>, <mjmaggiore@comcast.net>, <Tim@harned.com>, <wsullivan@town.rye.nh.us>, <skipwebbnh@yahoo.com>, <snhdei01@allstate.com>, <vnav46@verizon.net>, <gggreenwood@rpc-nh.org>, <rtalkington@geospherenh.com>, <tjmack@usgs.gov>, <hhibbard@aquarionwater.com>, <jlegenza@aquarionwater.com>

Subject Re: Aquarion NH Water Supply Update for August 2010

Carl,

Thanks for the report.

I have also noticed that you are painting hydrants in Hampton and am wondering why you have not been color coding the tops and caps in accordance with AWWA and NFPA? According to the Hydrant Maintenance and Beautification Schedule previously provided by Aquarion to the Town of Hampton this color coding was going to be completed following the hydrant classification table provided by Tata & Howard in 2006.

Please provide an update when this will be completed.

Christopher Silver
 Chief of Department
 Hampton Fire Rescue
 64 Ashworth Avenue
 Hampton, New Hampshire 03842
 603-926-3316
 603-929-1915 FAX
www.hamptonfirerescue.com

----- Original Message -----

From: <cmcmorran@aquarionwater.com>

To: <brandon.kernen@des.nh.gov>, <harry.stewart@des.nh.gov>, <james.gallagher@des.nh.gov>, <richard.skarinka@des.nh.gov>, <robert.mann@des.nh.gov>, <rene.pelletier@des.nh.gov>, <sarah.pillsbury@des.nh.gov>, <timothy.nowack@des.nh.gov>, <doug.brogan@puc.nh.gov>, <eileen.hadley@puc.nh.gov>, <mark.naylor@puc.nh.gov>, <mmagnant@town.rye.nh.us>, <fwelch@town.hampton.nh.us>, <JPrice@town.hampton.nh.us>, <rlandman@hlinstruments.com>, <sfournier@northhampton-nh.gov>, <dcote@northhampton-nh.gov>, <mjmaggiore@comcast.net>, <Tim@harned.com>, <csilver@hamptonfirerescue.com>, <wsullivan@town.rye.nh.us>, <skipwebbnh@yahoo.com>, <snhdei01@allstate.com>, <vnav46@verizon.net>, <gggreenwood@rpc-nh.org>, <rtalkington@geospherenh.com>, <tjmack@usgs.gov>, <hhibbard@aquarionwater.com>, <jlegenza@aquarionwater.com>

Cc:

Date: Thursday, September 2 2010 12:51 PM

Subject: Aquarion NH Water Supply Update for August 2010

Good morning,

Please respond with questions, comments or if you no longer wish to receive this report.

11/8/2010

Thanks

Carl McMorran
Operations Manager
Aquarion Water Company
1 Merrill Industrial Drive
Hampton NH 03842
Phone: 603-926-3319 ext 116
Fax: 603-926-4356
cmcmorran@aquarionwater.com

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Bob Landman

From: Bob Landman [rlandman@hlinstruments.com]
Sent: Thursday, September 09, 2010 1:30 PM
To: Skip Webb
Cc: cmcmorran@aquarionwater.com; brandon.kernen@des.nh.gov; harry.stewart@des.nh.gov; james.gallagher@des.nh.gov; richard.skarinka@des.nh.gov; robert.mann@des.nh.gov; rene.pelletier@des.nh.gov; sarah.pillsbury@des.nh.gov; timothy.nowack@des.nh.gov; doug.brogan@puc.nh.gov; eileen.hadley@puc.nh.gov; mark.naylor@puc.nh.gov; mmagnant@town.rye.nh.us; fwelch@town.hampton.nh.us; JPrice@town.hampton.nh.us; Steve Fournier; dcote@northhampton-nh.gov; mjmaggiore@comcast.net; Tim@harned.com; wsullivan@town.rye.nh.us; snhdei01@allstate.com; vnav46@verizon.net; gggreenwood@rpc-nh.org; rtalkington@geospherenh.com; tjmack@usgs.gov; hhibbard@aquarionwater.com; jlegenza@aquarionwater.com; Chris Silver
Subject: Re: Color Coding of Hydrants

Hello Carl,

As you will recall, I raised the issue of color coding of hydrants when MacQuarie first acquired Hampton Water Works. The Town of North Hampton had complained to the PUC that the hydrants had not been adequately maintained and had not been painted in a very long time. Your company complied with the maintenance and the painting but not the color coding.

We have some very small hydrants that I know do much less than 1500 gpm. Unfortunately, I'm out of the country (in Costa Rica) and will be away from NH until the 27th. When I return, if necessary, I'll review the Tata & Howard report on the hydrants in North Hampton and will e-mail Aquarion and cc everyone.

I did find this news release so NH must follow NFPA codes.

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New Hampshire Adopts 2003 Uniform Fire Code and 2000 Life Safety Code

(October 22, 2004) - The state of New Hampshire has recently adopted two key National Fire Protection Association (NFPA) safety codes. The 2003 edition of NFPA 1, Uniform Fire Code (UFC) and the 2000 edition of NFPA 101, Life Safety Code are now part of the state's set of model safety codes.

New Hampshire's Board of Fire Control selected the NFPA codes after a thorough review of other available model safety codes. "Our review showed that NFPA's codes are the best choice to protect public safety in our state," said Bill Degnan, New Hampshire state fire marshal. "Not only does NFPA provide us with the best codes, but also the Association offers the highest level of service to code officials throughout our state."

As a result of this adoption, NFPA 1, Uniform Fire Code, and NFPA 101, Life Safety Code, which are already widely used across the United States, will protect New Hampshire residents and their property in new and existing buildings, effective immediately. NFPA 1, Uniform Fire Code, provides requirements necessary to establish a reasonable level of fire safety and property protection from hazards created by fire and explosion. NFPA 101, Life Safety Code, used in all 50 states, mandates building design construction, operation, and maintenance requirements to protect building occupants from the dangers caused by fire, smoke, and toxic fumes.

New Hampshire will participate in a training program developed by NFPA and offered to cities and states that have adopted NFPA 1, Uniform Fire Code; NFPA 101, Life Safety Code, and other key NFPA codes and standards. Taught by NFPA technical experts, the training covers all of the codes' requirements and the numerous ways the codes may be utilized and enforced. NFPA will make available free training and the associated codebooks to all state code enforcers who attend.

NFPA 1, Uniform Fire Code, and NFPA 101, Life Safety Code, are part of a full set of codes for the built environment, developed by NFPA and its partners. The Comprehensive Consensus Codes (C3) Set represents the only full set of construction-codes developed through processes accredited by the American National Standards Institute (ANSI), a private, nonprofit organization that administers and coordinates the U.S. voluntary standardization and conformity assessment system. The 300 NFPA technical committees responsible for developing and updating codes and standards include 6,000 volunteers, representing enforcing authorities, installation and maintenance, labor, research and testing, insurance, special experts, consumers, and other users.

NFPA, publisher of both the Uniform Fire Code and the Life Safety Code, has been a worldwide leader in providing fire, electrical, building, and life safety to the public since 1896. The mission of the international nonprofit organization is to reduce the worldwide burden of fire and other hazards on the quality of life by providing and advocating scientifically based consensus codes and standards, research, training and education.

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When we were considering RSA-38, I researched the hydrant cost issue as well as color coding. I spoke many times with retired Chief Willis Lamm in California who has a website that clearly states the color code <http://www.firehydrant.org/info/hycolor.html>Top

Colors

NFPA 291

BLUE	1500 GPM or more	Very good flows
GREEN	1000-1499 GPM	Good for residential areas
ORANGE	500-999 GPM	Marginally adequate
RED	Below 500 GPM	Inadequate

Just as the Hampton Chief said, of course. The retired Chief also had a recommendation on outlet cap colors:

Outlet Cap Colors

(Note: This is a local deviation from NFPA standards that recommend cap colors also indicate flow!)

GREEN	Over 120 p.s.i.	Extremely high pressure (caution!)
ORANGE	50-120 p.s.i.	"Normal" pressure range
RED	Below 50 p.s.i.	Must be "pumped"

Since I was a boy growing up in San Francisco, I've always had an interest in good fire protection. Did you know that the seal of SF pictures the fire bird Phoenix arising from the ashes (the seal of the city was adopted after the 1906 earthquake and fire). We moved here in 1994 after the Loma Prieta earthquake leveled many buildings and broke the SF Bay Bridge and the overpass near our home in SF. That convinced us that SF was in for a terrible tragedy when the San Andreas fault let go again. Anything that can be reasonably done to avert tragedy should be done, especially as its the law and we pay for the service.

I'm sure the folks in Rye would want this done there as well.

Regards,

Bob Landman
Co-Chair
North Hampton Water Commission
Member, Aquarion Advisory Committee

CC: Steven Fournier, North Hampton Town Administrator

On Sep 2, 2010, at 3:08 PM, Skip Webb wrote:

>
> Hi Carl,
>
> I too, thank you for the water reports. Those of us who have experienced a water shortage and/or a chemical unbalance period know how valuable your reports can be. I am proud that as a result of the 2002-2003 drought period we recognized the need for such reports and put the current procedure into action. This includes not only your detailed reports to us, but the reports you continue to issue to the public.
>
> Carl, Chief Silver's observation that the hydrants have not been properly color coded bothers me. My notes, prior to the formation of the Fire Department Advisory Committee when there was only the joint Water Works Advisory Committee, agree with the history provided by Chief Silver. In addition, the Advisory Committee was told after the prior painting was completed that all hydrants had been properly color coded. I removed this item from my follow list. I hope that Chief Silver's observation is the result of his noticing a few hydrants which were coded by mistake instead of what I picture might be a serious problem.
>
> The Hampton Fire Department and both the Hampton Water Company and the Aquarion Water Company have educated me in the benefits of proper color coding. I too would like to know how soon Aquarion can correct the problem so the fire departments can rely on the color markings.
>
> Skip Webb
>
>
>