Fire Hydrants Along the Way

New Hampshire
Dry Fire Hydrants
March 2011

 www.GotBigWater.com

Facts & Figures…

- While traveling in New Hampshire to deliver one of our incident command seminars, we stopped in at the Gilmanton FD to discuss the possibility of installing one of our bridge-mounted dry hydrant systems.
- While in Gilmanton, we got to see a number of dry hydrant installations – most all of them done by the FD.
- It was obvious to us that the folks at the Gilmanton FD take their water supplies seriously and we were impressed with the number, quality, and distribution of dry fire hydrants throughout their response district.

Gilmanton FD

The Gilmanton FD is a combination system using day-time career folks and paid on-call folks to provide fire and EMS response out of two stations. Their response district is primarily rural and they are heavily dependent on static water supplies for their fire protection water.

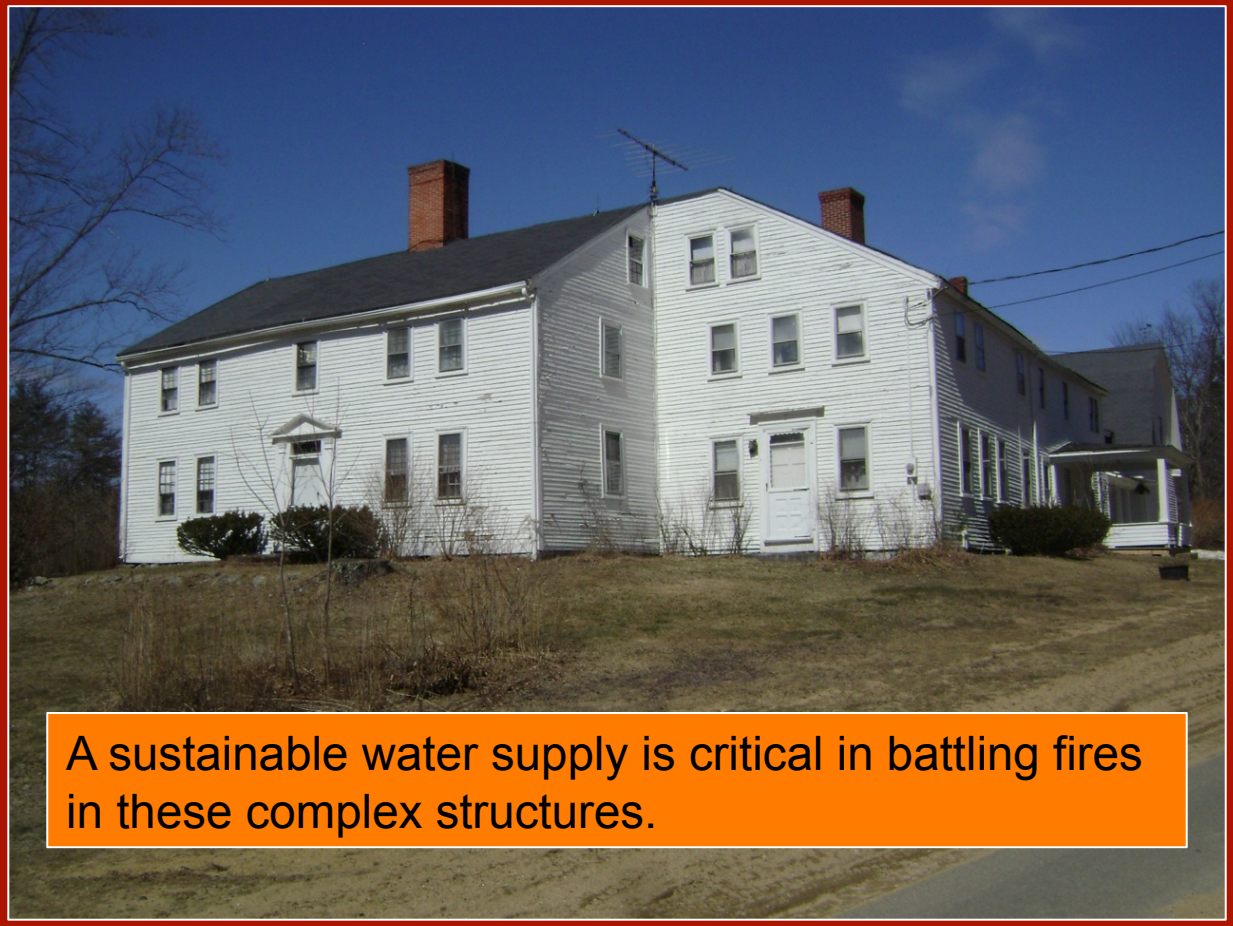
 www.GotBigWater.com

Facts & Figures…

Of course, being in New England, they have the traditional, large wooden structures to protect.

 www.GotBigWater.com

Facts & Figures…



A sustainable water supply is critical in battling fires in these complex structures.

 www.GotBigWater.com

Facts & Figures…

We found this dry hydrant at a lake/ resort area where there are many waterfront cabins and homes. This DFH is a “standpipe” version made of 8-inch PVC and trimmed out with a 6-inch NST female fitting. The 8-inch pipe allows for reduced friction loss and improved flow. This DFH is an important one for the area – especially when the lake freezes.

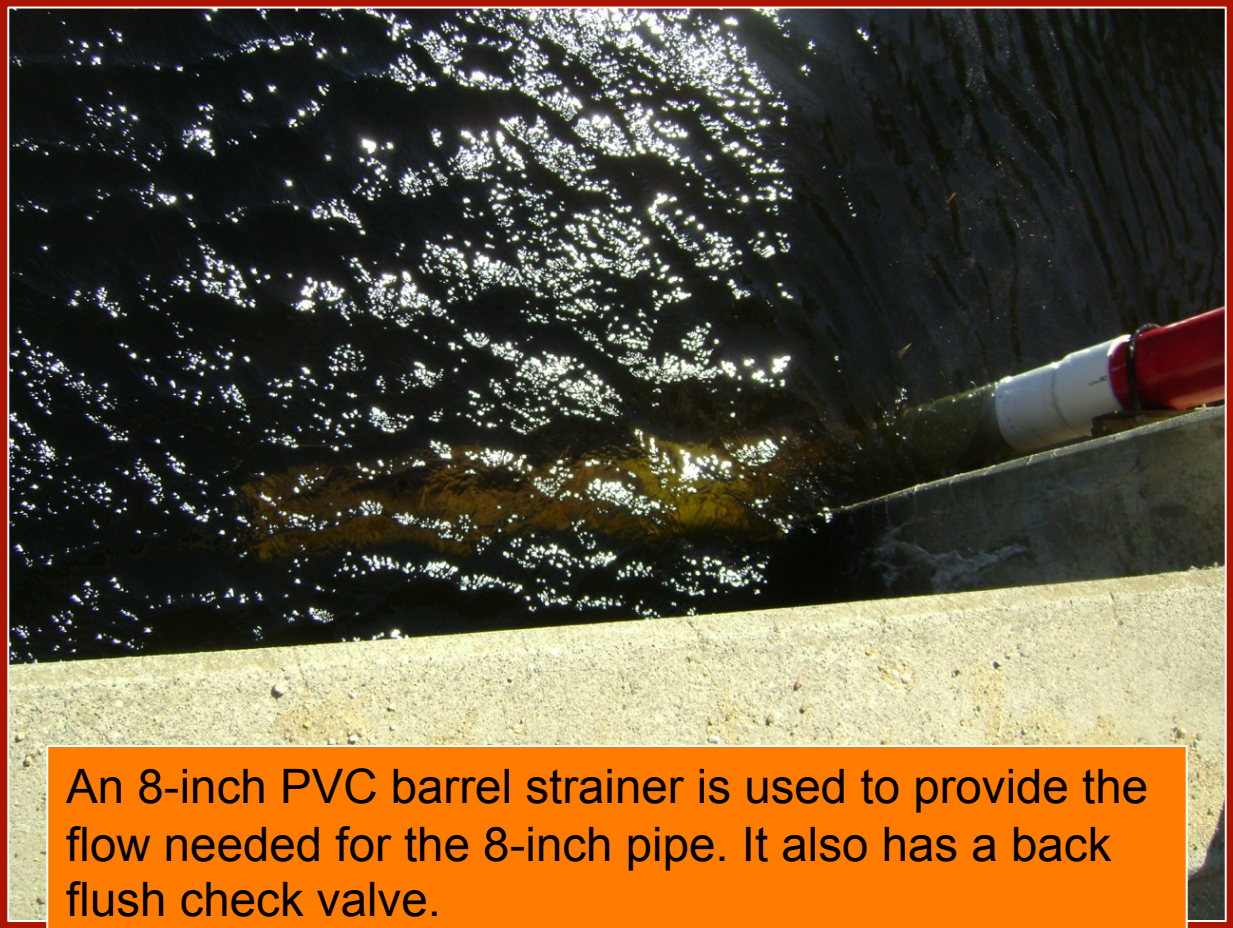
 www.GotBigWater.com

Facts & Figures…

To help ensure the DFH is ready for use in the winter, the FD charges the pipe with air to prevent freezing. The gauge allows for inspection during the winter months to see if the air blanket needs boosted.

 www.GotBigWater.com

Facts & Figures…



An 8-inch PVC barrel strainer is used to provide the flow needed for the 8-inch pipe. It also has a back flush check valve.

Facts & Figures…

The lake was still frozen solid in most all places on March 28th – so DFHs are an important commodity in Gilmanton.

 www.GotBigWater.com

Facts & Figures…

This DFH is located in the old Iron Works area of Gilmanton and accesses a pond about 75 feet off of the main road. It is made of 6-inch iron pipe and is trimmed out with a 6-inch NST male fitting.

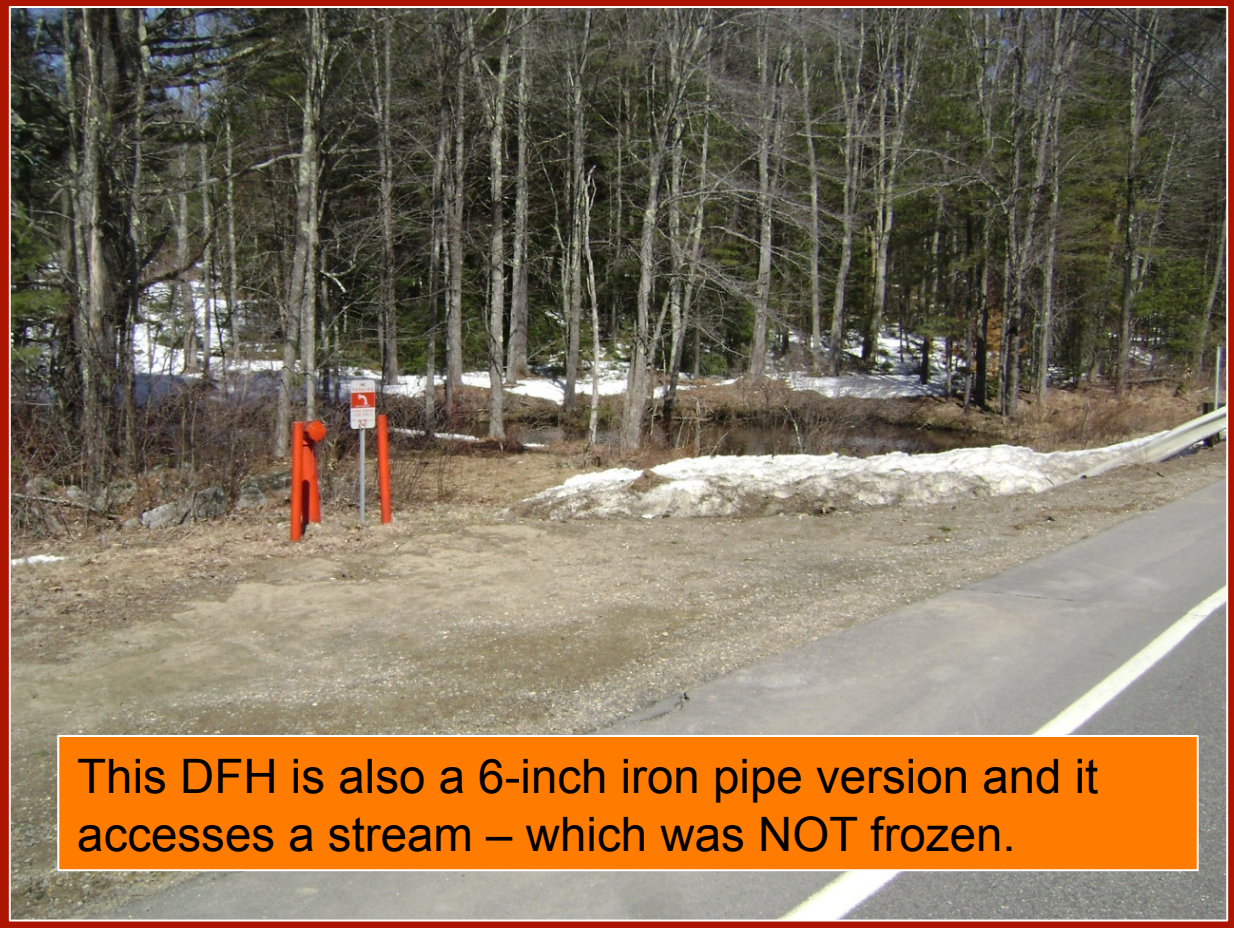
 www.GotBigWater.com

Facts & Figures…

Here is another 6-inch iron pipe DFH – this time across the road from a large farm complex. The DFH accesses a large pond – which also was still frozen solid on March 28th.

 www.GotBigWater.com

Facts & Figures…



This DFH is also a 6-inch iron pipe version and it accesses a stream – which was NOT frozen.

 www.GotBigWater.com

Facts & Figures…

The pipe runs out into the middle of the stream where a barrel strainer is used.

 www.GotBigWater.com

Facts & Figures…

Although many DFH installations today use PVC pipe. We do like the iron pipe in terms of ruggedness – especially when having to battle snow plows along the road in the winter time.

www.GotBigWater.com

This program was developed by
GBW Associates, LLC
© 2011
No part may be used or copied
without expressed written consent.

For more information contact us at

thebigcamel@gotbigwater.com

 www.GotBigWater.com