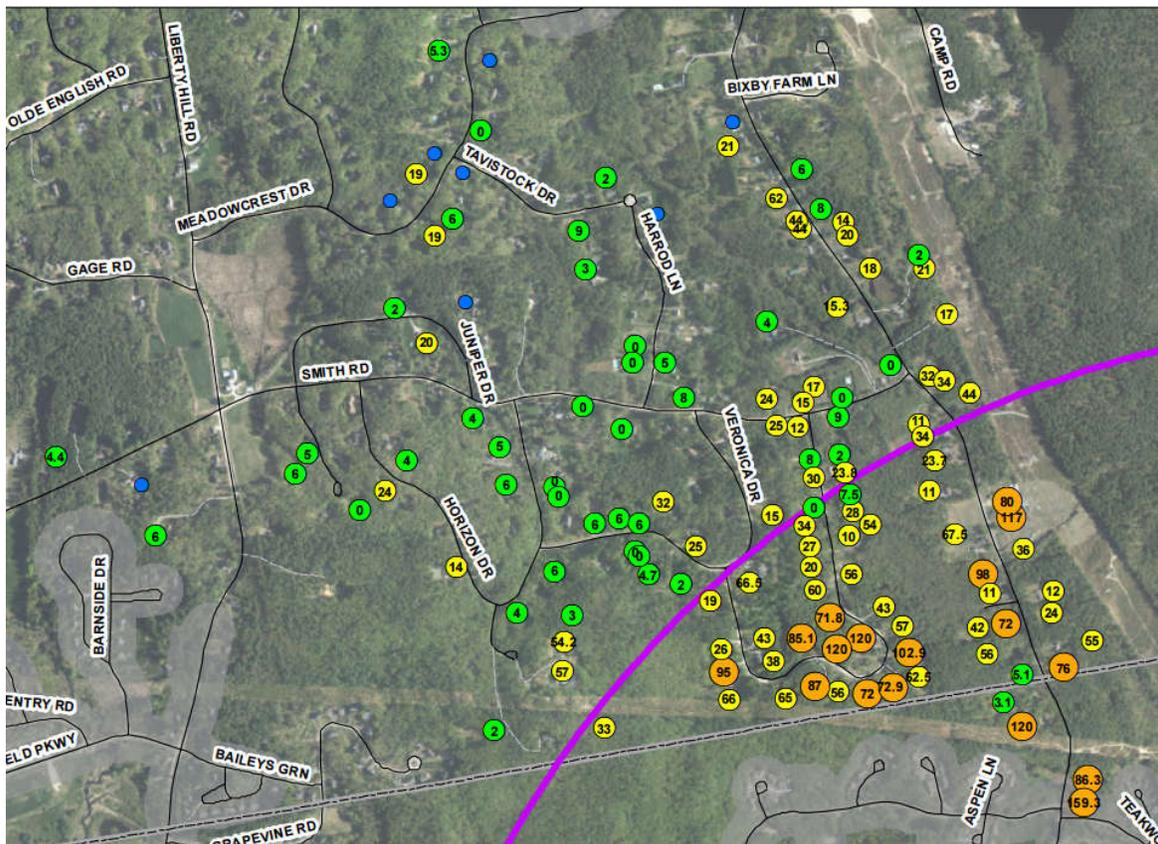


MEMORANDUM



To: Bedford Town Council
From: Rick Sawyer, Town Manager
Date: December 8, 2016
Re: PFC Drinking Water Contamination Update

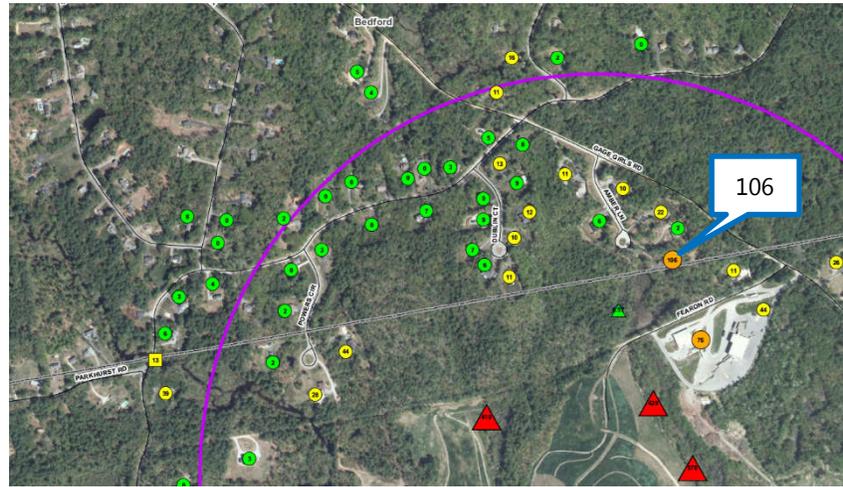
1. **Saint-Gobain 1.5 Mile Private Well Study Area** – The Town is scheduled to meet with Saint-Gobain, NHDES, and Pennichuck on December 21st to discuss permanent water line extensions to the area. In preparation the town staff has held internal meetings, worked with an engineering consultant, the town attorney, and Council members, and have had meetings with Pennichuck and NHDES. Every avenue is being explored to make sure municipal water is available to the most impacted resident in 2017.



The map above shows many new well tests that have been taken outside of the original study area to ensure that the outer limits of the contamination have been found. This latest map also shows that there are readings of 50 and 60 ppt outside of the area receiving bottled water that must be followed closely.

The Department of Health and Human Services is completing PFC blood testing for those residents receiving bottled water. These residents are encouraged to call 603-271-9461 to register.

2. **Merrimack Landfill ½ Mile Study Area** – No new information at this time, the following is from the last report. The published mapping has been updated to show the property at the end of Amber Lane shown at 52 ppt was retested and now has a reading of 106 ppt (88 PFOS & 18 PFOA) and has been provided bottled water. No other properties in Bedford are shown to have a reading above 22 ppt.



3. **Bedford Landfill** – No new information at this time, the following is from the last report. DES has completed 27 well test in the study area and no results in excess of the health advisory have been found. The test of our well that serves the transfer station office has a result of approximately 58 ppt, however the water is not used for drinking.



The highest private well reading came back on Harvard Lane at 45 ppt. Strangely the two highest readings on Harvard Lane are from the properties furthest away. I have asked that DES expand their investigation as a result 45 ppt reading to have some more information from the abutting properties.

4. **Public Water Supply Study Area** - Greenfield Farms/Cabot Preserve area which receives water from Pennichuck via the Merrimack Village Water District (MVD). The

| | | | | |
|---------|----------------|-------------------------------------|------------|----|
| BEDFORD | CABOT PRESERVE | GRAVEL WELLS FROM MERRIMACK VILLAGE | 10/12/2016 | 18 |
| BEDFORD | CABOT PRESERVE | GRAVEL WELLS FROM MERRIMACK VILLAGE | 10/19/2016 | 21 |
| BEDFORD | CABOT PRESERVE | GRAVEL WELLS FROM MERRIMACK VILLAGE | 10/25/2016 | 19 |
| BEDFORD | CABOT PRESERVE | GRAVEL WELLS FROM MERRIMACK VILLAGE | 11/1/2016 | 21 |

most recent test results available for this system was completed on November 1, 2016 and was 21 ppt of PFOA with no detect for PFOS. The October and November readings marked the first time in several months where the readings exceeded 17 ppt.

The chart to the right indicates that the MVD wells continue to have good readings through September 29, 2016 with fluctuations of PFOA in the readings for all of the wells but with the highest reading being in the blended water of wells 7 & 8 at 30 ppt after green sand treatment.

Updated October 24, 2016
PFOA/PFOS Sampling Results for Merrimack Village District Water Works
**MVD 7&8 TP – is a blend of MVD wells 7 and 8 after green sand treatment*

| Well Name: | MVD-2 | MVD-3 | MVD-4 (offline) | MVD-5 (offline) | MVD-7 | MVD-8 | MVD-7&8 TP* |
|------------------------|-------------|-------------|-----------------|-----------------|-------------|-------------|-------------|
| 9/29/16 ¹ | 14/ND | 19/ND | Not Sampled | Not Sampled | 34/4.8 | 23/ND | 30/ND |
| 9/15/16 ¹ | 23/23 | 17/ND | Not Sampled | Not Sampled | 33/4.6 | 22/18 | 27/ND |
| 9/07/16 ¹ | Not Sampled | 19/ND | Not Sampled | Not Sampled | Not Sampled | Not Sampled | 31/ND |
| 9/01/2016 ² | 12/ND | 18/ND | Not Sampled | Not Sampled | 29/7 J | 19/ND | Not Sampled |
| 9/01/2016 ¹ | 12/ND | Not Sampled | Not Sampled | Not Sampled | 30/ND | 18/ND | 24/ND |

NH DHHS has announced a health assessment program for those residents that have had a long term exposure to MVD water by testing blood (serum) of 200 randomly selected MVD customers.

We continue to provide announcements on the Town Website, Facebook Page, BCTV, and WBNH. DES has established a dedicated phone number for those impacted residents (603) 271-9461.

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