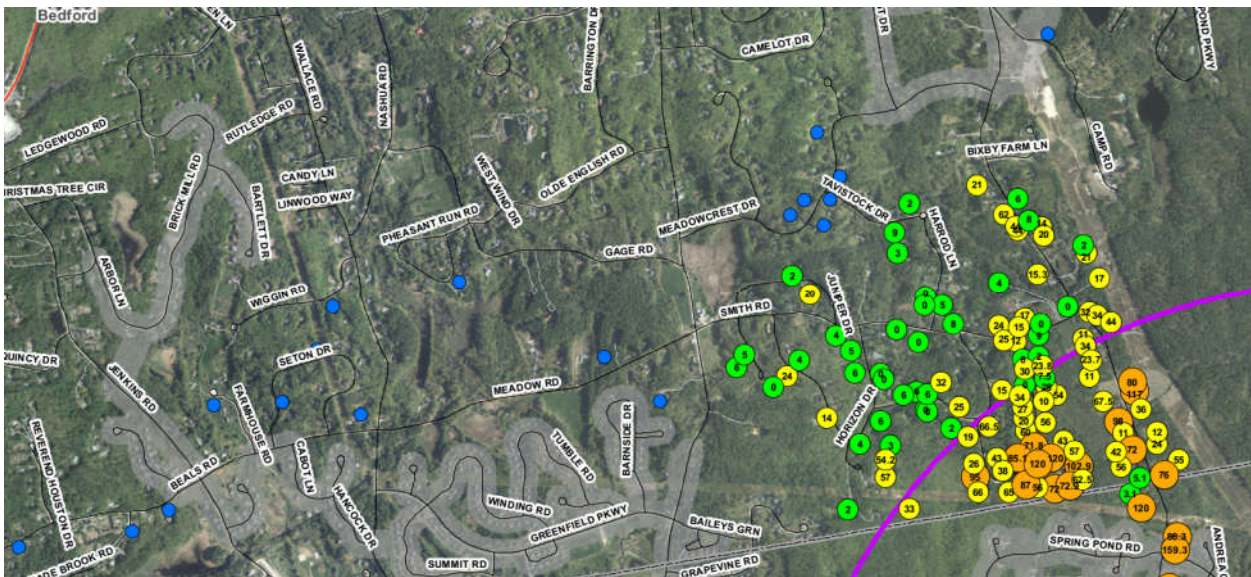


MEMORANDUM



To: Bedford Town Council
From: Rick Sawyer, Town Manager
Date: November 10, 2016
Re: PFC Drinking Water Contamination Update

1. **Saint-Gobain 1.5 Mile Private Well Study Area** – On November 1st DES and the Town held a public meeting with those residents on bottled water to inform them that Saint-Gobain had agreed to install point of use systems in those homes with readings over 70 ppt for the winter months and that they will completing additional testing on all properties starting with those with readings of 45 ppt and above. At the same meeting I presenting conceptual drawings of the

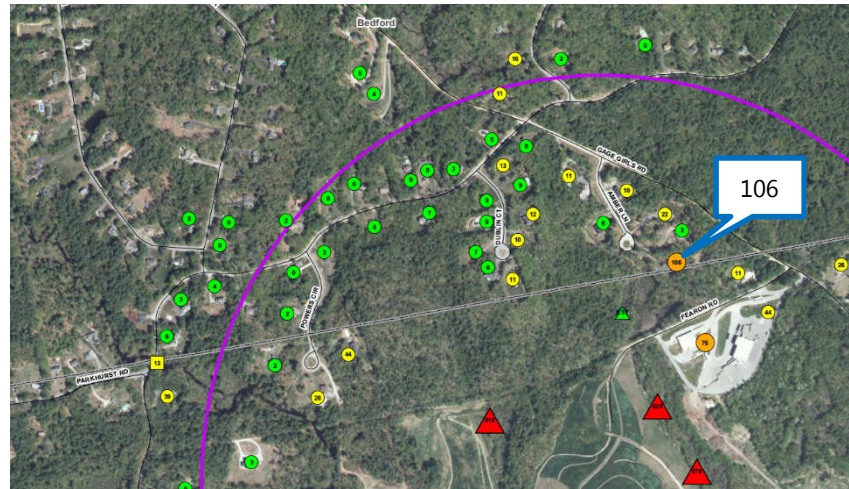


potential waterline solutions be considered. The map above shows many new well tests that have been taken outside of the original study area to ensure that the outer limits of the contamination have been found. This latest map also shows that there are readings of 50 and 60 ppt outside of the area receiving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

Members of the staff and Council have been meeting with our consultant and attorney to review the 11 options developed by Pennichuck and will be meeting with DES and Saint-Gobain to pursue our preferred solution next week.

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** – 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 most recent

TOWN	WATER SYSTEM NAME	SOURCE	DATE SAMPLED	PERFLUOROOCTANOIC ACID PFOA	PERFLUOROOCTANE SULFONATE PFOS
BEDFORD	CABOT PRESERVE	GRAVEL WELLS FROM MERRIMACK VILLAGE DISTRICT	9/6/2016	17	<4
BEDFORD	CABOT PRESERVE	GRAVEL WELLS FROM MERRIMACK VILLAGE DISTRICT	9/13/2016	14	<4
BEDFORD	CABOT PRESERVE	GRAVEL WELLS FROM MERRIMACK VILLAGE DISTRICT	9/20/2016	15	<4

test results available for this system was completed on September 20, 2016 and was 15 ppt of PFOA with no detect for PFOS. This marked several months of results at or below 17 ppt as a result of MVD utilizing their least contaminated wells.

The chart to the right indicates that the MVD wells continue to have very 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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