



# PFOA Contamination Southern New Hampshire Update

June 16, 2017

NHDES is issuing these email updates during our ongoing investigation into perfluorooctanoic acid (PFOA) and other PFCs in southern New Hampshire drinking water. These updates will also be posted on our website at <http://des.nh.gov/organization/commissioner/pfoa.htm>

## **Press Release:**

June 9: NHDES issued a press release to announce that it has received drinking water well results for several properties in the Lexington and Ledge Road area of Windham, New Hampshire that showed elevated concentrations of perfluorochemicals (PFCs), including perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA). NHDES initiated testing in this area based on information related to industrial use of PFCs at Central Metal Finishing, Inc., located on Lexington Road. Four wells have tested above the state Ambient Groundwater Quality Standard (AGQS) of 70 parts per trillion (ppt), ranging in concentrations of 70.4 ppt to 396 ppt. To read the complete release visit: <https://www.des.nh.gov/media/pr/2017/20170609-windham-pfcs.htm>

## **Map:**

NHDES is now posting our PFC sampling results on a GIS based map. The map allows users to zoom into particular areas of interest. To access the map, visit:

<http://nhdes.maps.arcgis.com/apps/View/index.html?appid=66770bef141c43a98a445c54a17720e2&extent=-73.5743,42.5413,-69.6852,45.4489>

## **New Investigation Documents:**

Saint-Gobain's consultants completed preliminary modeling of historical PFOA emissions from the facility, and how PFOA migrated through the air, soil, and water in the area around the Merrimack facility. A copy of the report – *Preliminary Air, Soil, and Water Modeling Technical Memorandum: Merrimack, New Hampshire*, prepared by Barr Engineering, can be found here:

<http://www4.des.state.nh.us/IISProxy/IISProxy.dll?ContentId=4660822>

NHDES is in the process of reviewing the report, and will provide comments to Saint-Gobain once our review is complete.

## **Update on Water Line Extensions:**

### **Amherst:**

- Pennichuck continues the preparation of the design for the water line extension project, with an estimated design completion date in mid-June.
- Culligan is continuing operation and maintenance visits for point-of-entry water treatment systems installed in December 2016 and January 2017.

### **Bedford:**

- Pennichuck Corporation is working on a design of a waterline extension for 61 properties identified as being impacted by PFOA. The design work includes alternative connections to both Merrimack Village District Water and Manchester Water Works. The design effort is expected to take 12 weeks from May 9, 2017.

- Six properties on South River Road with private wells have PFOA tests above 70 ppt. The Manchester Water Works public water lines run in front of these properties. Saint-Gobain is working on having these properties connected to MWW.

#### **Litchfield:**

- All water main to for the Litchfield water system extension project has been installed at this time.
- 187 properties have been connected to date.
- Pennichuck Corporation is working on water line design for 38 additional properties in Litchfield.
- Saint-Gobain has agreed to reconnect all outside spigot(s) and/or irrigation systems, to the extent practical and feasible, to residents' private wells.

#### **Manchester:**

- Water system extension is complete

#### **Merrimack:**

- Fifteen (15) of the 21 water services have been installed to date in Merrimack.
- Saint-Gobain and MVD have agreed upon a solution for the water main extension and service to 16 Maple Street.
- Several wells to the west of Saint-Gobain have tested above 70 ppt. NHDES has requested that Saint-Gobain connect these properties to MVD.
- ***MVD Well Nos. 4 and 5 -***  
MVD and Saint-Gobain have an agreement in place for MVD to have their Engineer continue with Preliminary Engineering for implementation of a long-term treatment solution. MVD's Engineer is working through the preliminary engineering. Saint-Gobain has offered to deliver a temporary granulated activated carbon (GAC) filtration system with new GAC for their use. MVD, Saint Gobain and NHDES met on May 15 to review the current status and to discuss how to proceed. Saint-Gobain's consultants, Barr Engineering, completed their study around MVD wells 4 and 5. A copy of the report is available here: <http://www4.des.state.nh.us/IISProxy/IISProxy.dll?ContentId=4649008>

#### **Bottled Water Delivery/Availability:**

An updated list of eligible addresses, including 11 additional properties in Bedford, has been posted here: <https://www.des.nh.gov/organization/commissioner/documents/pfoa-bottledwaterareas.pdf>

Monadnock Mountain Spring Water will continue delivery of bottled water to eligible residents, however, due to the change in temperatures; they will no longer leave water outside. If regular deliveries are interrupted or if you need additional water, please contact Monadnock Mountain Spring Water DIRECTLY at (603) 654-2728. If you have any problems, please contact Andy Fulton, NHDES at (603) 271-7376 (for Bottled Water Inquiries Only).

#### **Public Inquiries**

If you have questions regarding the NHDES investigation into PFCs found in Southern NH drinking water, please call the Public Inquiry Line at (603) 271-9461 or visit <http://des.nh.gov/organization/commissioner/pfoa.htm> Also, please share this report with your interested family, neighbors or friends. Anyone interested in receiving the reports directly via email should email James Martin, NHDES Public Information Officer at [james.martin@des.nh.gov](mailto:james.martin@des.nh.gov)

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