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**TOWN OF NEWMARKET, NEW HAMPSHIRE**  
DEPARTMENT of ENVIRONMENTAL SERVICES

As you may or may not know, the State of New Hampshire recently became the first state to promulgate enforceable drinking water standards for four per- and polyfluoroalkyl substances (PFAS); Perfluorohexane sulfonic acid (PFHxS), Perfluorononanoic acid (PFNA), Perfluorooctane sulfonic acid (PFOS), and Perfluorooctanoic acid (PFOA). These health based standards set the drinking water maximum contaminant level (MCL) for each contaminant as follows:

PFAS Contaminant	MCL (mg/L)
PFHxS	0.000018 (18 ng/L or parts per trillion (ppt))
PFNA	0.000011 (11 ng/L or ppt)
PFOS	0.000015 (15 ng/L or ppt)
PFOA	0.000012 (12 ng/L or ppt)

Here are a few things to know as the new rules are implemented.

1. The rules apply to all community and non-transient/non-community public water systems (NOT transient water systems)
2. Initial PFAS monitoring will start in the 4<sup>th</sup> quarter of 2019 and continue for four ***consecutive*** quarters (don't miss a quarter or you will have to start again!).
3. If the first two quarters of initial monitoring results show no detection, you may request that the remaining two quarters of initial sampling be waived.
4. PFAS monitoring schedules will be added to your master sampling schedule prior to the beginning of the 4<sup>th</sup> quarter, October 1, 2019. We will send another email notifying you when this is done.
5. In most instances, the samples will be taken at the entry points to the distribution system (the same sites that you take your VOC, SOC, & Rad samples).  
Exception: if your water is being treated by a carbon filter, the sample site may be before the filter.
6. Any sampling done voluntarily prior to the rules going into effect cannot be used.

7. Systems should check with their laboratory in advance to make sure that the lab is accredited for all four PFAS compounds or is sub-contracting with a laboratory that is. As with all sampling, the lab must report the results to DES electronically. FYI – **At this time the State Lab will NOT be accepting PFAS samples for analyzing or contracting out.**

8. Initial compliance will be based on the running annual average of all samples taken in a year’s timeframe.

For systems with elevated results, compliance may be calculated and determined prior the completion of the initial monitoring round.

9. After the initial monitoring period is complete, the future sampling frequency will be based off the results.

- If results are greater than an MCL or your system is treating for a PFAS, you will be required to sample quarterly.
- For all other results, the future sampling frequency will be as follows;

Average Monitoring Result	Sample Frequency
Greater than 50% of MCL to 100% of MCL	Annually
50% of MCL or less	Once every 3 years

10. Those systems where the future sampling frequency is annually or once every three years, future PFAS monitoring will be scheduled for the quarter that the highest level PFAS was detected.

**The Town has tested for PFAS contaminants and no detection was found at the Bennett, Sewell, or MacIntosh wells.**