

## New Jersey Regulatory Update



---

KRISTIN TEDESCO  
BUREAU OF SAFE DRINKING WATER  
OCTOBER 2016

## New Jersey Rule Process

---

- ◆ Stakeholder Process
- ◆ Proposal published in NJ Register
- ◆ Public hearings and comment period
- ◆ Adoption within one year
- ◆ Effective Date noted upon publication

## Outreach

---

- ◆ Health Departments
- ◆ Water Systems
- ◆ Operators
- ◆ Well Drillers
- ◆ Laboratories
- ◆ Engineering Community
- ◆ Professional Organizations
- ◆ Internal Groups

## Revised Total Coliform Rule

---

NJ SAFE DRINKING WATER ACT N.J.A.C. 7:10

## Rule Timeline

---

- Stakeholder Meetings: Summer 2014
- Proposal publication anticipated November 2016
- 60 Day Comment Period
- Adoption anticipated in 2017

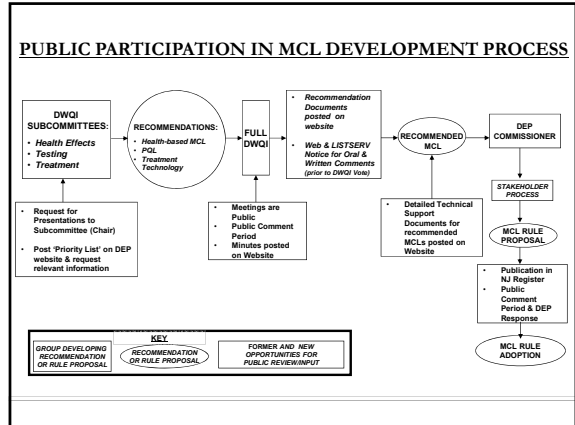
## Proposed Amendments

---

1. Seasonal water system start-up procedures
2. Required contents of assessment forms
3. Qualifications of individuals approved to conduct Level 2 assessments
4. Extension of the 24-hour time frame for collecting repeat samples

# MCL Development

NJ SAFE DRINKING WATER ACT N.J.A.C. 7:10



## Perfluorinated Compounds

### PFNA

- EPA MRL = 0.020 ug/L or 20 ng/L
- Detected in 7/1456 samples (0.5%); 4/175 systems (2%)
- No EPA Reference concentration
- Groundwater standard = 0.01 ug/L
- DWQI MCL recommendation (2015)= 13 ng/L
  - 7 samples, 4 systems

## Perfluorinated Compounds (cont.)

### PFOA

- EPA MRL = 0.020 ug/L or 20 ng/L
- Detected in 81/1456 samples (5.6%); 18/175 systems (10%)
- EPA Draft HA = 70 ng/L (combined PFOA+ PFOS)
  - 1 sample above 70 ug/L; 6 systems PFOA+PFOS>70 ug/L
- DEP Draft Guidance (2007) = 40 ng/L
  - 13 samples, 7 systems
- DWQI Draft HB recommendation (2016)= 14 ng/L
  - 81 samples, 18 systems

## Perfluorinated Compounds (cont.)

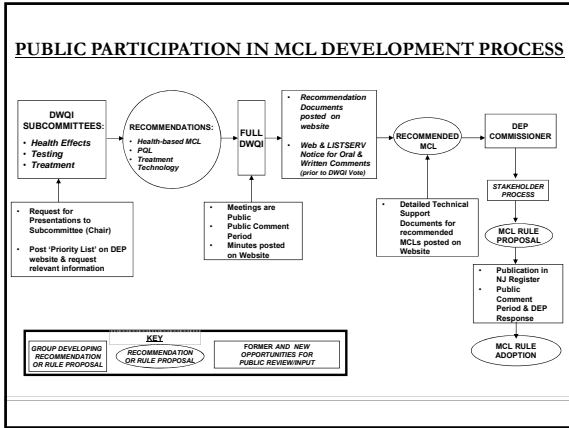
### PFOS

- EPA MRL = 0.040 ug/L or 40 ng/L
- Detected in 12/1456 samples (0.8%); 5/175 systems > MRL (3%)
- EPA Draft HA = 70 ng/L (combined PFOA+ PFOS)
  - 1 sample
- DWQI work is ongoing; recommendation for MCL is expected in 2017.

## Other Contaminants

### 1,2,3 – Trichloropropane

- DWQI Recommended MCL (2009 & 2016) = 0.03 ug/L
- MRL = 0.03 ug/L
- 2/174 systems > MRL



# PWTA Development

PRIVATE WELL TESTING ACT N.J.A.C. 7:9E

### PWTA Observations

- ◆ Piedmont – both radium & uranium
- ◆ Highlands – more uranium rich than Piedmont
- ◆ Identifying the radionuclide is necessary for proper treatment
- ◆ Anion exchange removes uranium while cation exchange removed radium

### PWTA Observations

- ◆ North – Does not test for gross alpha or uranium
- ◆ Hunterdon, Mercer, Middlesex – test for gross alpha but not uranium
- ◆ South – Tests for gross alpha but not arsenic

### PWTA Observations

- ◆ Not all MCLs are included
- ◆ New MCLs

## What is the role of the certified labs?

## How can you help?

---

- ◆ Attend stakeholder meetings, as applicable
- ◆ Reach out to NJDEP with email/phone inquiries
- ◆ Provide cost information
- ◆ Communication and transparency
- ◆ Answer any NJDEP survey monkey

**Don't Be Shy**

## Timing is everything. . .

---

- ◆ MCL considerations:
  - ◆ What labs are currently certified?
  - ◆ What water systems will be required to test?
  - ◆ Is there lab capacity for that contaminant?
  - ◆ Should the implementation be delayed or phased in?



Questions?  
[kristin.tedesco@dep.nj.gov](mailto:kristin.tedesco@dep.nj.gov)  
609-292-5550 (phone)  
609-292-1654 (fax)  
[www.nj.gov/dep/watersupply](http://www.nj.gov/dep/watersupply)