

Home About Us ▾ Publications & Presentations ▾

PFAS Sites and Community Resources PFAS-TOX Database Resources ▾



# PFAS Project Lab

Northeastern University

## THE PFAS PROJECT LAB

Studying Social, Scientific, and Political Factors of Per- and Polyfluoroalkyl Substances

HOME

ABOUT US ▾

PUBLICATIONS & PRESENTATIONS ▾

PFAS SITES AND COMMUNITY RESOURCES

PFAS-TOX DATABASE

RESOURCES ▾

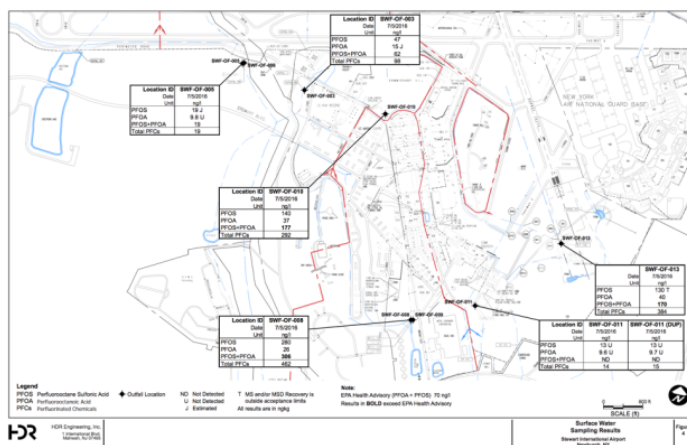
# Newburgh, New York

Suspected contamination source:  
Firefighting foam used at Stewart Air  
National Guard Base ([AP, 2016](#))

In 2014, PFOS was detected in Lake

[PFAS SITES AND  
COMMUNITY  
RESOURCES MAP](#)

Washington, the city’s drinking water supply, at 170 ppt, below the 400 ppt limit then recommended by the U.S. Environmental Protection Agency. When the EPA set a new level of 70 ppt for short-term exposure in May 2016, the city manager declared an emergency (AP, 2016). The source of contamination was determined to be PFOS-containing firefighting foam used at Stewart Air National Guard Base for training and emergency purposes. The state stepped in to assist with and fund the city’s hookup to the Catskill Aqueduct for a longer term, temporary water source amid the design and construction of a filtration system, which it also will fund. The filtration system was due to be running in the fall of 2017 (Dunne, 2016).



“The City’s new 1.2M-gallon above-ground contact tank was put into service on February 17, 2017 allowing for the demolition of the former 1.0M-gallon clear



## PFAS NEWSLETTER

Join the mailing list to receive updates in PFAS science, regulation, and activism

## JOB POSTINGS

Northeastern University: Student Job Opportunity

Postdoctoral Position- Social Scientist for Transdisciplinary Environmental Health- Social Science Team

## FEATURED POSTS

The PFAS-Tox Database: A Systematic Evidence Map of Health Studies

well, and start of the GAC treatment system construction. Construction of the GAC treatment system has progressed rapidly. Eighteen 40,000-pound carbon vessels were delivered to the site and set in the new GAC treatment building by mid-July 2017 and the building was completed by mid-October. Work is in the final stages on piping, electrical, mechanical, control systems and auxiliary systems, many of which are completed. The GAC system shake-down period began January 5, 2018 using Catskill Aqueduct water to break-in the carbon vessels and refine operating procedures; flushing and break-in is anticipated to continue through the end of February.” ([NY DEC](#))

State officials launched an ambitious effort to offer blood tests to Newburgh’s 28,000 residents in 2016. The State Department of Health’s Director Dr. Nathan Graber later clarified that the free blood testing would not be confined solely to City of Newburgh residents, but anyone who was likely exposed to PFOS.

In response to the water crises in Hoosick Falls and Petersburg, and upon the recommendation of the DOH, the DEC instituted an Emergency Rulemaking

## **on 29 Per- and Polyfluoroalkyl Substances**

*by Katherine E. Pelch, Anna Reade, Carol F. Kwiatkowski, Francheska M. Merced-Nieves, Haleigh Cavalier, Kim Schultz, Taylor Wolffe, and Julia Varshavsky*

## **State Messaging on Toxic Chemical Exposure: Per- and Polyfluoroalkyl Substances and the Individualization of Risk on State Websites in the United States**

*by Alissa Cordner, Phil Brown, Martha Powers, and Helena Zindel*

## **The True Cost of PFAS and Benefits of Acting Now**

*by Alissa Cordner et al.*

## **Improved Medical Screening in PFAS-Impacted Communities to Identify Early Disease**

*by Alissa Cordner, Phil Brown, and*

officially declaring that PFOS is a hazardous substance. The change in state law, which took effect on April 25, 2016, allows the DEC to regulate the handling and storage of PFOS and it also allows the state to remediate contaminated sites under NY superfund law.

### PFOS at Stewart Air National Guard Base

Soil: 0 – 5,620 ppt

Groundwater Monitoring Wells: 0 – 3,160 ppt

Surface Water: 60 – 5,900 ppt

Lake Washington: 243 ppt

Silver Stream: 0 – 12 ppt

### Additional Resources

- [2016 PFOS Contamination Water Crisis Update – City of Newburgh](#)
- [PFOS in Drinking Water in Newburgh Area](#)
- [Newburgh Drinking Water Crisis](#)
- [Exposure and health survey](#)
- [Stewart Air National Guard Base Superfund Site Description](#)

*Isabella Raponi*

### **COVID-19 as Eco-Pandemic Injustice: Opportunities for Collective and Antiracist Approaches to Environmental Health**

*by Martha*

*Powers, Phil Brown,*

*Grace Poudrier, Jennifer*

*Liss Ohayon, Alissa*

*Cordner, Cole Alder, and*

*Marina Goreau Atlas*

---

### MAPPING CONTAMINATION SITES

---

PFAS Exchange Map

Australian PFAS

Chemicals Map (not affiliated with SSEHRI)

Environmental

Working Group (EWG)

Contamination Map

---

### SSEHRI IN THE NEWS

**Bloomberg**

**Law: Drought Exposes**

**'Canary in This Coal**

- [Newburgh: DEC and DOH Timeline of Activities](#)
- [Stewart International Airport PFAS Sampling Report 2016](#)

#### Media Coverage:

- [2016: A Look Back At Newburgh PFOS Water Contamination](#)
- [Contaminated water scare hits Newburgh, New York](#)
- [View recent Newburgh news here](#)
- [Newburgh residents fear health effects of toxic water](#)

Full citations are available on the second page of the [full contamination site tracker](#). We ask for your additions, changes, questions and comments be sent to [pfasproject@gmail.com](mailto:pfasproject@gmail.com).

*Mine' of PFAS in Well Water* featuring Alissa Cordner

**News@Northeastern:**  
*Are There Toxic Chemical Sites Near You? This New Tool Can Help You Find Out* featuring Phil Brown and Alissa Cordner

**Northeastern University College of Engineering:** *Vasharsky To Manage the New PFAS-Tox Database at Northeastern* featuring Julia Vasharsky

**The Provincetown Independent:** *PFAS Testing of Wells in Truro and Wellfleet Set to Begin* featuring Phil Brown

---

CHECK US OUT ON TWITTER!

### Tweets from @PFASProject

 PFAS Project Lab Retweeted

Massach... 

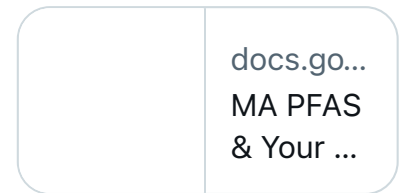
@... · Feb 7

#Hyannis and #Ayer are part of this national @CDCgov study to better understand how #PFAS chemicals can affect our health

If you've lived in Hyannis and Ayer, you may be eligible!

To learn more [bit.ly/ma-pfas-info](https://bit.ly/ma-pfas-info)

- [@TownOfAyer](#)
- [@BarnstableMA](#)
- [@SilentSpringIns](#)
- [@mbccprevention](#)



Reply icon, Heart icon 2, Info icon

PFAS Project Lab Retweeted

**Zahra ...**   
@... · Feb 2

I have bad news about your raincoats. They likely have toxic PFAS chemicals in them.

Some companies are racing to ditch PFAS. Others, well, are dragging their feet. My deep dive w/[@livrockeman](#) [@climate](#). Read for \*free\* here:

bloomberg.com

The Race to Waterproof  
Your Outdoor Gear — ...

 2  95



[View more on Twitter](#)

---

**SEE WHAT YOU  
MISSED!**

---

Next National PFAS  
Conference Postponed  
to June 2022

2019 National PFAS  
Conference at  
Northeastern  
University

- Videos
- Presentations



**© 2023 THE PFAS PROJECT LAB**