

The GenX Exposure Study

PFAS

a group of over 5,000 human-made chemicals

GenX

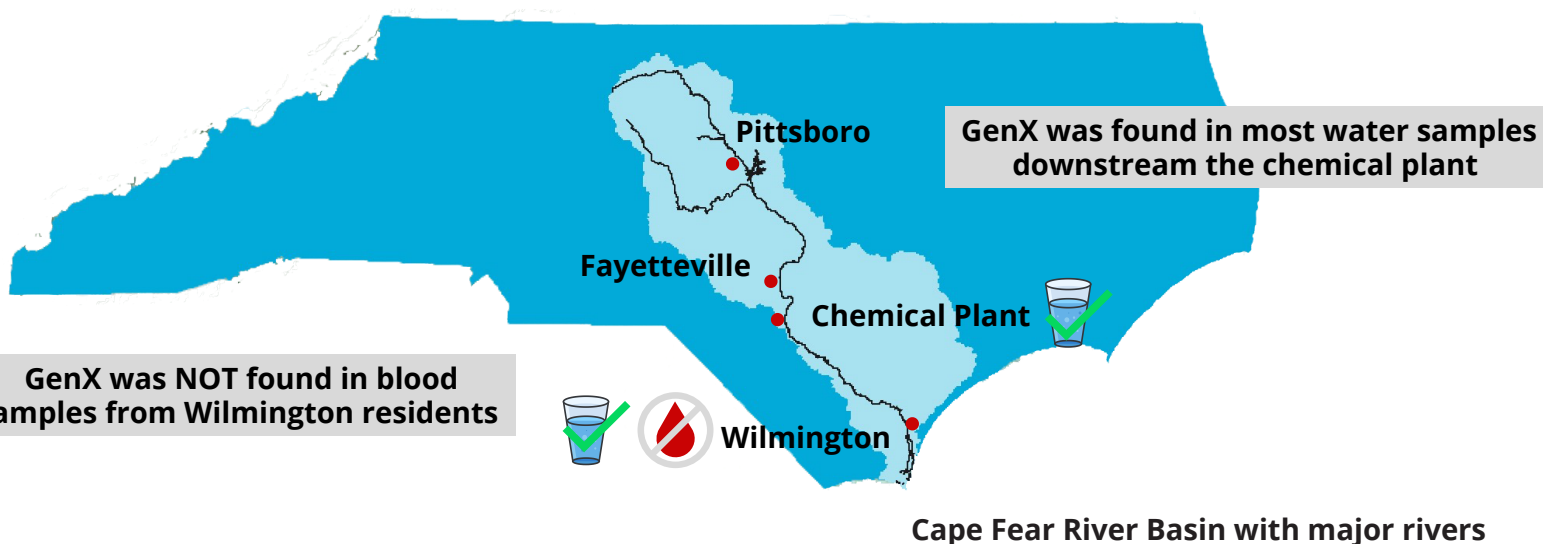
PFOA

PFOS

In 2016, GenX and PFAS chemicals were found in drinking water in Wilmington, NC.

A chemical plant near Fayetteville, NC had been releasing GenX and other PFAS chemicals into the Cape Fear River upstream of Wilmington, NC since 1980.

In 2017, researchers at NC State began the GenX Exposure Study. They collected water and blood samples from Wilmington and Fayetteville residents and tested the samples for PFAS, including GenX.



The researchers found 3 new PFAS and higher levels of known PFAS (including PFOA and PFOS) in the blood of most Wilmington residents.

In 2018, GenX levels decreased in water and GenX was NOT found in the water of most homes. Most likely because NC started to control the chemical plant's release of PFAS into the Cape Fear River.

However, PFAS are still in the blood of residents along the Cape Fear River.

What's next?

The GenX Exposure Study is ongoing. Next steps are to...



Recruit people from Wilmington and Brunswick County, Fayetteville, and Pittsboro.



Understand the health effects of 40 years of PFAS exposure.