

PFAS in Kent County

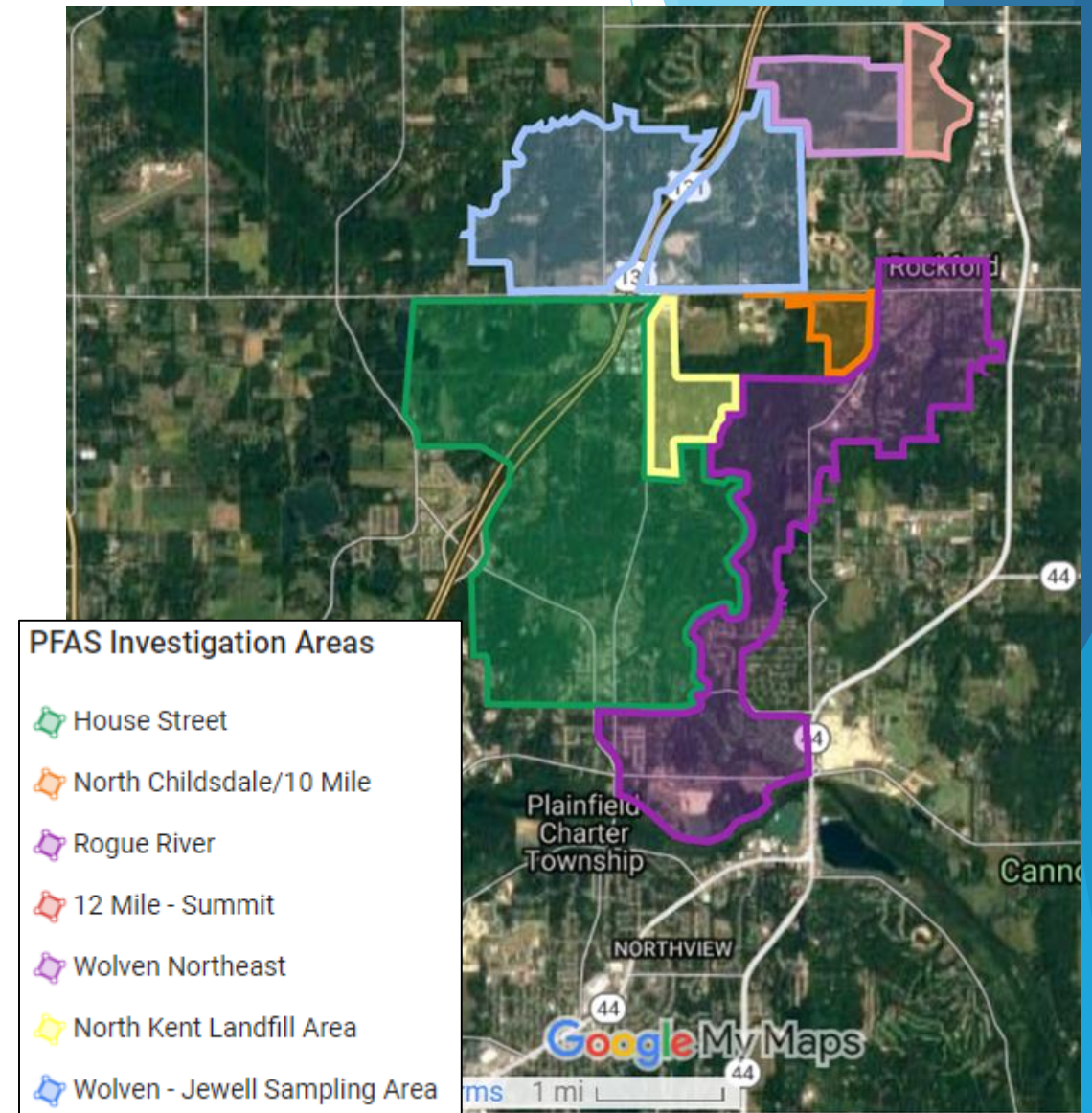
Karla Black

Emergency Preparedness Coordinator



Our Situation

- ▶ Wolverine Worldwide
- ▶ Private Wells in Northern Kent County
- ▶ Two Pieces of the Puzzle
 - ▶ Environmental Investigation
 - ▶ Health Investigation



Results

	Wolverine	DEQ	Kent DPW
Non-Detect	781	11	37
<70 ppt	586	26	4
70 - 100 ppt	24	2	
100 -1,000 ppt	69	2	
1,000 - 10,000 ppt	12		
>10,000 ppt	8		

Highest concentration: 62,200 ppt

Public Information

- ▶ Community Meetings
- ▶ Press Releases
- ▶ Website
- ▶ Newsletters
- ▶ 211



News Update

September 22, 2017

Update on Groundwater near House Street in Belmont

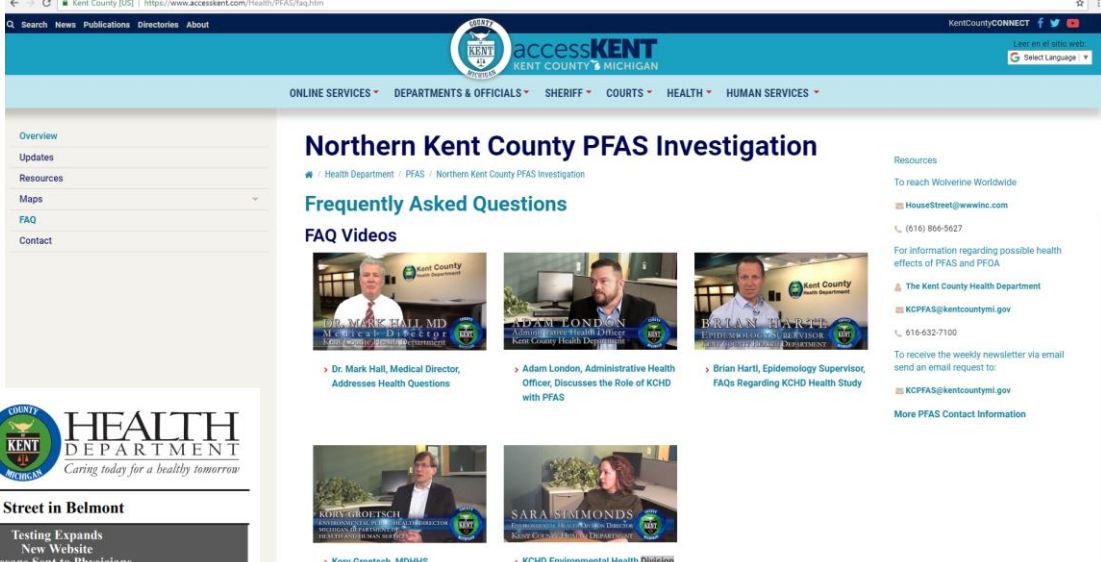
LATEST NEWS

Testing Expands
New Website
Message Sent to Physicians
Buyer Beware
PFAS Timeline

Testing to be Performed in Expanded "Buffer Zone"
 On Wednesday September 20, Rose and Westra GZA (R&W) the environmental engineering and consulting firm working for Wolverine Worldwide (WWW) informed the Kent County Health Department (KCHD) that a new zone had been established for water testing. According to R&W vice president, Mark Westra, WWW has agreed to pay for the testing of approximately 200 additional homes in the expansion area now known as the "Buffer Zone." The company is also offering bottled water for those residents. You can view the map of the "Buffer Zone" by [clicking here](#). R&W says the creation of the new zone was done by the Michigan Department of Environmental Quality (MDEQ) based on public input and further technical analysis.

New Website
 KCHD is now offering a website that will allow people to access information regarding the ongoing PFAS and groundwater situation near the House Street Site. The website, <https://www.accesskent.com/Health/PFAS/belmont.htm>, will contain all of the information, news releases, maps and newsletters that are communicated with residents. In addition to new content, the website will serve as a resource for finding previously communicated information. This website will eventually provide links to the site now under construction by MDHHS and MDEQ. While the KCHD site will hold information from other agencies, its main purpose is to give you access to the public health communications from KCHD.

Clinical Guidance Sent to Area Physicians
 On Wednesday September 20, 2017 KCHD sent PFAS Clinical Guidance information to Kent County health care providers. The communication to physicians will provide background information and help prepare doctors and clinicians for questions from people who live in the area. It also provides links to clinical information. If your provider did not receive the information have them contact KCHD or you may provide it to them. You can view that document by [clicking here](#).



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Northern Kent County PFAS Investigation

Health Department / PFAS / Northern Kent County PFAS Investigation

Frequently Asked Questions

FAQ Videos



Dr. Mark Hall, Medical Director, Addresses Health Questions



Adam London, Administrative Health Officer, Discusses the Role of KCHD with PFAS



Brian Hartl, Epidemiology Supervisor, FAQs Regarding KCHD Health Study



Kory Groetsch, MDHHS



KCHD Environmental Health Division

Resources

To reach Wolverine Worldwide:
 HouseStreet@wwinc.com
 (616) 866-5627

For information regarding possible health effects of PFAS and PFOA:
 The Kent County Health Department
 KCPFAS@kentcountymi.gov
 616-632-7100

To receive the weekly newsletter via email send an email request to:
 KCPFAS@kentcountymi.gov

More PFAS Contact Information



Challenges

- ▶ Well permitting
- ▶ FOIA
- ▶ Information Flow
- ▶ Time



Health Effects Study

- ▶ Cancer incidence
- ▶ Biomonitoring
- ▶ Further studies
 - ▶ Medical records
 - ▶ Interviews



Biomonitoring

- ▶ Study Design
 - ▶ Who will be recruited?
 - ▶ Data Security
- ▶ Questionnaire
- ▶ Blood Draws
- ▶ Water Sampling
- ▶ Analysis
- ▶ Public Information

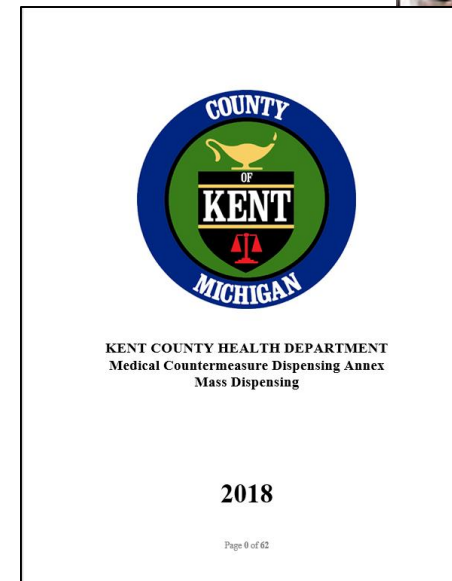
Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) Exposure Assessment Technical Tools

Centers for Disease Control and Prevention (CDC)
Agency for Toxic Substances and Disease Registry (ATSDR)

May 2017

“POD in Reverse”

- ▶ “Taking instead of giving”
 - ▶ Surveys
 - ▶ Weight
 - ▶ Blood
- ▶ Strengths
 - ▶ POD planning
 - ▶ Exercising
 - ▶ Time frame
- ▶ Challenges
 - ▶ IRB Process
 - ▶ Staffing non-traditional roles
 - ▶ People don’t know what we can do!



What has helped us...

- ▶ Intra-department relationships
 - ▶ Previous responses
 - ▶ Planning
 - ▶ Project Public Health Ready
- ▶ External Partners
 - ▶ Corporate Counsel
 - ▶ 211
 - ▶ Staffing company



r3i. Foodborne and waterborne outbreak surveillance, investigation, and control.

r3ii. Vector surveillance for vector-borne disease control.

r3iii. Food safety.

r3iv. Drinking water supply and safety.

r3v. Sanitation.

r3vi. Waste water.

r3vii. Solid waste management.

r3viii. Hazardous waste management.

r3ix. Air quality.

r3x. Radiation exposure response, including population monitoring.

r3xi. Chemical or toxic release control and clean-up.

Thank you!

Karla Black

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www.accesskent.com/Health/PFAS

616-632-7242

