

PFAS Weekly Update to LHD Advisory Committee September 7, 2018

Site Highlights

1. **Bronson/St. Joseph River –**
 - Branch Hillsdale St. Joseph Community Health Agency (BHSJCHA) reached out to MDHHS to learn more about the issues; convened a conference call between LHD, DEQ, and MDHHS on August 31.
 - Wastewater Treatment Plant (WWTP) effluent was 150 ppt PFOS.
2. **Camp Grayling –**
 - Another resident in the area with PFOA+PFOS at 70ppt and total PFAS at 220ppt. DHD10 contacted the resident and is following up on filters.
3. **Carl's Retreading –**
 - Results received after close of business on August 31. Detections of PFAS, no exceedances. Will compare to ATSDR EMEGs.
 - Discussed results and next steps with Grand Traverse Health Department and DEQ on September 4. Double-checking on decision tree and public health action plan. 9 of 26 residential private wells have PFAS detection. None of them exceed 70 ppt. The highest PFAS was 36 ppt.
 - On September 5, meeting with LHD and MDHHS to discuss the decision tree.
 - On September 6, MDHHS agreed with GTHD on a precautionary approach for Carl's Retreading. So far, there is no immediate health concern. However, further investigation is needed to know that these numbers won't be higher in the future. As a precautionary approach we recommend bottled water and filters to the residents with PFAS detection while further investigation/monitoring occurs. As monitoring results come in we will continue our discussion to determine further recommendations on the need for alternative water.
4. **Coldwater Road Landfill (Genesee Co.) –**
 - Representative residential wells (~10) sampled in the week of September 4
5. **East 40th St, Holland –**
 - DEQ, responsible party, and LHD met on-site September 6. Unclear if there may be potentially impacted residential wells and how many; DEQ team to investigate further (1/2 or 1-mile radius), working with Allegan County Health Department and Ottawa County Health Department.
6. **K.I Sawyer AFB –**
 - Per August 28 Regional Team Leads call, USAF reportedly is planning on sampling 3 residential wells. Additional monitoring wells are being planned downgradient of the residential well that had exceedance. USAF meeting with property owners to gain physical access for drilling. Plan for sampling residential wells will occur only if these monitoring wells are at risk.
7. **Muskegon County Airport –**
 - 24 residential wells sampled as of August 27.
 - DEQ requests that the County conduct an initial soil investigation for PFAS at the four fire-training areas. This includes an adequate number of near-surface soil samples to determine

if PFAS is present and identify any potential source. Soil sampling scheduled for September 7.

- DEQ faces roadblock with potential house at risk that denied sampling. DEQ and Public Health Muskegon County to follow-up.
- Public Health Muskegon County experiencing high call rate regarding Egelcraft mobile home park with total PFAS at 49 ppt and PFOA+PFOS at 26 ppt. No alternate water has been provided and based on groundwater flow to N or NW, seems to be dissociated from the site (between the airport and the landfill). Since a community water supply, DEQ recommends that the water supply monitors quarterly.

8. Muskegon County Landfill (LF) & Wastewater Treatment Plant (WWTP) –

- Groundwater flow direction toward the NW and SW. DEQ plans to sample monitoring wells outside the landfill, in the direction of groundwater flow and collect surface water samples from the lagoon and the interception ditch. Need to follow-up on timeline.
- Maple Island Estates mobile home park (MHP) has not yet been sampled. MHP has a community water supply (CWS) with 2 Type I wells and is to the NW of the landfill.
- Egelcraft MHP is far west of the site has 26 ppt of PFOA+PFOS. No alternate water has been provided and not certain if it is associated with the landfill/wastewater treatment plant.

9. Chemours Montague (NEW) –

- DEQ's Part 201 requires that the groundwater concentrations must not exceed 70ppt for PFOA+PFOS. As a part of this criterion, Chemours, inactive now (closed circa late 90s), once manufactured Freon. It has a WWTP that treats purged well water that is discharged through a national pollutant discharge elimination system (NPDES) outfall into Lake Michigan.
- AECOM, on behalf of Chemours, sampled 9 existing monitoring wells closer to the former waste units on August 22 which includes a background sample, 7 samples downgradient of the waste sites and an NPDES outfall before it discharges into Lake Michigan. DEQ audits the sampling as part of their Hazardous Waste Program.

10. Ford Airport –

- Airport has received 14 residential well sample results back – 13 are non-detect and one contained perfluorohexanoic acid at 5.45 ppt and perfluorobutanesulfonic acid at 6.43 ppt.
- MDHHS staff attended Thornapple River Association Public meeting on September 5. Some residents concerned that Airport is not reporting results of residential well sampling to the general public. The airport reiterated their position that they are concerned with maintaining privacy for the residents.

11. Huron River Watershed / Ann Arbor Water Treatment Plant –

- A community meeting is being tentatively scheduled for October 4 at 7 pm between the Huron River Watershed Council, Milford, DEQ, and MDHHS.
- Draft translations for the Huron River Eat Safe Fish signs are in. Signs will be sent for approval and production as soon as final translations are completed.

12. Otsego (Dioxin-related) –

- MDHHS responded to the Allegan County Emergency Operations Center on September 1 and provided toxicological and health education support. MDHHS created a notification letter to residents, FAQ, and edited the press release, and talking points. MDHHS scheduled and participated in an agency meeting to identify steps moving forward working through the Incident Action Plan (IAP) with Allegan County Health Department, DEQ, MDARD, and EPA. MDHHS is completing on the draft results letters and mailing process that will provide the

- results to residents once the additional data is received for 15 other dioxins/furans and 12 dioxin-like PCBs (expect next week).
- Provided budget guidance to Allegan County.
 - Provided Mark Johnson with ATSDR with an update on the investigation.

Upcoming Meetings

September 12, 2018 - MALEHA/MALPH Schools and PWS

September 13, 2018– Genesee Co PFAS sites

September 13, 2018– (tentative) Huron Watershed presentation to Metroparks Board

October 4, 2018 – Huron River Watershed Council

October 10, 2018 – KI Sawyer AFB – RAB

TBD - (beginning of Sept) Municipal briefing for Alpena CRTC

TBD – Selfridge ANG

TBD – Discuss Communication Protocols and MDEQ MOU

TBD – (Fall 2018) - Presentation of the review of cancer incidence data and exposure assessment in selected areas of Northern Kent County to the community in Kent County as part of a Kent County public meeting