

MPART Citizens Advisory Workgroup

May 12, 2020

Agenda

- Welcome and Webinar Instructions – 5 min
- PFECCHS - Perfluoro-4-ethylcyclohexanesulfonate – 15 min
- Survey – 10 min
 - Subcommittee
 - April Meeting Summary Approval
- MPART Updates – 30 min
 - MCL Status
 - Plan for rolling out new sites
 - MPART Workgroup Webpages
- Next Steps – 10 min
- Community Sharing Round Robin – 15 min

Citizens Advisory Workgroup Members

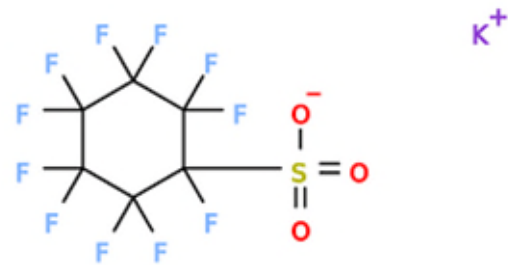
LIST OF MEMBERS AS OF JANUARY 7, 2020 (BY COUNTY)

| COUNTY | CITY/TOWNSHIP | NAME | COUNTY | CITY/TOWNSHIP | NAME |
|----------------|---------------|--------------------|------------|---------------------|---------------------|
| Allegan | Otsego | Gale Dugan | Livingston | Brighton | Robert Potocki |
| Allegan | Otsego | Pam McQueer | Livingston | Whitmore Lake | William Creal |
| Grand Traverse | Traverse City | David Lipscomb | Macomb | Shelby Township | David Winn |
| Ingham | East Lansing | Lea Dyga | Menominee | Menominee | Daniel Burlingame |
| Ingham | Williamston | Kate Gislason | Montcalm | Pierson | Daniel Buyze |
| Iosco | Oscoda | Aaron Weed | Muskegon | Muskegon | Matthew Farrar |
| Kent | Ada | A. J. Birkbeck | Oakland | Milford | Christina Schroeder |
| Kent | Belmont | Jennifer Carney | Oakland | Northville | Gary Pettyjohn |
| Kent | Belmont | Sandy Wynn-Stelt | Oakland | Troy | Tony Spaniola |
| Kent | Comstock Park | Renae Mata | Ottawa | Grand Haven | Jeffery Dutton |
| Kent | Grand Rapids | Patti Baldwin | Saginaw | Carrollton Township | Shellene Thurston |
| Kent | Rockford | Kenneth Harvey | Washtenaw | Ann Arbor | Daniel Brown |
| Kent | Rockford | Lynn McIntosh | Wayne | Detroit | Theresa Landrum |
| Livingston | Brighton | Elizabeth Hauptman | Wayne | Grosse Pointe Farms | Connie Boris |
| | | | Wexford | Cadillac | William Barnett |

**As it appears on the Citizen's Advisory Workgroup webpage.*

PFECHS

Perfluoro-4-ethylcyclohexanesulfonate



What is it?

- Perfluoro-4-ethylcyclohexanesulfonate has been primarily used as an additive in aircraft hydraulic fluid formulations that are designed to inhibit erosion (wear) and prevent fires in hydraulic systems.



Why we care?

- The use of these hydraulic fluids in commercial aircraft was identified as a likely source of this compound in surface waters and fish in the Great Lakes of North America; PFECHS contamination is now being reported internationally.



What about the military?

- Skydrol was never adopted into widespread military use as it was incompatible with existing military hydraulic fluids and the materials (seals) used in the hydraulic systems.



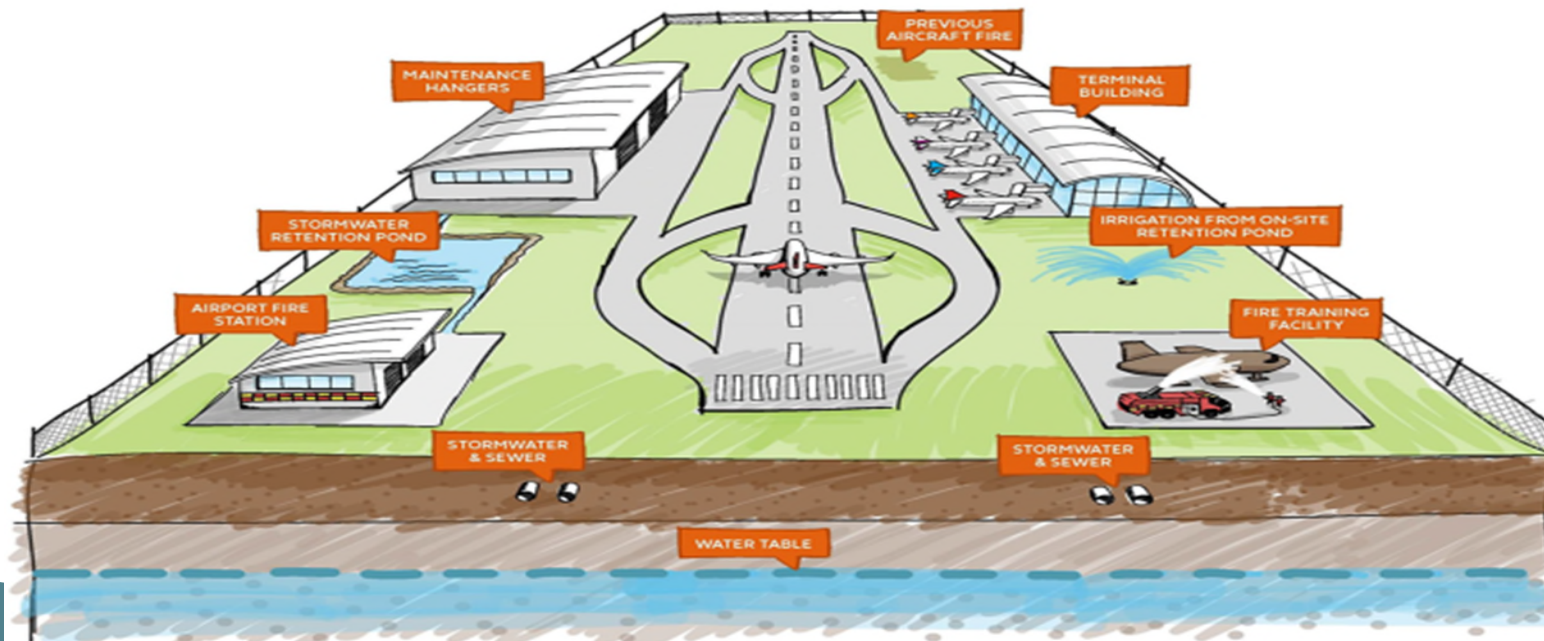
Where has it been found?

- Hamilton International Airport, Ontario
- Beijing International Airport
- St. Lawrence River
- Canadian High Arctic-Devon Ice Cap and Resolute Bay, Nunavut
- North and Baltic Seas, Europe
- All Great Lakes



How did it get there?

- Aerial deposition from aircraft?
- Runoff from airport runways, taxiways?
- Maintenance shops and hangars?



What is MPART doing about PFECHS?

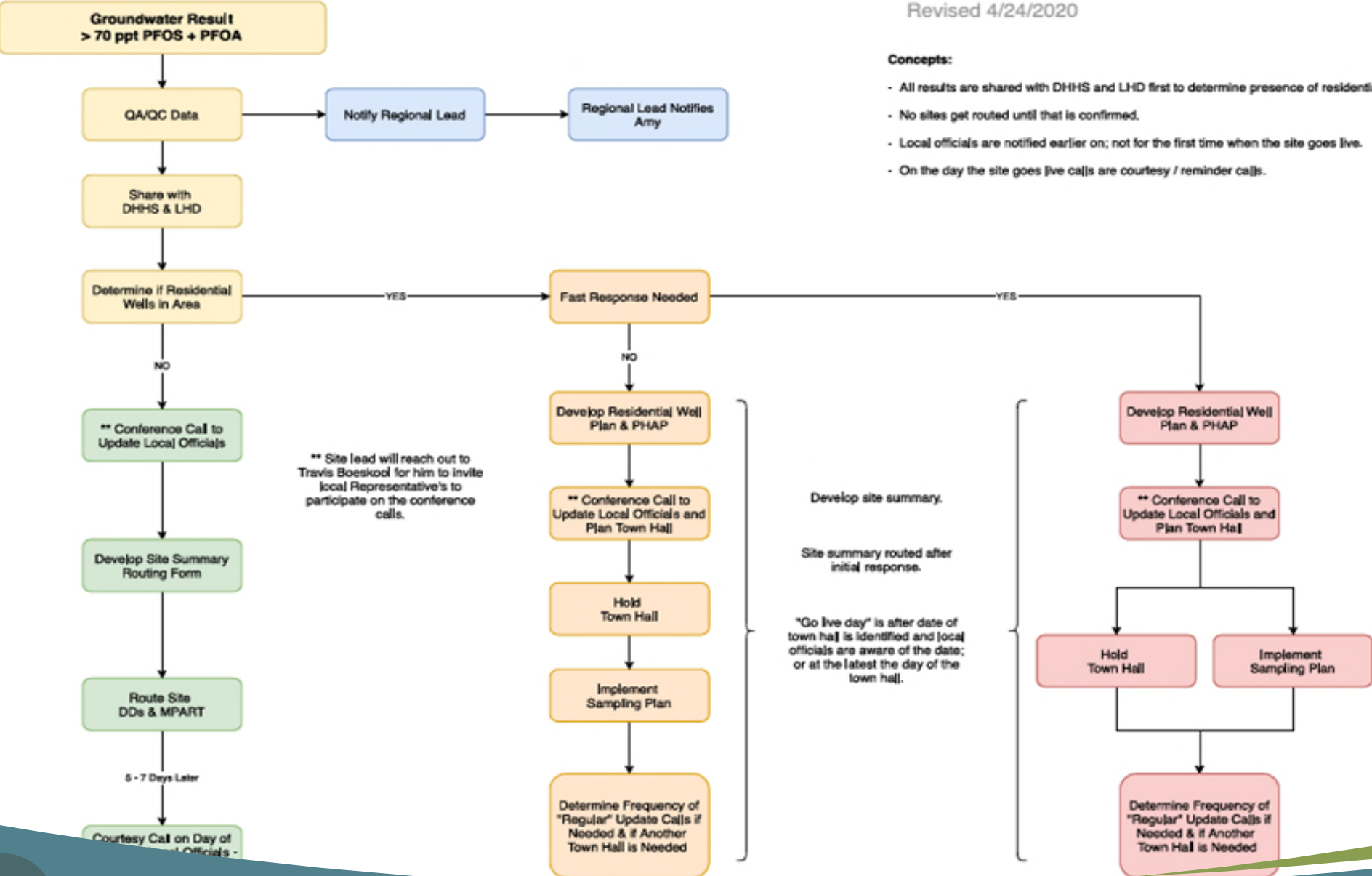
- A referral will be made to the Human Health Workgroup
- Coordinating with partner states
- MDHHS lab is validating method for PFECHS
- Most commercial labs are unable to analyze

Questions?

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Remediation and Redevelopment Division, Saginaw Bay District Office
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Expanded Universe

- New Groundwater Investigations
 - Sites exceeding pending groundwater criteria
 - 37 + 2
 - Areas surrounding public water supplies exceeding proposed MCLs
 - 28



Concepts:

- All results are shared with DHHS and LHD first to determine presence of residential wells.
- No sites get routed until that is confirmed.
- Local officials are notified earlier on; not for the first time when the site goes live.
- On the day the site goes live calls are courtesy / reminder calls.

** Site lead will reach out to Travis Boeskool for him to invite local Representative's to participate on the conference calls.

Develop site summary.
Site summary routed after initial response.

"Go live day" is after date of town hall is identified and local officials are aware of the date; or at the latest the day of the town hall.

Considerations

- Prioritization
 - Public health
 - Not all will require an investigation of private wells
 - Hydrogeology and contamination at some locations is well defined
 - Many don't have a high strength source
- Resources
 - Staff
 - Funds
- Messaging

Public Awareness en Mass Considerations

- Pre-recorded introduction available on web
 - MPART
 - PFAS 101
 - Health effects
- Briefing Legislators/Local Officials
- Individual site writeups on the web
- MPART GovDelivery

Next Steps

- Public Advocate Web Presents Feedback
- DHHS Update
- Topical Workgroup Review
 - Are they written clear for public understandability
 - Any unanswered questions
- Subcommittee Focus
- Future meetings
 - June 9, 2020
 - July 14, 2020

Community Sharing Round-Robin



UPDATES



ANNOUNCEMENTS



QUESTIONS

MICHIGAN PFAS ACTION RESPONSE TEAM (MPART)

www.Michigan.gov/PfasResponse



MICHIGAN DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY

