

# MPART Citizens Advisory Workgroup

---

September 8, 2020

# Updated Members List

County	City	Name
<b>Allegan</b>	Otsego	Gale Dugan
<b>Allegan</b>	Otsego	Pam McQueer
<b>Grand Traverse</b>	Traverse City	David Lipscomb
<b>Ingham</b>	East Lansing	Lea Dyga
<b>Ingham</b>	Williamston	Kate Gislason
<b>Iosco</b>	Oscoda	Aaron Weed
<b>Kalamazoo</b>	Kalamazoo	Brandi Crawford-Johnson
<b>Kent</b>	Ada	A.J. Birkbeck
<b>Kent</b>	Belmont	Jennifer Carney
<b>Kent</b>	Belmont	Sandy Wynn-Stelt
<b>Kent</b>	Comstock Park	Renae Mata
<b>Kent</b>	Grand Rapids	Patti Baldwin
<b>Kent</b>	Rockford	Kenneth Harvey
<b>Kent</b>	Rockford	Lynn McIntosh

County	City	Name
<b>Livingston</b>	Brighton	Elizabeth Hauptman
<b>Livingston</b>	Brighton	Robert Potocki
<b>Livingston</b>	Whitmore Lake	William Creal
<b>Macomb</b>	Shelby Twp	David Winn
<b>Menominee</b>	Menominee	Daniel Burlingame
<b>Montcalm</b>	Pierson	Daniel Buyze
<b>Muskegon</b>	Muskegon	Matthew Farrar
<b>Oakland</b>	Milford	Christina Schroeder
<b>Oakland</b>	Troy	Tony Spaniola
<b>Ottawa</b>	Grand Haven	Jeffrey Dutton
<b>Saginaw</b>	Carrollton Township	Shellene Thurston
<b>Washtenaw</b>	Ann Arbor	Daniel Brown
<b>Wayne</b>	Detroit	Theresa Landrum
<b>Wayne</b>	Grosse Pointe Farms	Connie Boris
<b>Wexford</b>	Cadillac	William Barnett

# Agenda

- Welcome and MS Teams Housekeeping – 5 min
- Litigation Update – 10 min
- Landfill Sampling Initiative – 15 min
- MPART Updates – 20 min
- Citizens Panel for PFAS Summit – 10 min
- Subcommittee Updates – 15 min
  - Product Prioritization
- Community Sharing Round Robin – 15 min

# Litigation Update

---



MICHIGAN DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY

# Solid Waste Landfill PFAS Evaluation

---

Jim Arduin, Geology Coordinator  
Solid Waste Section  
Materials Management Division

# What does the Materials Management Division (MMD) “solid waste landfill” universe consist of?

- Primarily any site that was permitted or licensed to take solid waste.
  - Household trash
  - Construction and demolition debris
  - Ash generated at power plants
- Plus a few other miscellaneous sites.

145 Sites

- What we have done so far
- What are we currently doing
- What's next for MMD

# Primary Goal

By the end of 2019, sample all Solid Waste sites regulated by MMD that are determined to be a high priority based on waste type, history of release, and risk to drinking water receptors.



# Site Prioritization

- Low Priority (42 sites) – No known groundwater impacts.
- Medium Priority (55 sites) - known groundwater impact and no drinking water wells or intakes proximate to the site.  
(includes 100% ash sites that met the HP designation)
- High Priority (48 sites) – known groundwater impact and drinking water wells or intakes proximate to the site.  
(does not include 100% ash sites)

# High Priority Site Summary

- 42 sites have submitted data for evaluation.
- 5 sites will be sampled this fall by an EGLE contractor.
- 1 site is in the enforcement process.

# What did we find?

- Of the 42 sites with data:
  - 11 sites had PFAS concentrations that exceeded the old criteria.
  - 18 sites had PFAS concentrations that exceeded the new lower criteria.
  - 13 Clean Sites.

# Thoughts on the numbers

- Using the current criteria, approximately 70% of the high priority sites will need to address PFAS impacts moving forward.

# What's Next for the High Priority Sites?

- First and foremost, work with health departments on potential drinking water well sampling. (in most cases this is already done)
- Continue to work with liable parties to delineate groundwater impacts.
- Continue to support the MPART process. Community meetings, update web content, etc.

# What about Medium Priority Sites?

- All Medium Priority sites will need to be addressed at some point.
- Some sampling request letters have already been sent but each district will complete this task as their workload allows.
- The initial goal is to have all these sites sampled by the end of 2021.



# What about Low Priority Sites?

- Because these sites do not have groundwater impacts at this time, PFAS sampling is not being requested.
- If future routing groundwater detection monitoring indicates that groundwater has been impacted, PFAS sampling will be recommended at that time.

Questions?

Michigan Department of  
**Environment, Great Lakes, and Energy**

800-662-9278

[Michigan.gov/EGLE](http://Michigan.gov/EGLE)



**Contact Information:**

James Arduin

Solid Waste Geology Coordinator

Materials Management Division

Michigan Department of Environment, Great Lakes, and Energy

(517) 614-7434

[ArduinJ@Michigan.gov](mailto:ArduinJ@Michigan.gov)

# MPART Updates

---

# Follow-Up Items

- Landfill sampling
  - Jim's presentation
- Residential well initiative
  - Work in progress
- Subcommittees



# MI Drinking Water Standards Effective 8/3/2020

Compound	MCL	EPA Recommendation
PFNA	6 ppt	NA
PFOA	8 ppt	70 ppt combined
PFOS	16 ppt	
PFHxS	51 ppt	NA
GenX (HFPO-DA)	370 ppt	NA
PFBS	420 ppt	NA
PFHxA	400,000 ppt	NA



# MI Standards for Remediation

- Groundwater cleanup
  - 8 ppt PFOA
  - 16 ppt PFOS
  - GSI per surface water quality standards
- Surface water quality
  - 10,000 ppt PFOA (420 ppt if DW source)
  - 12 ppt PFOS (11 ppt if DW Source)





# Regional Webinars in September

9<sup>th</sup> – Southwest

10<sup>th</sup> – Central

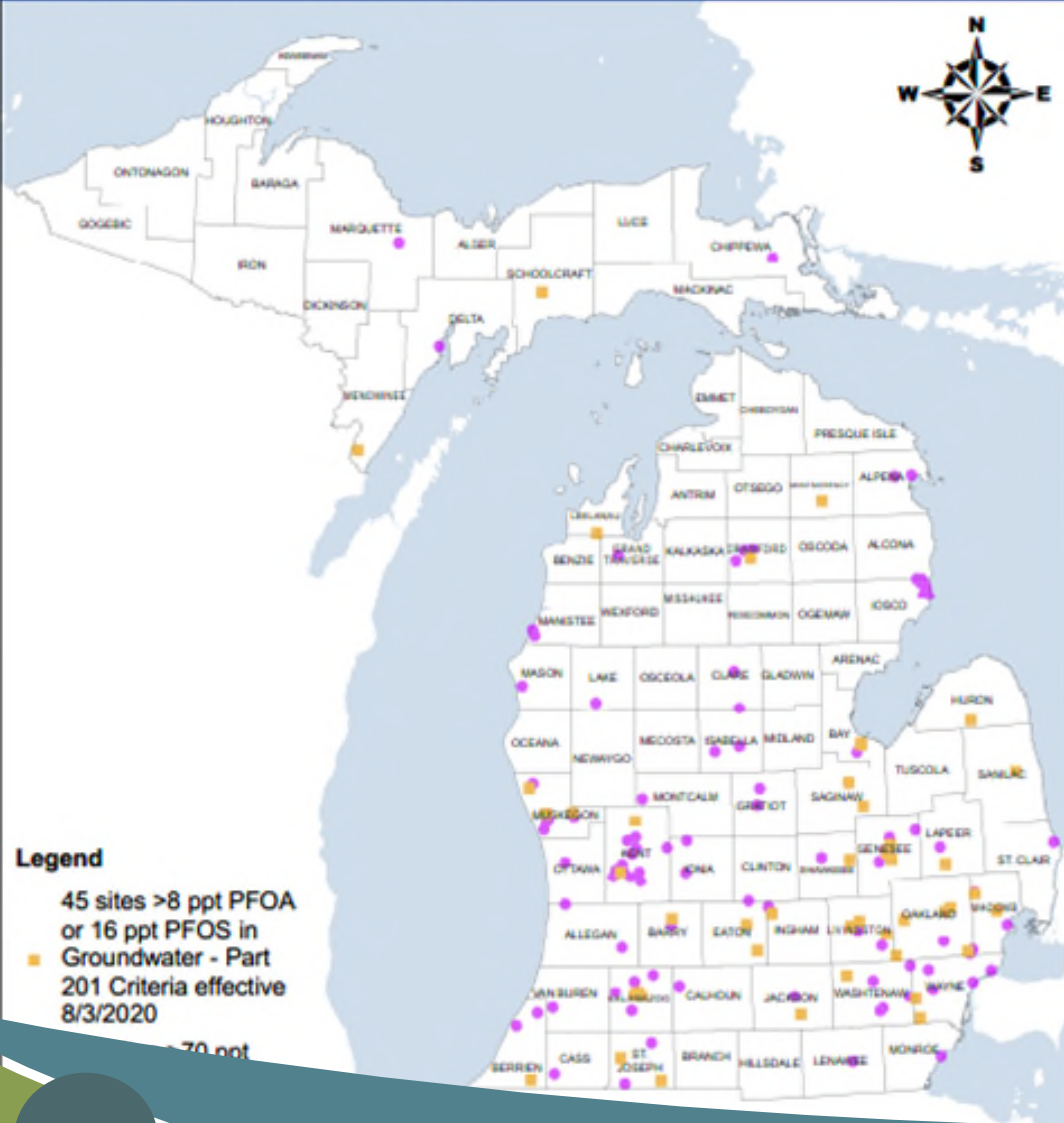
15<sup>th</sup> – Southeast

16<sup>th</sup> – East

17<sup>th</sup> – North

28<sup>th</sup> – West

Press release link: [https://www.michigan.gov/egle/0,9429,7-135-3308\\_3323-537262--,00.html](https://www.michigan.gov/egle/0,9429,7-135-3308_3323-537262--,00.html)



# More Sites

- August 3<sup>rd</sup> – 138 sites and growing

# Opportunity for Agency Updates

- MDHHS
- MDARD
- MDNR
- State Fire Marshal
- DMVA
- MDOT

# Citizens Panel for PFAS Summit

October 29, 3:00 – 3:45 p.m.

Members interested

- A. J. Birkbeck
- Daniel Brown
- Gale Dugan
- Pam McQueer
- Tony Spaniola
- Sandy Wynn-Stelt

Format, focus

Schedule planning call

# Next Steps

- Subcommittee's Progress
- Future meetings
  - October 13, 2020

# Community Sharing Round-Robin

---



UPDATES



ANNOUNCEMENTS



QUESTIONS

# MICHIGAN PFAS ACTION RESPONSE TEAM (MPART)

[www.Michigan.gov/PfasResponse](http://www.Michigan.gov/PfasResponse)

The logo for the Michigan Department of Environment, Great Lakes, and Energy (EGLE). The letters 'EGLE' are rendered in a bold, sans-serif font. The 'E' is green, and the 'G', 'L', and 'E' are blue. A white wave-like line runs horizontally through the middle of the letters.

MICHIGAN DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY

