

MALEHA Environmental Health Forum
MPHI, 2436 Woodlake Dr. Okemos
February 15, 2018

Board of Directors:

Chris Westover, Monroe, Treasurer
Adeline Hambley, Ottawa, Secretary
Tom Fountain, Benzie-Leelanau TC

Don Hayduk, Jackson, Director
Steve Demick, St. Clair, Director

Members: (TC = teleconference)

Regina Young, Barry-Eaton
Scott Withington, Detroit
Sara Simmonds, Kent
Liz Braddock, Mid-MI DHD
Randy Rapp, Allegan TC
Chuck Lichon, DHD #2 TC
Kasee Johnson, Lenawee TC
Tanya Rule, Western UP TC

Jay VanStee, Barry-Eaton
Tip MacGuire, Huron
Matt Bolang, Livingston
Claudia Terrell, Oakland
Mick McGuire, Cass-Van Buren TC
Scott Smith, DHD #4 TC
Patrick Jacuzzo, Marquette TC
Fred Yanoski, Midland TC

Kevin Green, Calhoun
Ken Bowen, Ionia
Andrew Cox, Macomb
Casey Elliot, Shiawassee
Suzanne Lieurance, Chippewa TC
Rod McNeill, Ingham TC
Jeff Croll, Muskegon TC

Guests: (TC = teleconference)

Orlando Todd, MDHHS
Sean Dunleavy, MDARD
Kory Groetsch, MDHHS

Dana DeBruyn, MDEQ TC
Joe Frazier, BHSJ CHA

Kevin Besey, MDARD
Sue Leeming, DEQ

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1. **Call to Order:** Meeting called to order by Adeline Hambley at 9:30am
 2. **Approval of February 15, 2018 Minutes:** Motion to approve by Ken Bowen, support by Matt Bolang. Motion carried.
 3. **Officer & Affiliate Reports**
 - a. **President's Report**

Written report attached.
 - b. **Treasurer's Report**

Annual membership dues are currently coming in (reminder to get them submitted to Chris). Deposit has been made for the RAM Center.

Motion by Matt Bolang, support by Ken Bowen to approve the January Treasurer's Report. Motion carried.
 - c. **MALPH** – Meghan Swain

No report

d. **MEHA**—Sara Simmonds

MEHA Conference 2018 save the date flyer has been sent out. The 2018 conference will be held March 21-23, 2018. MEHA is asking for support for a social hour at the 2018 AEC in the amount of \$2,000.

Motion by Regina Young, support by Chris Westover:

To approve an annual donation to MEHA AEC with amount to be determined by the location and amount needed. 2018 donation not to exceed \$2,000, support by Chris Westover.

Discussion: Was last year's donation due to NEHA, or is this a recurring donation on behalf of MALEHA? Are the funds going to be utilized to purchase alcohol or food? Funds need to be utilized for costs not associated with alcohol.

Amend motion:

To donate \$2,000 to MEHA AEC for support of a social hour with stipulate the funds are not to be utilized for purchase of alcohol.

Motion carries.

4. **State Department Reports**

a. **MDHHS** – Orlando Todd

Orlando provided a general overview of current budget, some of these funds for PFAS, mosquitos and tick borne diseases and other environmental threats. This still has to pass through the legislatures.

There are currently 20 health departments funded for the Hepatitis A outbreak occurring in southeast Michigan is currently ongoing. There are 736 cases and 24 deaths currently related to this outbreak. There have been requests from LHDs in the non-outbreak areas for funding to try and provide outreach in areas not designated as outbreak counties.

Feb. 27, 2018 MPART will have PFAS meeting. They are looking for a representative from LHDs to participate on this group. Sara Simmonds volunteers to represent MALEHA.

Smoke free law may be opened to allow smoking on patios. Still in the early stages at this point.

b. **MDEQ**—Dana DeBruyn

Lead and Copper Rule Public hearing is on March 1, 2018 at the Lansing Center. Meeting is occurring today at 10am on the Statewide Sanitary Code with Representative Lower. HB 4438, Portable Toilets at Farm Operations. There was recently a meeting on this, it has passed the House and is in the Senate Committee. There has been some proposed amendments, but not sure where this will end up. Money has been set aside for PFAS for transient and non-transient water supplies (for sampling). An email was recently sent out to the Non-Community Coordinators for contact information of these supplies.

Budget—Public water supply and DEQ—FY2019 grant reduction of 33% in Michigan. This is similar to the cut proposed last year, but congress rejected, so hoping this will be rejected again. State Budget—there has been funds set aside for technology, this will help with T2 and other program upgrades.

Training opportunities: Michigan GW Association Fundamentals in Traverse City.

PFAS Sampling at schools—this year or next year? Dana—could start as early as April of this year. Would wrap up September of 2019. Sara—any discussion with drillers and well construction in PFAS zones? Dana—DEQ has reached out to Minnesota for guidance as they

have some guidelines already. At this point they have not pursued other research/investigation at this point. Sara—any discussion re isolation distance from a designated plume? Dana—not aware of any. T2 wells impacted, any guidance on bottle water or alternative source? Dana—no guidance at this point.

c. **MDHHS/MDEQ—PFAS Presentation—Kory Groetsch, Sue Leeming**

Sue Leeming, DEQ

Presentation on PFAS contamination in Michigan—discussion of confirmed PFAS locations and health impacts. There is an approved process for identifying sites and putting on the map. Currently in the process of categorizing information in different maps to better designate types of water supplies, data available, surface water information, and groundwater investigation sites. January 10, 2018 DEQ released clean up criteria for groundwater contamination and protection of drinking water. PFAS Criterion: 70ppt PFOA and PFOS combined, established under Part 201. Focus is on public health and the environment.

Challenges due to test analysis timeframe, unsettled science, and funding. Current discussions regarding funding for FY2019. Clean-up is expensive and finding responsible parties to pay for clean-up is difficult or not possible. DEQ is working with legislators to establish an increased budget moving forward.

Next Steps: Increasing State Lab testing capabilities, creating PFAS Multiagency Technical Workgroup, MPART—Scientific Advisory Board and LPH Advisory Committee, and securing ongoing financial support.

Website for additional information: www.michigan.gov/pfasresponse

DEQ PFAS Program Areas:

- Public drinking water supplies (sample collection and analysis of community water supplies over next 18 months),
- industrial pretreatment programs (currently no standards for biosolids),
- surface water ambient sampling (PFAS analysis will be added for certain locations),
- fish collections (PFOS is bio-accumulative, and will provide indicators of water contamination),
- landfills (leachate to determine if PFAS is moving through liners),
- laboratory,
- air quality (chrome platers—inspectors will be now asking if facility uses any substances that contain PFAS).

Current steps if found in public water supplies—ask for more frequent monitoring to determine how levels are changing, minimize exposure, determine source to help determine if there are alternative sources available.

Environmental data has shown low levels in most water supplies, including the Great Lakes. Over past ten years, chemicals are being utilized less, and have seen the values decrease.

Delineation of plumes and drinking water wells? DEQ is currently mapping, but different geology and drawdowns make each area unique. Process is time consuming and expensive, so these sites are prioritized based on contamination.

Notification has gone out to schools regarding testing. A letter was drafted by DEQ that outlines the sampling plan and that the DEQ will be paying for the sampling. This will be sent to different public water supplies soon. At this point, action plans still need to be created which outline next steps at sites when elevated levels are discovered.

Kory Groetsch, MDHHS

Health outcomes of PFOS and PFOA (Per- and Polyfluoroalkyl Substances) discussed. Part of the challenge with these substances is that they spread easily and contaminate the whole aquifer. \$2.5 million was allocated for LHDs for already identified sites. The funding provide support for staffing as well as interim measures (e.g. water filters—installed by plumbers). These interim measures have been implemented on sites down gradient from highly contaminated areas. This has allowed for more efficient use of funds to put in test wells and collect data as frequent sampling at homes is challenging and expensive. MDHHS is also currently working to develop laboratory capacity for testing and epidemiological data collection and analysis.

Human health affects has included: altered cholesterol levels, thyroid disease (PFOA), ulcerative colitis (PFOA), testicular and kidney cancer (PFOA), altered immune system function. Cause and effect is difficult to determine as these are industrial chemicals and data is based on accidental exposures. However, animal studies have shown developmental effects (reduced ossification of the proximal phalanges, decreased pup birth weight, accelerated puberty in male pups), immune system dysfunction, altered liver and kidney weight. The data from animal studies is extrapolated to set lifetime exposure limits in humans (350ppt). To account for other exposures and to set a larger margin of safety, the limit is set at a smaller percentage of this lifetime value (currently set at 70ppt in Michigan). Primary exposure is via ingestion (fish, drinking water, deer studies are in progress), not via transdermal absorption.

Protocols are currently being developed regarding exposure and response activities. These are being developed and revised during response at identified sites. ATSDR Public Health Assessment Guidance Methods are utilized.

LHD's--request to be more proactive getting the message to the public that swimming in water that may be near contamination areas is not a significant risk for PFOS/PFAS exposure. Concerns regarding letter that will be sent to school systems. Also requested that letter for school sampling for PFAS be provided to LHDs prior to sending to schools, as it would be helpful for answering questions that may be made to LHDs. Communication will be shared with LHDs through Orlando to ensure MALPH and MALEHA receives the information.

d. **MDARD**—Sean Dunleavy & Kevin Besey

Kevin Besey provided an overview of current projects he is working on (and will be the main contact for moving forward): Western Lake Erie algae issues, technology information (licensing and inspection programs), and Accreditation Commission & Improvement Committees.

Foodborne Illness memo will be released soon. General discussion regarding how best to communicate emerging issues/complaints with LHDs. Sean would like feedback on how to improve this process. A survey will be sent to collect preferred method of communication information from LHDs.

2017 Food Code has been released by the FDA. FSMA changes/adoption should be approved next week. No other changes/adoption at this time.

LHD inspection at fairs is still moving forward and expanding for 2018.

Plumbing enforcement—inspection and enforcement issue was forwarded to the Food Committee. Sean requested MDARD representatives be included in discussions with Committee.

6. **Committee Reports**

a. **Food Committee**—Liz Braddock

- i. Plumbing discussion will be added as a task for the Committee.

b. **Water Committee**—Tip MacGuire

- i. Lead Copper Rule

Draft written comments on Lead Copper Rule changes was provided. More questions will likely arise when LHDs required actions are developed. Vern will draft a letter summarizing comments, review and approve prior to deadline for public comments on March 7, 2018.

- ii. Pvt/T3 Self-Assessment meeting to occur with Kathleen Gardner (MDEQ) to discuss process.
- iii. Committee to take up PFAS issue to review information? Tip will discuss with Vern. Sara provided an overview of the process currently being utilized in Kent County to review wells in PFAS impacted areas with DEQ RRD.

c. **Onsite & Land Use**—Matt Bolang

i. **Statewide Sanitary Code**

Onsite Committee met last week, an update was shared via the listserv. Meeting is currently ongoing with Representative Lower, and an update will be provided after this meeting. Everyone is encouraged to read the draft and review for potential impacts.

d. **Legislative**—no updates at this time.

e. **Technology & Training**—Don Hayduk

- i. Submit topics for 2018 Director's Conference to Don.
- ii. Premier Public Health Conference—Don is participating to increase EH topics provided at this conference. Any suggestions, contact Don. Deadline for proposals for presentations is March 23, 2018.

f. **Vapor Intrusion Ad-hoc**—Don Hayduk

- i. Meeting was held February 7, 2018. Working to continue to develop response guidelines and toolkit. This will be completed and shared soon.

7. **MALEHA Member Reports (non-MALEHA Committee)**

a. **Medical Waste Pilot Program**—no report at this time.

b. **DEQ Statewide Septic Code Workgroup**—no report at this time (see above).

c. **Harmful Algal Blooms**

Conference call was held on Monday. There will be a presentation at the 2018 MEHA Conference. There will be a list of dedicated inland lakes for sampling (this should be provided soon), otherwise response and sampling will be complaint driven. MDHHS is also drafting information that explains sampling and provides additional information/guidelines for LHD response to questions or concerns received.

d. **Cross Jurisdictional Sharing Project**

Teleconference was held, currently looking at different locations for training locations and what information should be included in a training manual for new PH leadership. Also reviewing different types of mentoring programs. Another call will be held next week, information will be shared via listserv.

e. **Communication Workgroup**—no report at this time.

Training in May, LHD participation nominations will be needed.

f. **MPART PFAS Workgroup**

Initial meeting to be held Feb. 27, 2018.

g. Fentanyl & Carfentanil Workgroup

Initial meeting will be held next week.

8. New Business

9. Items from Board

10. Items from Members

- a. Scott Withington: Does MALEHA have any representation of LHDs for Recreational Marijuana rules? Ken Bowen stated that LARA is overseeing the issue and is taking a hands-off approach to this issue. It is believed this issue has been approved to be on the ballot. If passed, marijuana edibles could become a significant issue for LHDs.
- b. Regina Young: Maintaining communication with state departments and being proactive on emerging issues. Create a standing Emerging Issues Committee to help create a more organized approach?

11. Future Agenda/Items

Motion by Matt Bolang, support by Chris Westover to adjourn. Motion carried.

Meeting adjourned at 11:48am

Submitted by:

Adeline Hambley 3/13/18

Approved x-xx-2018

_____, MALEHA Secretary