

From: [DeBruin, Dana \(DEQ\)](#)
To: [Deveraux, Tracy Jo \(DEQ\)](#)
Cc: [Maul, Sue \(DEQ\)](#)
Subject: 2015 April
Date: Tuesday, April 21, 2015 4:01:43 PM
Attachments: [How To Request Time Off in Outlook.doc](#)

Tracy,

These were my draft notes from both the AM and the PM meeting. Can you clean these up? Also, I forgot to take minutes during Sue's talk on enforcement. Sue, do you want to add anything?

2015 April

Tuesday, April 21, 2015

9:02 AM

ODWMA Management Team Meeting Agenda

April 21, 2015 – McCauley Conference Room

1. Employee Engagement/Leadership Discussion

Coursera classes (<http://www.coursera.org>) (Amy Lachance)

2. SMT/Office News

Well Construction/Pump Training- everybody is included that wants to attend this intense training on pumps, etc. Will Be Tuesday July 14 all day at LCC West.

In-Service Training- also will be at the LCC West. Needs modification of draft agenda. Program Slots will be scheduled for "interesting" stuff, not just talking about the rules.

 Liane needs to send out latest draft agenda

3. Personnel Issues

- IT Roles/Responsibilities for ODWMA vs. Section vs. DEQ (Carrie Monosmith)

Ronda's roll is not as a "help desk".

 Tracy Jo should be a ODWMA sharepoint publisher (to help with Forms, P&P)

Policies and procedures, forms always go through Kate

 Training needed on sharepoint 101 (Intranet) and much deeper (workflow). KG

- Availability of Phone Use During Emergency Situations

Discussion about 800 megahertz training. After ER meeting in May, then assess what we need

for Emergency response.

- Succession Planning (Richard Benzie) -
- ✓ EQS (Philip Vacancy)-discussion
- ✓ Operator Certification Program – Paul Brun Del Re Retirement – Nov 2015; Open up to other people internally, job shadowing, Paul's position (EQA 9-12) through fall exams.
- ✓ Others
- ✓ LCR/CCR Specialist Update

✿ This process of moving forward with these specialist positions needs to be coordinated and clearly communicated, so staff know what opportunities are available.

4. Training

- Coursera classes (<http://www.coursera.org>) (Amy Lachance)
- Michigan Environmental Health Association Annual Education Conference (Dana DeBruyn)
- LYNC Demonstration Scheduling (Ronda Page – 10:00 a.m.)

If you don't have LYNC 2013, call the help desk.

LYNC is a replacement for office view

May take several days to start working

What does it show when you lock your computer?

This is FOIAable.

This reviewed main features of LYNC, like creating LYNC meeting

These photos are the same as outlook. Remember DEQ policy on photos.

✿ Ronda will send quick reference guide thru Kate-which is now merged with Liane's email regarding calendars.

✿ Dana- Written instructions on time off will be sent to managers (conversation side bar)

<<How To Request Time Off in Outlook.doc>> attached

✿ Will ODWMA going to require LYNC of Staff at some minimal level? Discussion. Liane: Get it on all the computers and training will be offered.

5. Administration Issues

- Constitution Hall Validations for the Ellis Lot (Kathy Tetzlaff) KG, BF, TR, KT, will send out an

email. Programs will still get charged. Hand it to person at the gate.

- Office Calendars (Kathy Tetzlaff) Have your calendar open-subject, locations and times. Admin needs to see "upfront details". Instructions have been put together. This is the "default" setting. Please let us know if you see others are "busy".

 It was recommended that Liane send the notice and instructions.

- Taxable Travel (Kathy Tetzlaff)-see handout. Mostly applies to DS that have more than 1 workstations.
- Personnel Update (Kathy Tetzlaff) James will be starting next payday. An updated duties list will be sent.
- OEA Water Conservation -10 Billion Gallon Challenge Representative (Dana DeBruyn) The contact is Devan Dodge. Will need to encompass the water Strategy, Water Use Advisory council Recommendations, etc.

 Dana To send Liane the email to solicit a volunteer.

- Cashier's Office (Jeremy Hoeh) A few missed copies of invoices, the deposit transaction details was missing. These should have a special stamp. What is the processing time to be expected from ACC? RMG who does what lists the point of contact for the programs as the contact for the Cashiers Office. Typically 2-3 days behind, except Nov-Jan., 2-3 weeks behind. Mail changes are also impacting this timeframe. Pay electronically will expedite process. Lori S. Can take these cc payments over the phone-they do not need to go to MDOT CCS.

Liane-

Part 127 fresh start meeting with MGWA

VCL geothermal-starting to move forward

Went to Kalamazoo for AWWA spring regional meeting

Flint update

SMT update included-District visits-different formats; updating telecommunication policy (and working at home policy); DTMB workgroup;

Next year (Mon-Tue)Aug 1-2, 2016 at the RAM down-payment due.

AWWA membership confirmed for employees, one membership number to get to electronic magazines.

Field Topics:

1. FOS Update (Richard Benzie)

- Near record number of exam applications,
- San Survey training coming from EPA DEQ Id 6-8 people 2 session of 25 each June 8-12 and June 15-19. We will send those that need to go;
- Detroit may be the only project that comes in for RL;
- Needs survey delayed to be launched in early May 2015 site <http://www.dwnneeds.com/login.aspx> login from 2011 site is still the same;
- UCMR3 Richard has results of systems using EPA \$\$\$/less than 10,000 served. The results belong in the chemical monitoring files at the district.

☐ Richard will give to Tracy Jo to send results out to district offices.

- Legionella was discussed.

☐ A multi-agency group should be formed, for outreach, etc. Should Liane lead this?

2. Enforcement Matters (Sue Maul)

All called ACOs and not DACOs.

All need to be tracked.

All come through Lansing and come back to Lansing

We don't have a procedure for things other than Significant Deficiency (WRD one)

Sue and Richard need to review (send at the same time is OK). Liane does not need to see them before they go out.

3. Handling of Inactive or Standby Wells – Consistency of Monitoring and Exercising Protocols (Chuck Thomas)

Draft policy is available on this. Issues: official stand-by well; vs., inactive wells; CT thought: Any well in well-field should be monitored as "active". KP discussed history and sampling protocol not addressed in the rules. Full monitoring PLUS Bacti quarterly and exercising the well (quarterly). Arsenic, for example, needed to be addressed. Off-line definition; standby (flip a switch and turn on) definition.

✳ Stand-by wells cannot be considered for Firm capacity. This is only a back up to the back up.

✳ Time to finish this policy. Could this be a mechanism for not sampling As if they know that it is over MCL? Kris to resurrect this conversation. Other stakeholders NCWS program; Water withdrawal.

4. Emergency Response Topics (Amy Lachance)

- St. Clair County Tabletop Exercise – May 21, 2015 DEQ has a few slots
- EPA's Water Utility Response On-the-Go mobile Web site-somehow tied into incident command. (<http://watersgeo.epa.gov/responseotg/>)
- MiWARN Meeting Summary

- ICS Training Logistics. State Police talking about offering 300 and 400 level for supplies.
5. Site Specific Groundwater Flow Model Requests (MGMT) – Request Interpretation of Data and Application Among NCWS, CI, and SWP Staff (Dana DeBruyn) Work flow will be looked into. On some of these with numerous issues/parties involved, maybe a phone call is best.
 6. Paragon Lab Investigation (Steve Busch) Handouts were provided regarding TOC.
 7. EDM File Plan (Steve Busch) handouts provided. Would Lead/Copper go to near the top of the list?
 8. Amy-Concerns with “cost optimization” firms coming into PWS-discussion.

Next meeting scheduled for May 13, 2015: Goodies – (Richard Benzie)

Created with Microsoft OneNote 2010

One place for all your notes and information

From: Devereaux, Tracy Jo (DEQ)
To: Stekler Smith, Liane (DEQ)
Subject: 2015 ODWMA Presentation SMT.pptx
Date: Friday, March 20, 2015 5:00:00 PM
Attachments: 2015 ODWMA Presentation SMT.pptx

From: Shekter, Smith, Liane (DEO)
To: Deveraux, Tracy Jo (DEO)
Subject: 2015 ODWMA Presentation SMT.pptx
Date: Friday, March 20, 2015 2:27:30 PM
Attachments: 2015 ODWMA Presentation SMT.pptx

I think the slides are complete and I'm down to notes pages changes.

From: Devereaux, Tracy Jo (DEQ)
To: Stekler-Smith, Liane (DEQ)
Subject: 2015 ODWMA Presentation SMT.pptx
Date: Friday, March 20, 2015 3:18:00 PM
Attachments: 2015 ODWMA Presentation SMT.pptx

From: Benzie, Richard (DEQ)
To: Deveraux, Tracy Jo (DEQ)
Subject: ASDWA Member Meeting - Summary for Minutes
Date: Monday, March 23, 2015 6:19:25 PM
Attachments: ASDWA Member Meeting - Summary for Minutes.doc

Here's my summary of my talk on the ASDWA meeting at the last managers meeting.

From: [Devereaux, Tracy Jo \(DEQ\)](#)
To: [Copen, Leigh \(DEQ\)](#)
Cc: [Fiedler, David \(DEQ\)](#)
Subject: Administrative Rules - Parts 1 to 28 Supplying Water of the Public ORR 2014-023EQ
Date: Friday, May 22, 2015 11:12:00 AM
Attachments: [2014-023 EQ Draft Rules 2015.05.22.docx](#)
[2014-023 EQ JCAR Report 2015.05.22.doc](#)

Attached is the updated JCAR report and draft rules that had a change on page 8 (per Karen Shaler's edits). I will run these hard copies back up before noon.

Thanks,

Tracy Jo

Tracy Jo Devereaux, Management Assistant to
Liane J. Shekter Smith, P.E., Chief
Office of Drinking Water and Municipal Assistance
Michigan Department of Environmental Quality
Constitution Hall, 4th Floor, South Tower, Pillar P8
525 W. Allegan Street
Lansing, Michigan 48933
☎517-284-6544
✉devereauxt@michigan.gov

From: [Devereaux, Tracy Jo \(DEQ\)](#)
To: [Hedler, David \(DEQ\)](#)
Cc: [Shekter, Jean \(DEQ\)](#); [Copan, Leigh \(DEQ\)](#)
Subject: Administrative Rules - Parts 1 to 28 Supplying Water of the Public ORR 2014-023EQ
Date: Monday, May 11, 2015 3:52:00 PM
Attachments: [2014-023 EQ Draft Rules 2015 04 30.docx](#)
[2014-023 EQ Draft Rules NonStrikeBold.docx](#)
[2014-023 EQ CAB Report 2015 05 08.doc](#)
[2014-023 EQ Proof of Publication.pdf](#)
[2014-023EQ EQ 2015 04 28.docx](#)
[Executive Overview signed by ODWMA.pdf](#)

Dave, attached is a rules package that I am taking to Karen Shaler for Jim Sygo's review/sign-off. I attached all of the documents listed in DEQ Policy No. 01-004 on Administrative Rules Promulgation. I also included a scanned version of the memo (executive overview) Liane signed in addition to the attached word version, if you need it.

Thanks,

Tracy Jo

Tracy Jo Devereaux, Management Assistant to
 Liane J. Shekter Smith, P.E., Chief
 Office of Drinking Water and Municipal Assistance
 Michigan Department of Environmental Quality
 Constitution Hall, 4th Floor, South Tower, Pillar P8
 525 W. Allegan Street
 Lansing, Michigan 48933
 ☎517-284-6544
 ✉devereauxt@michigan.gov

From: Benzie, Richard (DEQ)
To: Stekler-Smith, Liane (DEQ); Thomas, Chuck (DEQ); Rolf, Michael (DEQ); Cook, Pat (DEQ); Phillips, Kris (DEQ)
Cc: Devereaux, Tracy Jo (DEQ)
Subject: DEQ Update 2015 for Fall ACE.pptx
Date: Tuesday, September 08, 2015 6:19:26 PM
Attachments: DEQ Update 2015 for Fall ACE.pptx

Here's my first full draft of the DEQ Update for the ACE in the Soo. It is too long. Let me know what you think and what you think we should or could eliminate. I covered the RTCR, a few proposed state rule changes included with the RTCR, the upcoming January 1, 2016 deadlines for state rules modified in 2009 (particularly the Reliability Studies and General Plan requirements), marketing the DWRF, and Secondary Treatment issues.

While there are too many slides, there are quite a few that are very fast – like some of the DWRF slides that are graphical illustrations of what is presented in the previous slide(s). My second slide says I covered the Needs Surveys, but I don't think I did, so I will have to change that slide. I also have a few other things to confirm/change before I make this a final version.

I have not run through it to see how long it takes but I know I would run long. Kris said I would run long if I only had 4 slides. Audacious statement for someone still on probation.

From: [Benzle, Richard \(DEQ\)](#)
To: [Cook, Pat \(DEQ\)](#)
Cc: [Devereaux, Tracy Jo \(DEQ\)](#)
Subject: DEQ Update
Date: Monday, March 30, 2015 6:28:53 PM
Attachments: [DEQ Update - 2015 ODWMA for MRWA Conference 3-2015.pptx](#)

Here's my presentation. Tracy may want to "format" it (again) before you make many changes. Since you have to cut this presentation in half time-wise, I would consider leaving out the following:

- The slide on seasonal systems (#13)
- Slide #15 that applies primarily to MHCs except for the standby power requirement – just go right into the discussion on the upcoming deadline (1/1/16) for updated General Plans and Reliability Studies and then flow into Asset Management.
- Slides on MGMT (#33 - #36) that discuss the progress that we have been making in WHPA delineations and just go right into the discussion on SWP/WHPP matching grants.
- I would also play it by ear as to how much time the speaker should spend on Flint, and only discuss Toledo if time allows, which I suspect it will not. If they need to wrap up hurriedly, they could show one or two slides from Flint and discuss the issue of unlined cast iron pipes as much a likely culprit of their T&O problems as switching to the river.

From: [Devereaux, Tracy Jo \(DEQ\)](#)
To: [DEQ ODWMA Supervisors All](#)
Subject: Draft Meeting Minutes - April ODWMA Manager Meeting
Date: Wednesday, April 22, 2015 1:48:00 PM
Attachments: [ODWMA Management April 2015 Meeting Minutes -draft.docx](#)
[How To Request Time Off in Outlook.doc](#)

Attached you will find the draft meeting minutes from the ODWMA management meeting, including a referenced attachment. Please respond with any suggested changes by c.o.b. Friday, April 24, 2015. I will send out the final minutes sometime next week. If you have any edits to the attendee portion (since I wasn't there) – please forward those as well, thanks.

Thanks,

Tracy Jo

Tracy Jo Devereaux, Management Assistant to
Liane J. Shekter Smith, P.E., Chief
Office of Drinking Water and Municipal Assistance
Michigan Department of Environmental Quality
Constitution Hall, 4th Floor, South Tower, Pillar P8
525 W. Allegan Street
Lansing, Michigan 48933
☎517-284-6544
✉devereauxt@michigan.gov

From: Shekter, Smith, Liane (DEQ)
To: Lachance, Amy (DEQ)
Cc: Benzie, Richard (DEQ); Doyereaux, Tracy Jo (DEQ)
Subject: Draft MgrMeeting-12-10-15
Date: Tuesday, December 29, 2015 2:27:59 PM
Attachments: Draft MgrMeeting-12-10-15.docx

Minor comments/edits attached.

From: Lachance, Amy (DEQ)
To: Stekler-Smith, Liane (DEQ); Benzie, Richard (DEQ); Monosmith, Carrie (DEQ); DeBruyn, Dana (DEQ); Hoeh, Jeremy (DEQ); Butler, Soniya (DEQ); Filzner, Wendy (DEQ); Green, Kelly (DEQ); Tetzlaff, Katherine (DEQ); Gasper, Kirsten (DEQ); Bloemker, Jon (DEQ); Busch, Stephen (DEQ); Donaldson, Kristina (DEQ); Thomas, Chuck (DEQ); Dehtiar, Luke (DEQ); Svco, Jim (DEQ)
Cc: Devereaux, Tracy Jo (DEQ); Maul, Sue (DEQ); Shaler, Karen (DEQ)
Subject: Draft Notes: ODWMA Managers Meeting
Date: Friday, December 18, 2015 2:19:42 PM
Attachments: Draft MgrMeeting-12-10-15.docx

Please see Luke's draft notes – attached, and provide comments to me by 1/8/16. I will finalize and place on the Lansing drive. Thanks, Amy

Amy Lachance

Grand Rapids District Coordinator and

Grand Rapids and Kalamazoo District Supervisor

Office of Drinking Water and Municipal Assistance

Michigan Department of Environmental Quality

Work Cell: 616-490-9590

From: [Devereaux, Tracy Jo \(DEQ\)](#)
To: [Feuerstein, Heather \(DEQ\)](#)
Subject: FW: 2014-023EQ Rules Package Submittal
Date: Monday, September 21, 2015 3:40:00 PM
Attachments: [2014-023EQ Adopt Letter.docx](#)
[2014-023EQ Certificate of Adoption.docx](#)
[2014-023 EQ Draft Rules NonStrikeBold 2015-09-12.docx](#)
[image001.png](#)
[image002.png](#)

Can we get a status update on this?

From: Copen, Leigh (DEQ)
Sent: Monday, August 24, 2015 8:33 AM
To: Devereaux, Tracy Jo (DEQ)
Cc: Feuerstein, Heather (DEQ); Fiedler, David (DEQ); Shekter, Jean (DEQ)
Subject: FW: 2014-023EQ Rules Package Submittal

Good morning!

Please take this to Heather. Under the new organizational structure Dave is now under Maggie and Heather is doing rules. I am copying her on this message. Although a message and new executive division org chart went out, it was not clear that Heather will now be working for Dave. A message will be going out soon.

Thank you!



Leigh M. Copen
 Senior Executive Management Assistant
 Strategic and Economic Initiatives
 517 284 6702



From: Devereaux, Tracy Jo (DEQ)
Sent: Monday, August 24, 2015 8:27 AM
To: Copen, Leigh (DEQ)
Cc: Fiedler, David (DEQ); Shekter, Jean (DEQ)
Subject: 2014-023EQ Rules Package Submittal

Good Morning Leigh,

I will be running a hard copy package up to you today, attached is the electronic version.

Thanks,

Tracy Jo

Tracy Jo Devereaux, Management Assistant to
 Liane J. Shekter Smith, P.E., Chief

Office of Drinking Water and Municipal Assistance
Michigan Department of Environmental Quality
Constitution Hall, 4th Floor, South Tower, Pillar P8
525 W. Allegan Street
Lansing, Michigan 48933
☎517-284-6544
✉devereauxt@michigan.gov

From: [Devereaux, Tracy Jo \(DEQ\)](#)
To: [Feuerstein, Heather \(DEQ\)](#)
Subject: FW: 2014-023EQ Rules Package Submittal
Date: Monday, September 21, 2015 3:41:00 PM
Attachments: [2014-023EQ Adopt Letter.docx](#)
[2014-023EQ Certificate of Adoption.docx](#)
[2014-023 EQ Draft Rules NonStrikeBold 2015 09 12.docx](#)
[image001.png](#)
[image002.png](#)

Here's the actual electronic one I sent up on September 1st (for reference).

From: Devereaux, Tracy Jo (DEQ)
Sent: Tuesday, September 01, 2015 4:49 PM
To: Feuerstein, Heather (DEQ)
Subject: FW: 2014-023EQ Rules Package Submittal

From: Copen, Leigh (DEQ)
Sent: Monday, August 24, 2015 8:33 AM
To: Devereaux, Tracy Jo (DEQ)
Cc: Feuerstein, Heather (DEQ); Fiedler, David (DEQ); Shekter, Jean (DEQ)
Subject: FW: 2014-023EQ Rules Package Submittal

Good morning!

Please take this to Heather. Under the new organizational structure Dave is now under Maggie and Heather is doing rules. I am copying her on this message. Although a message and new executive division org chart went out, it was not clear that Heather will now be working for Dave. A message will be going out soon.

Thank you!



Leigh M. Copen
 Senior Executive Management Assistant
 Strategic and Economic Initiatives
 617 284 6702



From: Devereaux, Tracy Jo (DEQ)
Sent: Monday, August 24, 2015 8:27 AM
To: Copen, Leigh (DEQ)
Cc: Fiedler, David (DEQ); Shekter, Jean (DEQ)
Subject: 2014-023EQ Rules Package Submittal

Good Morning Leigh,

I will be running a hard copy package up to you today, attached is the electronic version.

Thanks,

Tracy Jo

Tracy Jo Devereaux, Management Assistant to
Liane J. Shekter Smith, P.E., Chief
Office of Drinking Water and Municipal Assistance
Michigan Department of Environmental Quality
Constitution Hall, 4th Floor, South Tower, Pillar P8
525 W. Allegan Street
Lansing, Michigan 48933
☎517-284-6544
✉devereauxt@michigan.gov

From: [Shekter Smith, Liane \(DEQ\)](#)
To: [DEQ-ODWMA-Supervisors All](#)
Cc: [Devereaux, Tracy Jo \(DEQ\)](#)
Subject: FW: AWWA Water Services Insider
Date: Friday, November 20, 2015 9:13:05 AM

Share as appropriate.

Of note:

- EPA delivers cyanotoxins plan to Congress
- Advisory council considers recommendations on Lead and Copper Rule
- EPA seeks input on *Legionella* control
- House-Senate panel takes up transportation bill, WIFIA
- EPA funding could get bogged down in policy disputes

From: AWWA Public Affairs [mailto:publicaffairs@awwa.org]
Sent: Friday, November 20, 2015 9:04 AM
To: Shekter Smith, Liane (DEQ)
Subject: AWWA Water Services Insider

Having trouble viewing the email below? Please [click here](#).

Note: To ensure delivery to your inbox please add publicaffairs@awwa.org to your address book.



Nov. 20, 2015

Welcome to the latest issue of the *Water Services Insider*. In this issue:

- 'Good Samaritan' legislation would address abandoned mine issues
- EPA delivers cyanotoxins plan to Congress
- Advisory council considers recommendations on Lead and Copper Rule
- EPA seeks input on *Legionella* control
- House-Senate panel takes up transportation bill, WIFIA
- EPA funding could get bogged down in policy disputes
- House committee reauthorizes bill to assist small water utilities

'Good Samaritan' legislation would address abandoned mine issues

AWWA government affairs staff has been studying concepts for "Good Samaritan" legislation that would allow entities to clean up mine sites without assuming liability risks. With more than 400,000 abandoned hard rock mines throughout the United States, several members of Congress have expressed interest in introducing such legislation. Under current Clean Water Act and Superfund laws, parties that might act as Good Samaritans lack incentives to get involved with these sites. We are gathering input from water utilities and other experts to produce principles that will protect drinking water in the creation of proposed remediation plans.

EPA delivers cyanotoxins plan to Congress

The U.S. Environmental Protection Agency delivered its "Algal Toxin Risk Assessment and Management Strategic Plan for Drinking Water" to Congress on Tuesday, as required by the "Drinking Water Protection Act" (P.L. 114-45). The plan outlines EPA's actions to date, as well as anticipated work to evaluate the risks posed by cyanotoxins in drinking water. While

not explicit, it appears that cyanotoxins will be included in the next round of the Unregulated Contaminant Monitoring Rule as part of the agency's continued work to determine if a SDWA standard is appropriate. EPA outlines how it is evaluating the comparability of available ELISA analytical methods with LC/MS/MS methods, as well as collecting information that will inform future recommendations to water utilities and states on management of cyanotoxins. While much of current efforts are focused on microcystin and cylindrospermopsin, the plan recognizes the need for research on a larger universe of cyanotoxins. The UCMR is scheduled for proposal in early 2016 and is to be finalized in 2017.

Advisory council considers recommendations on Lead and Copper Rule

The majority of this week's National Drinking Water Advisory Council meeting focused on drafting recommendations for revising the Lead and Copper Rule. In August, a NDWAC workgroup completed its report for the council's consideration. After evaluating the report and public comments, the NDWAC decided to forward the workgroup's recommendations to EPA Administrator Gina McCarthy. A transmittal package is now in development. The central element of the recommendations is that all systems would develop and implement a strategic plan to remove all lead service lines from water mains to building walls. In public comments to NDWAC, Flint community advocate Lee Walters challenged water systems to do more sooner, including posting their current LCR monitoring instructions to homeowners on their websites and revising those instructions to remove elements that reduce apparent lead levels (e.g., advising pre-stagnation flushing, capping the length of stagnation period, removing aerators). Yanna Lambrinidou, a member of the NDWAC Working Group with a dissenting opinion, called for utilities to make lead monitoring data more readily available to the public as well as offer additional measures beyond those reflected in the Working Group report.

EPA seeks input on *Legionella* control

EPA held a public meeting last week to garner input on "Technologies for *Legionella* Control: Scientific Literature Review." The agency is providing this literature review -- primarily focused on disinfection technologies -- to assist building owners contemplating adding treatment for *Legionella* control. The literature review is not SDWA "guidance," and EPA is explicitly leaving to state primacy agencies decisions on when a building must comply with SDWA requirements. Participants in the meeting were concerned that the literature review might be perceived as guidance, that there were technologies that were not included and that review did not summarize the literature in terms of controlling proliferation of *Legionella* in building systems. The document will be reviewed by subject matter experts in early 2016 and finalized in 2016.

House-Senate panel takes up transportation bill, WIFIA

A House-Senate conference committee began meeting this week to produce a single long-term surface transportation bill, and one that hopefully will contain the long-sought-after technical correction to the Water Infrastructure Finance and Innovation Act. One heartening development occurred during opening statements when U.S. Rep. Bob Gibbs of Ohio, chair of the House Subcommittee on Water Resources and Environment, said fixing WIFIA was one of his three priorities in producing the transportation bill. Rep. Bill Shuster, chair of the House Committee on Transportation and Infrastructure, said his goal was to file the final legislation Nov. 30 and have it on President Obama's desk by Dec. 4. However, he also admitted this would be a difficult task. AWWA ramped up its grassroots and direct advocacy efforts this week. While we have heard considerable support for the fix on the Hill, anything can happen in a political environment. Other water associations have ramped up their efforts as well. The Senate version of the transportation bill already contains the WIFIA correction.

EPA funding could get bogged down in policy disputes

While Congress and President Obama did produce a two-year budget deal earlier this fall, funding for EPA and its programs, including the state revolving loan fund, could still face a complicated road. Bills funding EPA and related agencies in both the House and Senate contain policy riders that could attract a veto or blocking maneuvers in the Senate. Those bills have apparently died. The two highest-profile riders would kill the Clean Power Plan and the rule defining "Waters of the U.S." Right now, the federal government is operating under a continuing resolution until Dec. 11. Expect to see an omnibus spending bill fund the government after that. Debates are still going on in the Capitol on whether the omnibus bill will contain the riders. If it does, the threat of a presidential veto or tough congressional battles will loom.

House committee reauthorizes bill to assist small water utilities

The House Committee on Energy and Commerce has approved and sent to the full House S. 811, a bill that would reauthorize technical assistance for small public water utilities. By passing the Senate bill without amendment, members hoped to speed final passage. It would let EPA make grants or initiate cooperative agreements with non-profit organizations to provide such assistance to small systems. Authorized funding would remain \$15 million annually. Congress has provided more than \$12 million a year for the program even after authorization expired in 2003.



AWWA Delivers Valued Benefits to Your Organization

Water Services Insider is a benefit of your organization's membership. Take advantage of specialized information and discounted rates on educational opportunities and technical information. [Learn more about membership advantages.](#)

This email was sent by the American Water Works Association
6868 W. Quincy Ave., Denver CO 80235

This was sent to 00363466 shaktar1@michigan.gov. You were added to the system June 11, 2013. For more information click [here](#).

AWWA may send emails regarding member benefits or announcements for products or traveling events. To update your specific email preferences, click [Manage Preferences](#).

If you do not wish to receive any emails from AWWA, reply to this message with the word Remove in the subject line or click [Unsubscribe](#).

From: [Devereaux, Tracy Jo \(DEQ\)](#)
To: [Copen, Leigh \(DEQ\)](#)
Cc: [Fiedler, David \(DEQ\)](#); [Shekter, Jean \(DEQ\)](#)
Subject: FW: Administrative Rules - Parts 1 to 28 Supplying Water of the Public ORR 2014-023EQ
Date: Wednesday, June 03, 2015 10:16:00 AM
Attachments: [2014-023 EQ Draft Rules 2015 05 22.docx](#)
[2014-023 EQ Draft Rules NonStrikeBold 2015 05 12.docx](#)

Leigh,

I received your voicemail regarding wanting the most recent versions of any rules that were changed. The only change to any rules was the strike/bold draft rules that Karen Shaler had requested a change to on page 8. I made that change and attached the new electronic version for you/Dave back on May 22nd. See below e-mail.

I attached the most recent version of the nonstrikebold rules that Jean Shekter has/had saved on our shared drive to this e-mail today. I believe back in early May, some changes were exchanged between Jean/Dave that I was not privy to at the time, so I am attaching ODWMA's most current electronic version of that document on the off chance that Dave didn't have access to it along the way. I believe Dave did have access to it and used/printed it to go in the binder (as you and I previously discussed at the end of the month) – nonetheless, here is our most recent official copy. ☺

I am cc'ing Jean in case she has anything to add, etc. or otherwise to keep her in the loop.

Thanks for being patient and keeping us on track ☺

Thanks,

Tracy Jo

From: Devereaux, Tracy Jo (DEQ)
Sent: Friday, May 22, 2015 11:13 AM
To: Copen, Leigh (DEQ)
Cc: Fiedler, David (DEQ)
Subject: Administrative Rules - Parts 1 to 28 Supplying Water of the Public ORR 2014-023EQ

Attached is the updated JCAR report and draft rules that had a change on page 8 (per Karen Shaler's edits). I will run these hard copies back up before noon.

Thanks,

Tracy Jo

Tracy Jo Devereaux, Management Assistant to
 Liane J. Shekter Smith, P.E., Chief
 Office of Drinking Water and Municipal Assistance
 Michigan Department of Environmental Quality
 Constitution Hall, 4th Floor, South Tower, Pillar P8
 525 W. Allegan Street
 Lansing, Michigan 48933
 ☎517-284-6544
 ✉devereauxt@michigan.gov

From: Shekter Smith, Liane (DEQ)
To: Monosmith, Carrie (DEQ); Butler, Sonya (DEQ); Benzie, Richard (DEQ); Philip, Kris (DEQ)
Cc: Devereaux, Tracy Jo (DEQ)
Subject: FW: April 28-29 R5 PWSS Directors' meeting final agenda
Date: Friday, April 24, 2015 3:02:17 PM
Attachments: R5 PWSS Directors April 28 and 29 2015 FINAL agenda.docx

FYI -

From: Kuefler, Janet [mailto:kuefler.janet@epa.gov]
Sent: Friday, April 24, 2015 1:45 PM
To: Henry, Timothy; Lopez-Carbo, Maria; Bielanski, Andrew; DAnglada, Lesley; Mary.Vollbrecht@wisconsin.gov; Davenport, Thomas; Wortman, Santina; Cordero, Cesar; Rezania, Lih-in W. (MDH); Shanks, Orin; Long, Sharon C; brandon.moss@wisc.edu; jeremy.olstadt@wisc.edu; Darnell, LuAnn; R5 WD GWDW; Al Lao; Benzie, Richard (DEQ); Beth.Messer@epa.state.oh.us; cathrine.wunderlich@wisconsin.gov; Dave.McMillan@illinois.gov; DeBruyn, Dana (DEQ); jill.jonas@wisconsin.gov; mike.baker@epa.state.oh.us; Monosmith, Carrie (DEQ); pcarroll@idem.in.gov; randy.ellingboe@state.mn.us; rick.cobb@illinois.gov; Robert.Smude@state.mn.us; Shekter Smith, Liane (DEQ); Steve Elmore
Cc: Lausted, Andrew; Cossa, Laura; Bakker, Gerry; Marquardt, Steve; Hyde, Tinka; Whittier, Nick
Subject: April 28-29 R5 PWSS Directors' meeting final agenda

Good afternoon!

We are looking forward to our meeting next week and your participation either in person or via webinar.

Please feel free to share this agenda with your staff who might wish to participate remotely via adobe connect webinar. The webinar link, and audio dial-in telephone number are the same for both days, and are included on the agenda. The conference room that we are using has ceiling microphones which provide good audio quality of group discussions for those participating by telephone.

I hope that those of you who will be here in Chicago have safe travels and will join us Tuesday evening for a group dinner at the Bridge House Tavern.

Please contact me if you have any questions and enjoy your weekend!

Janet Kuefler
 Ground Water and Drinking Water Branch
 State Programs Team Leader

United States Environmental Protection Agency, Region 5
 77 West Jackson Blvd. (WG-15J)
 Chicago, Illinois 60604

(312) 886-0123

kluefler.janet@epa.gov

From: [Thelen, Mary Beth \(DEQ\)](#)
To: [DEQ-EXE-MGMT-TEAM](#); [DEQ-District-Coordinaors](#); [Brader, Valerie \(GOV\)](#); [McBride, Bill \(GOV\)](#); [Brown, Eric \(GOV\)](#); [Mike Paitwell \(MPaitwell@Clark-Hill.com\)](#); [Manning, Peter \(AG\)](#)
Cc: [DEQ-EXE-MGMT-TEAM-Secretaries](#); [West, Samantha \(GOV\)](#); [Hart, Nancy \(AG\)](#)
Subject: FW: ECOSWIRE for Friday, April 10
Date: Saturday, April 11, 2015 12:00:19 PM
Attachments: [ECOSWIRE 17-12.doc](#)

FYI as needed.

From: Lia Parisien [<mailto:lparsien@ecos.org>]
Sent: Friday, April 10, 2015 4:11 PM
To: Lia Parisien
Subject: ECOSWIRE for Friday, April 10

ECOS Members:

In this edition:

ACTION ITEMS

- Comments due **April 13** on oversight of state delegated permitting
- Comments due **April 26** on E-Enterprise Portal
- State volunteers sought for new e-permitting scoping team
- Applications due **April 30** for Exchange Network Coordinator job
- Applications due **May 1** for ITRC Director job

IN THE NEWS

- EJSCREEN release delayed to allow for additional state review
- Waters of the U.S. rule travels to OMB
- U.S. EPA announces consent decree on RFS
- ECOS briefed on NPDES e-Reporting Rule
- More on climate, talks around town, U.S. EPA news, transitions

CALLS AND WEBINARS

- 4/16 - ECOS Water Committee
- 4/21 - ECOS Compliance Committee
- 4/28 - EPA webinar on water quality in hospitals, large buildings

Enjoy your weekend!

ECOS Staff

Lia Parisien
 Executive Project Manager
 Environmental Council of the States (ECOS)
 (202) 266-4931
www.ecos.org

Mark your calendar for the Aug. 31-Sept. 2 ECOS Fall Meeting in Newport, RI!

From: Benzie, Richard (DEQ)
To: Bloemker, Jan (DEQ); Donaldson, Kristina (DEQ); Lachance, Amy (DEQ); Thomas, Chuck (DEQ)
Cc: Busch, Stephen (DEQ); Shekter Smith, Liane (DEQ); DeBruyn, Dana (DEQ); Monosmith, Carrie (DEQ); Cook, Pat (DEQ); Philip, Kris (DEQ)
Subject: FW: Hospital Communication
Date: Wednesday, May 13, 2015 6:57:00 PM
Attachments: Water Safety PlanHACCP Information.mso
Water Safety PlanHACCP Information.mso

Here are the two separate emails that Steve sent to the hospitals in Flint that Mike and he visited recently to discuss premise plumbing issues.

Each of the emails has the 3 attachments that were mentioned in the managers meeting today.

The email messages outline an approach we should all follow for now when dealing with these facilities on this issue.

From: Busch, Stephen (DEQ)
Sent: Tuesday, May 05, 2015 3:10 PM
To: Monosmith, Carrie (DEQ); Benzie, Richard (DEQ); Shekter Smith, Liane (DEQ); DeBruyn, Dana (DEQ)
Cc: Prysby, Mike (DEQ)
Subject: Hospital Communication

For your reference, attached are the emails I sent as follow up to meeting with each of the hospitals.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: Benzie, Richard (DEQ)
To: [Shekter Smith, Liane \(DEQ\)](#)
Subject: FW: Information Request and Documentation
Date: Wednesday, March 11, 2015 6:56:00 PM
Attachments: [image001.gif](#)
[ATT00001.htm](#)
[FOIA Request Flint Water.doc](#)
[ATT00002.htm](#)

FYI. I think the word document is the only real attachment.

From: Prysby, Mike (DEQ)
Sent: Wednesday, March 11, 2015 7:35 AM
To: Busch, Stephen (DEQ); Benzie, Richard (DEQ)
Subject: Fwd: Information Request and Documentation

I am out today and will return tomorrow. Having trouble getting the attachment to open on my phone...but since it appears to be a FOIA regarding Legionella, I felt it is prudent to get this message to you. I will be available tomorrow to discuss or compile any info that we have.

Sent from my iPhone

Begin forwarded message:

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)" <prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCCHILD@chd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GJOHNSON@gchd.us>
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry

Jim Henry RS, MBA

Environmental Health Supervisor

Genesee County Health Department www.gchd.us

630 S. Saginaw St., Suite 4

Flint, MI 48502-1540

Phone (810) 257-3618 Fax (810) 257-3125

E-mail jhenry@gchd.us

From: [Shekter, Smith, Liane \(DEQ\)](#)
To: [Wurfel, Brad \(DEQ\)](#); [Sygo, Jim \(DEQ\)](#); [Howes, Sarah \(DEQ\)](#)
Cc: [Shaler, Karen \(DEQ\)](#); [Benzie, Richard \(DEQ\)](#); [Devereaux, Tracy Jo \(DEQ\)](#); [Busch, Stephen \(DEQ\)](#)
Subject: FW: Information Request and Documentation
Date: Thursday, March 12, 2015 8:41:00 AM
Attachments: [FOIA Request Flint Water.doc](#)
Importance: High

The district received this late Tuesday

Steve Busch has indicated that the district has not received a meeting request from Jim Henry or the Genesee County Health Department as indicated in his email below.

The FOIA is specifically directed to the City of Flint not the DEQ.

While the change in source may have created water quality conditions that could provide additional organic nutrient source to support legionella growth, there is no evidence or confirmation of legionella coming directly from the Water Treatment Plant or in the community water supply distribution system at this time.

Seems like the next step is to communicate with DCH and possibly develop a joint strategy/response. Not sure who in Exec wants to take the lead on this. Steve Busch and Mike Prysby will continue to be lead for us on this. They have been in contact with DCH recently but only to learn that little progress has been made in identifying a source or sources for the illnesses.

Begin forwarded message:

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)" <prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILDS@gchd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from

performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry
 Jim Henry RS, MBA
 Environmental Health Supervisor
 Genesee County Health Department www.gchd.us
 630 S. Saginaw St., Suite 4
 Flint, MI 48502-1540
 Phone (810) 257-3618 Fax (810) 257-3125
 E-mail jhenry@gchd.us

From: Busch, Stephen (DEQ)
To: Benzle, Richard (DEQ); Prysby, Mike (DEQ); Shekter Smith, Liane (DEQ)
Subject: FW: Information Request and Documentation
Date: Thursday, March 19, 2015 3:05:09 PM

Response from Jim Henry below.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: Henry, James [mailto:jhenry@gchd.us]
Sent: Thursday, March 19, 2015 12:15 PM
To: Busch, Stephen (DEQ)
Cc: Valacak, Mark; Cupal, Suzanne
Subject: RE: Information Request and Documentation

Hello Mr. Busch,

Thanks for your response. I'm looking forward to working with your office moving forward. Based upon my experiences with this investigation, I think it is necessary for my communications to be candid and followed up in writing whenever possible. Our goal is to successfully conduct this investigation in efforts to better protect the public.

I agree there are ambiguities written in the FOIA request. GCHD does not have municipal water system expertise and we are continuously learning about the processes. The FOIA request is specific enough that we should have received a timely response from the City of Flint. Also, it is addressed to the City and I apologize if there were misunderstandings regarding the intended recipient.

There have not been any conclusions regarding the source of illnesses. Our team is gathering information and we suspect there may be several sources. It has been made clear that the Flint municipal water system is in compliance with the Safe Drinking Water Act. It seems reasonable that your office would be involved regardless if a potential health risk from municipal water is related to consumption, inhalation or dermal exposure. Perhaps the legislation should be revisited to better address risks.

As you mentioned, we had communications with your office in October 2014, regarding Legionella, but I also had three telephone conversations with Mr. Michael Prysby, from your office between January 21, 2015 and January 23, 2015. These conversations occurred around the same time that your office participated with the TTHM presentation in Flint. I "explicitly explained" the details of the Legionella concerns and the possible associations with the Flint municipal water system and I specifically requested to meet with your office for further discussions.

Mr. Prysby informed me that the concerns were discussed with you. I was informed there was no reason to meet because the municipal water system is in compliance with the Safe Drinking Water Act. Other than the timeframes written in your email, you are correct, I did not contact your office again until the email, dated March, 10, 2015.

GCHD has been working closely with MDCH and has consulted with CDC on several occasions regarding the epidemiological investigation. Also, we have been working with Legionella and

municipal water experts, and recently with the USEPA. Based upon these discussions we have been informed that it is likely that a small amount of Legionella will survive the water treatment process at the plant and enter into the distribution system.

Our team is in the process of developing plans, which may include sampling locations within the distribution system and comparing environmental and clinical isolates. We recognize potential social, political and economic impacts regarding this investigation and need to be prepared for all outcomes. Hopefully, your office, the regulatory agency, will be available for assistance.

If a representative from your office is available to meet next week, please respond with some dates and times. I think it would be appropriate for the City to attend meetings and I will contact Mr. Croft, Flint DPW Director, after I receive a response from your office.

Thank you

Jim

Jim Henry
 Jim Henry RS, MBA
 Environmental Health Supervisor
 Genesee County Health Department www.gchd.us
 630 S. Saginaw St., Suite 4
 Flint, MI 48502-1540
 Phone (810) 257-3618 Fax (810) 257-3125
 E-mail jhenry@gchd.us



*NOTICE: This e-mail, including attachments, is intended for the exclusive use of the addressee and may contain proprietary, confidential or privileged information. If you are not the intended recipient, any disclosure, use, distribution, copying, or taking of any action in reliance of the contents of this e-mail is strictly prohibited. If you have received this e-mail in error, please notify me via e-mail and permanently delete the original and destroy all copies. Thank you.

For a copy of the Health Department's Notice of Information Practices, contact the Health Department or visit the Health Department's website at <http://www.gchd.us/>.

From: Busch, Stephen (DEQ) [<mailto:BUSCHS@michigan.gov>]
Sent: Friday, March 13, 2015 3:47 PM
To: Henry, James
Cc: Prysby, Mike (DEQ); Shekter Smith, Liane (DEQ)
Subject: RE: Information Request and Documentation

Mr. Henry,

The January 27, 2015, FOIA request you provided was directed to the City of Flint, not the DEQ. The DEQ has no record of a FOIA request from your office for such information. It is our understanding that the City has responded to your FOIA request, has helped you adequately redefine your request

within the City's scope of public record to address such ambiguities as "any additional areas of concern", and provided you with additional information beyond the scope of your request.

The DEQ fully recognizes the public health threat posed to individuals that contract Legionnaires' Disease with the understanding that the disease is not contracted by ingestion of potable water and therefore not regulated under the federal Safe Drinking Water Act. Your email below claims that you have explicitly explained the situation to our Department. However, since contacting our office early last October to indicate a rise in cases, we have not received any further information regarding your epidemiological investigation into this matter.

Further, conclusions that legionella is coming from the public water system without the presentation of any substantiating evidence from your epidemiologic investigation appears premature and prejudice toward that end.

It is highly unlikely that legionella would be present in treated water coming from the City of Flint water treatment plant given the treatment plant's use of ozone along with complete treatment and chlorine disinfect contact time to comply with federal surface water treatment rules for potable water. Detections of total coliform or heterotrophic bacteria in the City's public water distribution system indicate an environment where bacterial growth may be supported. However, there is no direct correlation that can be made to the presence of legionella. While total organic carbon levels in potable water may serve as a food source for bacteria growth in private plumbing system, water temperatures in the City's distribution system are below legionella growth range, and chlorine residual levels would also limit such growth.

Our office agrees that water main breaks, water leaks, and system repairs are possible vectors for legionella to enter the public water system. These should be investigated as part of your epidemiology. DEQ staff can be made available to assist GCHD and the City regarding such matters, but to date no request by GCHD for any such meeting has been received, let alone declined as alleged in your email.

If GCHD is seeking assistance to complete its epidemiological investigation regarding this matter, such resource requests should be directed to the Michigan Department of Community Health. Our Office agrees that a multi-agency partnership would be beneficial to move forward and develop a unified response. In that respect, if our Office can be of any further assistance you may contact me directly.

Stephen Busch, P.E.

Lansing and Jackson District Supervisor

Office of Drinking Water and Municipal Assistance

MDEQ

517-643-2314

From: "Henry, James" <jhenry@gchd.us>

Date: March 10, 2015 at 6:40:17 PM EDT

To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)"

<prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILDS@gchd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>

Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry
 Jim Henry RS, MBA
 Environmental Health Supervisor
 Genesee County Health Department www.gchd.us
 630 S. Saginaw St., Suite 4
 Flint, MI 48502-1540
 Phone (810) 257-3618 Fax (810) 257-3125
 E-mail jhenry@gchd.us

From: [Shekter Smith, Liane \(DEQ\)](#)
To: [Sygo, Jim \(DEQ\)](#); [Wurfel, Brad \(DEQ\)](#)
Cc: [Benzie, Richard \(DEQ\)](#); [Busch, Stephen \(DEQ\)](#)
Subject: FW: Information Request and Documentation
Date: Thursday, March 19, 2015 3:30:23 PM

Please see the note below.

Has there been any further communication with or from DCH?

From: Busch, Stephen (DEQ)
Sent: Thursday, March 19, 2015 3:05 PM
To: Benzie, Richard (DEQ); Prysby, Mike (DEQ); Shekter Smith, Liane (DEQ)
Subject: FW: Information Request and Documentation

Response from Jim Henry below.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: Henry, James [<mailto:jhenry@gchd.us>]
Sent: Thursday, March 19, 2015 12:15 PM
To: Busch, Stephen (DEQ)
Cc: Valacak, Mark; Cupal, Suzanne
Subject: RE: Information Request and Documentation

Hello Mr. Busch,

Thanks for your response. I'm looking forward to working with your office moving forward. Based upon my experiences with this investigation, I think it is necessary for my communications to be candid and followed up in writing whenever possible. Our goal is to successfully conduct this investigation in efforts to better protect the public.

I agree there are ambiguities written in the FOIA request. GCHD does not have municipal water system expertise and we are continuously learning about the processes. The FOIA request is specific enough that we should have received a timely response from the City of Flint. Also, it is addressed to the City and I apologize if there were misunderstandings regarding the intended recipient.

There have not been any conclusions regarding the source of illnesses. Our team is gathering

information and we suspect there may be several sources. It has been made clear that the Flint municipal water system is in compliance with the Safe Drinking Water Act. It seems reasonable that your office would be involved regardless if a potential health risk from municipal water is related to consumption, inhalation or dermal exposure. Perhaps the legislation should be revisited to better address risks.

As you mentioned, we had communications with your office in October 2014, regarding Legionella, but I also had three telephone conversations with Mr. Michael Prysby, from your office between January 21, 2015 and January 23, 2015. These conversations occurred around the same time that your office participated with the TTHM presentation in Flint. I "explicitly explained" the details of the Legionella concerns and the possible associations with the Flint municipal water system and I specifically requested to meet with your office for further discussions.

Mr. Prysby informed me that the concerns were discussed with you. I was informed there was no reason to meet because the municipal water system is in compliance with the Safe Drinking Water Act. Other than the timeframes written in your email, you are correct, I did not contact your office again until the email, dated March, 10, 2015.

GCHD has been working closely with MDCH and has consulted with CDC on several occasions regarding the epidemiological investigation. Also, we have been working with Legionella and municipal water experts, and recently with the USEPA. Based upon these discussions we have been informed that it is likely that a small amount of Legionella will survive the water treatment process at the plant and enter into the distribution system.

Our team is in the process of developing plans, which may include sampling locations within the distribution system and comparing environmental and clinical isolates. We recognize potential social, political and economic impacts regarding this investigation and need to be prepared for all outcomes. Hopefully, your office, the regulatory agency, will be available for assistance.

If a representative from your office is available to meet next week, please respond with some dates and times. I think it would be appropriate for the City to attend meetings and I will contact Mr. Croft, Flint DPW Director, after I receive a response from your office.

Thank you

Jim

Jim Henry

Jim Henry RS, MBA
 Environmental Health Supervisor
 Genesee County Health Department www.gchd.us
 630 S. Saginaw St., Suite 4
 Flint, MI 48502-1540
 Phone (810) 257-3618 Fax (810) 257-3125
 E-mail jhenry@gchd.us



⁴NOTICE: This e-mail, including attachments, is intended for the exclusive use of the addressee and may contain proprietary, confidential or privileged information. If you are not the intended recipient, any disclosure, use, distribution, copying, or taking of any action in reliance of the contents of this e-mail is strictly prohibited. If you have received this e-mail in error, please notify me via e-mail and permanently delete the original and destroy all copies. Thank you.

For a copy of the Health Department's Notice of Information Practices, contact the Health Department or visit the Health Department's website at <http://www.gchd.us/>

From: Busch, Stephen (DEQ) [<mailto:BUSCHS@michigan.gov>]
Sent: Friday, March 13, 2015 3:47 PM
To: Henry, James
Cc: Prysby, Mike (DEQ); Shekter Smith, Liane (DEQ)
Subject: RE: Information Request and Documentation

Mr. Henry,

The January 27, 2015, FOIA request you provided was directed to the City of Flint, not the DEQ. The DEQ has no record of a FOIA request from your office for such information. It is our understanding that the City has responded to your FOIA request, has helped you adequately redefine your request within the City's scope of public record to address such ambiguities as "any additional areas of concern", and provided you with additional information beyond the scope of your request.

The DEQ fully recognizes the public health threat posed to individuals that contract Legionnaires' Disease with the understanding that the disease is not contracted by ingestion of potable water and therefore not regulated under the federal Safe Drinking Water Act. Your email below claims that you have explicitly explained the situation to our Department. However, since contacting our office early last October to indicate a rise in cases, we have not received any further information regarding your epidemiological investigation into this matter.

Further, conclusions that legionella is coming from the public water system without the presentation of any substantiating evidence from your epidemiologic investigation appears premature and prejudice toward that end.

It is highly unlikely that legionella would be present in treated water coming from the City of Flint water treatment plant given the treatment plant's use of ozone along with complete treatment and chlorine disinfect contact time to comply with federal surface water treatment rules for potable water. Detections of total coliform or heterotrophic bacteria in the City's public water distribution system indicate an environment where bacterial growth may be supported. However, there is no direct correlation that can be made to the presence of legionella. While total organic carbon levels in potable water may serve as a food source for bacteria growth in private plumbing system, water temperatures in the City's distribution system are below legionella growth range, and chlorine residual levels would also limit such growth.

Our office agrees that water main breaks, water leaks, and system repairs are possible vectors for legionella to enter the public water system. These should be investigated as part of your epidemiology. DEQ staff can be made available to assist GCHD and the City regarding such matters, but to date no request by GCHD for any such meeting has been received, let alone declined as alleged in your email.

If GCHD is seeking assistance to complete its epidemiological investigation regarding this matter, such resource requests should be directed to the Michigan Department of Community Health. Our Office agrees that a multi-agency partnership would be beneficial to move forward and develop a unified response. In that respect, if our Office can be of any further assistance you may contact me directly.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)" <prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILDS@gchd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been

received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry

Jim Henry RS, MBA

Environmental Health Supervisor

Genesee County Health Department www.gchd.us

630 S. Saginaw St., Suite 4

Flint, MI 48502-1540

Phone (810) 257-3618 Fax (810) 257-3125

E-mail jhenry@gchd.us

From: [Shekter Smith, Liane \(DEQ\)](#)
To: [Sygo, Jim \(DEQ\)](#); [Wurfel, Brad \(DEQ\)](#)
Cc: [Benzie, Richard \(DEQ\)](#); [Busch, Stephen \(DEQ\)](#)
Subject: FW: Information Request and Documentation
Date: Thursday, March 19, 2015 3:30:23 PM

Please see the note below.

Has there been any further communication with or from DCH?

From: Busch, Stephen (DEQ)
Sent: Thursday, March 19, 2015 3:05 PM
To: Benzie, Richard (DEQ); Prysby, Mike (DEQ); Shekter Smith, Liane (DEQ)
Subject: FW: Information Request and Documentation

Response from Jim Henry below.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: Henry, James [<mailto:jhenry@gchd.us>]
Sent: Thursday, March 19, 2015 12:15 PM
To: Busch, Stephen (DEQ)
Cc: Valacak, Mark; Cupal, Suzanne
Subject: RE: Information Request and Documentation

Hello Mr. Busch,

Thanks for your response. I'm looking forward to working with your office moving forward. Based upon my experiences with this investigation, I think it is necessary for my communications to be candid and followed up in writing whenever possible. Our goal is to successfully conduct this investigation in efforts to better protect the public.

I agree there are ambiguities written in the FOIA request. GCHD does not have municipal water system expertise and we are continuously learning about the processes. The FOIA request is specific enough that we should have received a timely response from the City of Flint. Also, it is addressed to the City and I apologize if there were misunderstandings regarding the intended recipient.

There have not been any conclusions regarding the source of illnesses. Our team is gathering

information and we suspect there may be several sources. It has been made clear that the Flint municipal water system is in compliance with the Safe Drinking Water Act. It seems reasonable that your office would be involved regardless if a potential health risk from municipal water is related to consumption, inhalation or dermal exposure. Perhaps the legislation should be revisited to better address risks.

As you mentioned, we had communications with your office in October 2014, regarding Legionella, but I also had three telephone conversations with Mr. Michael Prysby, from your office between January 21, 2015 and January 23, 2015. These conversations occurred around the same time that your office participated with the TTHM presentation in Flint. I "explicitly explained" the details of the Legionella concerns and the possible associations with the Flint municipal water system and I specifically requested to meet with your office for further discussions.

Mr. Prysby informed me that the concerns were discussed with you. I was informed there was no reason to meet because the municipal water system is in compliance with the Safe Drinking Water Act. Other than the timeframes written in your email, you are correct, I did not contact your office again until the email, dated March, 10, 2015.

GCHD has been working closely with MDCH and has consulted with CDC on several occasions regarding the epidemiological investigation. Also, we have been working with Legionella and municipal water experts, and recently with the USEPA. Based upon these discussions we have been informed that it is likely that a small amount of Legionella will survive the water treatment process at the plant and enter into the distribution system.

Our team is in the process of developing plans, which may include sampling locations within the distribution system and comparing environmental and clinical isolates. We recognize potential social, political and economic impacts regarding this investigation and need to be prepared for all outcomes. Hopefully, your office, the regulatory agency, will be available for assistance.

If a representative from your office is available to meet next week, please respond with some dates and times. I think it would be appropriate for the City to attend meetings and I will contact Mr. Croft, Flint DPW Director, after I receive a response from your office.

Thank you

Jim

Jim Henry

Jim Henry RS, MBA
 Environmental Health Supervisor
 Genesee County Health Department www.gchd.us
 630 S. Saginaw St., Suite 4
 Flint, MI 48502-1540
 Phone (810) 257-3618 Fax (810) 257-3125
 E-mail jhenry@gchd.us



⁴NOTICE: This e-mail, including attachments, is intended for the exclusive use of the addressee and may contain proprietary, confidential or privileged information. If you are not the intended recipient, any disclosure, use, distribution, copying, or taking of any action in reliance of the contents of this e-mail is strictly prohibited. If you have received this e-mail in error, please notify me via e-mail and permanently delete the original and destroy all copies. Thank you.

For a copy of the Health Department's Notice of Information Practices, contact the Health Department or visit the Health Department's website at <http://www.gchd.us/>

From: Busch, Stephen (DEQ) [<mailto:BUSCHS@michigan.gov>]
Sent: Friday, March 13, 2015 3:47 PM
To: Henry, James
Cc: Prysby, Mike (DEQ); Shekter Smith, Liane (DEQ)
Subject: RE: Information Request and Documentation

Mr. Henry,

The January 27, 2015, FOIA request you provided was directed to the City of Flint, not the DEQ. The DEQ has no record of a FOIA request from your office for such information. It is our understanding that the City has responded to your FOIA request, has helped you adequately redefine your request within the City's scope of public record to address such ambiguities as "any additional areas of concern", and provided you with additional information beyond the scope of your request.

The DEQ fully recognizes the public health threat posed to individuals that contract Legionnaires' Disease with the understanding that the disease is not contracted by ingestion of potable water and therefore not regulated under the federal Safe Drinking Water Act. Your email below claims that you have explicitly explained the situation to our Department. However, since contacting our office early last October to indicate a rise in cases, we have not received any further information regarding your epidemiological investigation into this matter.

Further, conclusions that legionella is coming from the public water system without the presentation of any substantiating evidence from your epidemiologic investigation appears premature and prejudice toward that end.

It is highly unlikely that legionella would be present in treated water coming from the City of Flint water treatment plant given the treatment plant's use of ozone along with complete treatment and chlorine disinfect contact time to comply with federal surface water treatment rules for potable water. Detections of total coliform or heterotrophic bacteria in the City's public water distribution system indicate an environment where bacterial growth may be supported. However, there is no direct correlation that can be made to the presence of legionella. While total organic carbon levels in potable water may serve as a food source for bacteria growth in private plumbing system, water temperatures in the City's distribution system are below legionella growth range, and chlorine residual levels would also limit such growth.

Our office agrees that water main breaks, water leaks, and system repairs are possible vectors for legionella to enter the public water system. These should be investigated as part of your epidemiology. DEQ staff can be made available to assist GCHD and the City regarding such matters, but to date no request by GCHD for any such meeting has been received, let alone declined as alleged in your email.

If GCHD is seeking assistance to complete its epidemiological investigation regarding this matter, such resource requests should be directed to the Michigan Department of Community Health. Our Office agrees that a multi-agency partnership would be beneficial to move forward and develop a unified response. In that respect, if our Office can be of any further assistance you may contact me directly.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)" <prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILDS@gchd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been

received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry

Jim Henry RS, MBA

Environmental Health Supervisor

Genesee County Health Department www.gchd.us

630 S. Saginaw St., Suite 4

Flint, MI 48502-1540

Phone (810) 257-3618 Fax (810) 257-3125

E-mail jhenry@gchd.us

From: [Shekter, Smith, Liane \(DEQ\)](#)
To: [Wurfel, Brad \(DEQ\)](#); [Sygo, Jim \(DEQ\)](#); [Howes, Sarah \(DEQ\)](#)
Cc: [Shaler, Karen \(DEQ\)](#); [Benzie, Richard \(DEQ\)](#); [Devereaux, Tracy Jo \(DEQ\)](#); [Busch, Stephen \(DEQ\)](#)
Subject: FW: Information Request and Documentation
Date: Thursday, March 12, 2015 8:41:00 AM
Attachments: [FOIA Request Flint Water.doc](#)
Importance: High

The district received this late Tuesday

Steve Busch has indicated that the district has not received a meeting request from Jim Henry or the Genesee County Health Department as indicated in his email below.

The FOIA is specifically directed to the City of Flint not the DEQ.

While the change in source may have created water quality conditions that could provide additional organic nutrient source to support legionella growth, there is no evidence or confirmation of legionella coming directly from the Water Treatment Plant or in the community water supply distribution system at this time.

Seems like the next step is to communicate with DCH and possibly develop a joint strategy/response. Not sure who in Exec wants to take the lead on this. Steve Busch and Mike Prysby will continue to be lead for us on this. They have been in contact with DCH recently but only to learn that little progress has been made in identifying a source or sources for the illnesses.

Begin forwarded message:

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)" <prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILDS@gchd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from

performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry
 Jim Henry RS, MBA
 Environmental Health Supervisor
 Genesee County Health Department www.gchd.us
 630 S. Saginaw St., Suite 4
 Flint, MI 48502-1540
 Phone (810) 257-3618 Fax (810) 257-3125
 E-mail jhenry@gchd.us

From: [Shekler, Smith, Liane \(DEQ\)](#)
To: [Wurfel, Brad \(DEQ\)](#); [Sygo, Jim \(DEQ\)](#); [Howes, Sarah \(DEQ\)](#)
Cc: [Shaler, Karen \(DEQ\)](#); [Benzie, Richard \(DEQ\)](#); [Devereaux, Tracy Jo \(DEQ\)](#); [Busch, Stephen \(DEQ\)](#)
Subject: FW: Information Request and Documentation
Date: Thursday, March 12, 2015 8:41:00 AM
Attachments: [FOIA Request Flint Water.doc](#)
Importance: High

The district received this late Tuesday

Steve Busch has indicated that the district has not received a meeting request from Jim Henry or the Genesee County Health Department as indicated in his email below.

The FOIA is specifically directed to the City of Flint not the DEQ.

While the change in source may have created water quality conditions that could provide additional organic nutrient source to support legionella growth, there is no evidence or confirmation of legionella coming directly from the Water Treatment Plant or in the community water supply distribution system at this time.

Seems like the next step is to communicate with DCH and possibly develop a joint strategy/response. Not sure who in Exec wants to take the lead on this. Steve Busch and Mike Prysby will continue to be lead for us on this. They have been in contact with DCH recently but only to learn that little progress has been made in identifying a source or sources for the illnesses.

Begin forwarded message:

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)" <prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILDS@gchd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from

performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry
 Jim Henry RS, MBA
 Environmental Health Supervisor
 Genesee County Health Department www.gchd.us
 630 S. Saginaw St., Suite 4
 Flint, MI 48502-1540
 Phone (810) 257-3618 Fax (810) 257-3125
 E-mail jhenry@gchd.us

From: [Shekter Smith, Liane \(DEQ\)](#)
To: [Miller, Corinne \(DCH\)](#)
Cc: [Busch, Stephen \(DEQ\)](#); [Benzie, Richard \(DEQ\)](#)
Subject: FW: Information Request and Documentation
Date: Thursday, March 12, 2015 2:48:04 PM
Attachments: [FOIA Request Flint Water.doc](#)

Corinne –

This is the e-mail I mentioned this morning.

Liane J. Shekter Smith, P.E., Chief
 Office of Drinking Water and Municipal Assistance
 Michigan Department of Environmental Quality
 517-284-6543

Begin forwarded message:

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)" <prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILDS@gchd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with

the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry
Jim Henry RS, MBA
Environmental Health Supervisor
Genesee County Health Department www.gchd.us
630 S. Saginaw St., Suite 4
Flint, MI 48502-1540
Phone (810) 257-3618 Fax (810) 257-3125
Email jhenry@gchd.us

From: [Shekter Smith, Liane \(DEQ\)](#)
To: [Miller, Corinne \(DCH\)](#)
Cc: [Busch, Stephen \(DEQ\)](#); [Benzie, Richard \(DEQ\)](#)
Subject: FW: Information Request and Documentation
Date: Thursday, March 12, 2015 2:48:04 PM
Attachments: [FOIA Request Flint Water.doc](#)

Corinne –

This is the e-mail I mentioned this morning.

Liane J. Shekter Smith, P.E., Chief
 Office of Drinking Water and Municipal Assistance
 Michigan Department of Environmental Quality
 517-284-6543

Begin forwarded message:

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)" <prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILDS@gchd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with

the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry
Jim Henry RS, MBA
Environmental Health Supervisor
Genesee County Health Department www.gchd.us
630 S. Saginaw St., Suite 4
Flint, MI 48502-1540
Phone (810) 257-3618 Fax (810) 257-3125
Email jhenry@gchd.us

From: Benzie, Richard (DEQ)
To: Gov. Thomas Crooks, Jennifer
Subject: FW: Information Request and Documentation
Date: Thursday, March 12, 2015 7:21:00 PM
Attachments: FOIA Request Flint Water.doc
Importance: High

Please treat this information as confidential at this point as I am not sure when and who will bring this matter forward for public knowledge. But I thought you should get a heads up that another problem could become public soon. Liane forwarded the message from Genesee County to our management this morning along with the attached document, but we have not received a response yet. She also contacted the Department of Community Health and they are following up with the County. They told Liane that they have been offering assistance to the county on this matter on several occasions and had not received a response.

Steve and Mike indicated that they were not contacted by the county on this issue as stated in the attachment, so we don't know who they did contact or if they did. We suspect they are escalating the request for information at this time, but we also wonder why they need much of the information they requested from the city to conduct their investigation, which should have been completed by now. Both DEQ and DCH had the same reaction to their statement about the river before they complete their investigation.

Steve, Liane and I will be meeting tomorrow morning to discuss further. We may be meeting with the executive office as well.

From: Benzie, Richard (DEQ)
Sent: Wednesday, March 11, 2015 7:33 PM
To: Shekter Smith, Liane (DEQ)
Cc: Busch, Stephen (DEQ); Prysby, Mike (DEQ)
Subject: RE: Information Request and Documentation

Liane,

Steve's initial response is below.

As I see it, we need a plan of action fast.

- 1) Inform DEQ management, including legislative and media liaisons; suggest additional communication with DCH
- 2) Prepare response to Genesee County email – did anyone in ODWMA or DEQ have any contact with Genesee County about Legionella and if so, when and what? Was anyone in ODWMA or DEQ requested to meet with Genesee County to discuss Legionella and if so, when, and did they “decline” to meet?
- 3) Contact Flint to alert them of County's concerns and determine their response to the January 27th FOIA request.
- 4) Arrange for a meeting with Genesee County and other parties as deemed appropriate by DEQ management – DCH, Flint, Governor's Office, etc.; Establish a “Lead” agency but also develop a team approach to move forward and determine an appropriate, common

message as well as when such information should be shared and by whom. Determine how long has Genesee County, DCH, and Flint been aware of the increased cases of Legionella and what the message should be about delays in public notification.

- 5) Determine additional steps – possible monitoring protocols, premise plumbing treatment options, public precautions if any, etc.; Consider possible CDC assistance.
- 6) Determine if EPA will be willing to share their draft Legionella guidance document being developed by a workgroup consisting of EPA, the States of Ohio, Minnesota, Pennsylvania, Washington, Nevada, Missouri and Nebraska, and CDC. The guidance will characterize the effectiveness of treatment technologies to address Legionella and address relevant regulatory implications. The primary implication is that individual customers that install “secondary” treatment systems to remove, reduce or prevent Legionella in their premise plumbing (such as hospitals are already doing) become by federal definition, public water systems required to comply with all applicable requirements of the Safe Drinking Water Act. The guidance has been delayed by internal reviews at EPA, but they are hoping to be able to have a final document in summer of 2015.

That’s all I can think of at this point. Let me know what you think.

From: Busch, Stephen (DEQ)
Sent: Wednesday, March 11, 2015 9:37 AM
To: Prysby, Mike (DEQ); Benzie, Richard (DEQ)
Subject: RE: Information Request and Documentation

Mike,

I am not aware of a meeting request from Jim Henry or the Genesee County Health Department as indicated in his email below. Did you receive any such request?

The FOIA is specifically directed to the City of Flint not the DEQ. If requested some of the information asked for regarding Total Coliform and E.Coli compliance sampling could be provided, but there may also be additional construction repair sampling data.

We can respond to Jim when you get back in, but at this point while the change in source may have created water quality conditions that could provide additional organic nutrient source to support legionella growth, there is no evidence or confirmation of legionella coming directly from the Water Treatment Plant or in the community water supply distribution system at this time.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: Prysby, Mike (DEQ)
Sent: Wednesday, March 11, 2015 7:35 AM
To: Busch, Stephen (DEQ); Benzie, Richard (DEQ)
Subject: Fwd: Information Request and Documentation

I am out today and will return tomorrow. Having trouble getting the attachment to open on my phone...but since it appears to be a FOIA regarding Legionella, I felt it is prudent to get this message to you. I will be available tomorrow to discuss or compile any info that we have.

Sent from my iPhone

Begin forwarded message:

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityoffflint.com>, "Mike Prysby (DEQ)" <prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityoffflint.com>, "Natasha Henderson" <nhenderson@cityoffflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityoffflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILD@chd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry
Jim Henry RS, MBA
Environmental Health Supervisor
Genesee County Health Department www.gchd.us
630 S. Saginaw St., Suite 4
Flint, MI 48502-1540
Phone (810) 257-3618 Fax (810) 257-3125
E-mail jhenry@gchd.us

From: Shekter Smith, Liane (DEQ)
To: Wurfel, Brad (DEQ); Benzie, Richard (DEQ); Syon, Jim (DEQ); Howes, Sarah (DEQ)
Cc: Busch, Stephen (DEQ); Prysby, Mike (DEQ)
Subject: FW: Information Request and Documentation
Date: Friday, March 13, 2015 3:55:20 PM
Attachments: FOIA Request Flint Water.doc

FYI – in case you weren't bcc'd on this note. Just wanted to make sure we stay on the same page...

Nicely done Steve and Mike.

From: Busch, Stephen (DEQ)
Sent: Friday, March 13, 2015 3:47 PM
To: jhenry@gchd.us
Cc: Prysby, Mike (DEQ); Shekter Smith, Liane (DEQ)
Subject: RE: Information Request and Documentation

Mr. Henry,

The January 27, 2015, FOIA request you provided was directed to the City of Flint, not the DEQ. The DEQ has no record of a FOIA request from your office for such information. It is our understanding that the City has responded to your FOIA request, has helped you adequately redefine your request within the City's scope of public record to address such ambiguities as "any additional areas of concern", and provided you with additional information beyond the scope of your request.

The DEQ fully recognizes the public health threat posed to individuals that contract Legionnaires' Disease with the understanding that the disease is not contracted by ingestion of potable water and therefore not regulated under the federal Safe Drinking Water Act. Your email below claims that you have explicitly explained the situation to our Department. However, since contacting our office early last October to indicate a rise in cases, we have not received any further information regarding your epidemiological investigation into this matter.

Further, conclusions that legionella is coming from the public water system without the presentation of any substantiating evidence from your epidemiologic investigation appears premature and prejudice toward that end.

It is highly unlikely that legionella would be present in treated water coming from the City of Flint water treatment plant given the treatment plant's use of ozone along with complete treatment and chlorine disinfect contact time to comply with federal surface water treatment rules for potable water. Detections of total coliform or heterotrophic bacteria in the City's public water distribution system indicate an environment where bacterial growth may be supported. However, there is no direct correlation that can be made to the presence of legionella. While total organic carbon levels in potable water may serve as a

food source for bacteria growth in private plumbing system, water temperatures in the City's distribution system are below legionella growth range, and chlorine residual levels would also limit such growth.

Our office agrees that water main breaks, water leaks, and system repairs are possible vectors for legionella to enter the public water system. These should be investigated as part of your epidemiology. DEQ staff can be made available to assist GCHD and the City regarding such matters, but to date no request by GCHD for any such meeting has been received, let alone declined as alleged in your email.

If GCHD is seeking assistance to complete its epidemiological investigation regarding this matter, such resource requests should be directed to the Michigan Department of Community Health. Our Office agrees that a multi-agency partnership would be beneficial to move forward and develop a unified response. In that respect, if our Office can be of any further assistance you may contact me directly.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityoffflint.com>, "Mike Prysby (DEQ)" <pryshym@michigan.gov>, Elizabeth Murphy <emurphy@cityoffflint.com>, "Natasha Henderson" <nhenderson@cityoffflint.com>, Jerry Ambrose <jambrose49@gmail.com>, Dayne Walling <dwalling@cityoffflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILDS@gchd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry

Jim Henry RS, MBA

Environmental Health Supervisor

Genesee County Health Department www.gchd.us

630 S. Saginaw St., Suite 4

Flint, MI 48502-1540

Phone (810) 257-3618 Fax (810) 257-3125

E-mail jhenry@gchd.us

From: Shekter Smith, Liane (DEQ)
To: Wurfel, Brad (DEQ); Benzie, Richard (DEQ); Syon, Jim (DEQ); Howes, Sarah (DEQ)
Cc: Busch, Stephen (DEQ); Prysby, Mike (DEQ)
Subject: FW: Information Request and Documentation
Date: Friday, March 13, 2015 3:55:20 PM
Attachments: FOIA Request Flint Water.doc

FYI – in case you weren't bcc'd on this note. Just wanted to make sure we stay on the same page...

Nicely done Steve and Mike.

From: Busch, Stephen (DEQ)
Sent: Friday, March 13, 2015 3:47 PM
To: jhenry@gchd.us
Cc: Prysby, Mike (DEQ); Shekter Smith, Liane (DEQ)
Subject: RE: Information Request and Documentation

Mr. Henry,

The January 27, 2015, FOIA request you provided was directed to the City of Flint, not the DEQ. The DEQ has no record of a FOIA request from your office for such information. It is our understanding that the City has responded to your FOIA request, has helped you adequately redefine your request within the City's scope of public record to address such ambiguities as "any additional areas of concern", and provided you with additional information beyond the scope of your request.

The DEQ fully recognizes the public health threat posed to individuals that contract Legionnaires' Disease with the understanding that the disease is not contracted by ingestion of potable water and therefore not regulated under the federal Safe Drinking Water Act. Your email below claims that you have explicitly explained the situation to our Department. However, since contacting our office early last October to indicate a rise in cases, we have not received any further information regarding your epidemiological investigation into this matter.

Further, conclusions that legionella is coming from the public water system without the presentation of any substantiating evidence from your epidemiologic investigation appears premature and prejudice toward that end.

It is highly unlikely that legionella would be present in treated water coming from the City of Flint water treatment plant given the treatment plant's use of ozone along with complete treatment and chlorine disinfect contact time to comply with federal surface water treatment rules for potable water. Detections of total coliform or heterotrophic bacteria in the City's public water distribution system indicate an environment where bacterial growth may be supported. However, there is no direct correlation that can be made to the presence of legionella. While total organic carbon levels in potable water may serve as a

food source for bacteria growth in private plumbing system, water temperatures in the City's distribution system are below legionella growth range, and chlorine residual levels would also limit such growth.

Our office agrees that water main breaks, water leaks, and system repairs are possible vectors for legionella to enter the public water system. These should be investigated as part of your epidemiology. DEQ staff can be made available to assist GCHD and the City regarding such matters, but to date no request by GCHD for any such meeting has been received, let alone declined as alleged in your email.

If GCHD is seeking assistance to complete its epidemiological investigation regarding this matter, such resource requests should be directed to the Michigan Department of Community Health. Our Office agrees that a multi-agency partnership would be beneficial to move forward and develop a unified response. In that respect, if our Office can be of any further assistance you may contact me directly.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityoffflint.com>, "Mike Prysby (DEQ)" <pryshym@michigan.gov>, Elizabeth Murphy <emurphy@cityoffflint.com>, "Natasha Henderson" <nhenderson@cityoffflint.com>, Jerry Ambrose <jambrose49@gmail.com>, Dayne Walling <dwalling@cityoffflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILDS@gchd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry

Jim Henry RS, MBA

Environmental Health Supervisor

Genesee County Health Department www.gchd.us

630 S. Saginaw St., Suite 4

Flint, MI 48502-1540

Phone (810) 257-3618 Fax (810) 257-3125

E-mail jhenry@gchd.us

From: Busch, Stephen (DEQ)
To: Benzle, Richard (DEQ); Prysby, Mike (DEQ); Shekter Smith, Liane (DEQ)
Subject: FW: Information Request and Documentation
Date: Thursday, March 19, 2015 3:05:09 PM

Response from Jim Henry below.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: Henry, James [mailto:jhenry@gchd.us]
Sent: Thursday, March 19, 2015 12:15 PM
To: Busch, Stephen (DEQ)
Cc: Valacak, Mark; Cupal, Suzanne
Subject: RE: Information Request and Documentation

Hello Mr. Busch,

Thanks for your response. I'm looking forward to working with your office moving forward. Based upon my experiences with this investigation, I think it is necessary for my communications to be candid and followed up in writing whenever possible. Our goal is to successfully conduct this investigation in efforts to better protect the public.

I agree there are ambiguities written in the FOIA request. GCHD does not have municipal water system expertise and we are continuously learning about the processes. The FOIA request is specific enough that we should have received a timely response from the City of Flint. Also, it is addressed to the City and I apologize if there were misunderstandings regarding the intended recipient.

There have not been any conclusions regarding the source of illnesses. Our team is gathering information and we suspect there may be several sources. It has been made clear that the Flint municipal water system is in compliance with the Safe Drinking Water Act. It seems reasonable that your office would be involved regardless if a potential health risk from municipal water is related to consumption, inhalation or dermal exposure. Perhaps the legislation should be revisited to better address risks.

As you mentioned, we had communications with your office in October 2014, regarding Legionella, but I also had three telephone conversations with Mr. Michael Prysby, from your office between January 21, 2015 and January 23, 2015. These conversations occurred around the same time that your office participated with the TTHM presentation in Flint. I "explicitly explained" the details of the Legionella concerns and the possible associations with the Flint municipal water system and I specifically requested to meet with your office for further discussions.

Mr. Prysby informed me that the concerns were discussed with you. I was informed there was no reason to meet because the municipal water system is in compliance with the Safe Drinking Water Act. Other than the timeframes written in your email, you are correct, I did not contact your office again until the email, dated March, 10, 2015.

GCHD has been working closely with MDCH and has consulted with CDC on several occasions regarding the epidemiological investigation. Also, we have been working with Legionella and

municipal water experts, and recently with the USEPA. Based upon these discussions we have been informed that it is likely that a small amount of Legionella will survive the water treatment process at the plant and enter into the distribution system.

Our team is in the process of developing plans, which may include sampling locations within the distribution system and comparing environmental and clinical isolates. We recognize potential social, political and economic impacts regarding this investigation and need to be prepared for all outcomes. Hopefully, your office, the regulatory agency, will be available for assistance.

If a representative from your office is available to meet next week, please respond with some dates and times. I think it would be appropriate for the City to attend meetings and I will contact Mr. Croft, Flint DPW Director, after I receive a response from your office.

Thank you

Jim

Jim Henry
 Jim Henry RS, MBA
 Environmental Health Supervisor
 Genesee County Health Department www.gchd.us
 630 S. Saginaw St., Suite 4
 Flint, MI 48502-1540
 Phone (810) 257-3618 Fax (810) 257-3125
 E-mail jhenry@gchd.us



*NOTICE: This e-mail, including attachments, is intended for the exclusive use of the addressee and may contain proprietary, confidential or privileged information. If you are not the intended recipient, any disclosure, use, distribution, copying, or taking of any action in reliance of the contents of this e-mail is strictly prohibited. If you have received this e-mail in error, please notify me via e-mail and permanently delete the original and destroy all copies. Thank you.

For a copy of the Health Department's Notice of Information Practices, contact the Health Department or visit the Health Department's website at <http://www.gchd.us/>.

From: Busch, Stephen (DEQ) [<mailto:BUSCHS@michigan.gov>]
Sent: Friday, March 13, 2015 3:47 PM
To: Henry, James
Cc: Prysby, Mike (DEQ); Shekter Smith, Liane (DEQ)
Subject: RE: Information Request and Documentation

Mr. Henry,

The January 27, 2015, FOIA request you provided was directed to the City of Flint, not the DEQ. The DEQ has no record of a FOIA request from your office for such information. It is our understanding that the City has responded to your FOIA request, has helped you adequately redefine your request

within the City's scope of public record to address such ambiguities as "any additional areas of concern", and provided you with additional information beyond the scope of your request.

The DEQ fully recognizes the public health threat posed to individuals that contract Legionnaires' Disease with the understanding that the disease is not contracted by ingestion of potable water and therefore not regulated under the federal Safe Drinking Water Act. Your email below claims that you have explicitly explained the situation to our Department. However, since contacting our office early last October to indicate a rise in cases, we have not received any further information regarding your epidemiological investigation into this matter.

Further, conclusions that legionella is coming from the public water system without the presentation of any substantiating evidence from your epidemiologic investigation appears premature and prejudice toward that end.

It is highly unlikely that legionella would be present in treated water coming from the City of Flint water treatment plant given the treatment plant's use of ozone along with complete treatment and chlorine disinfect contact time to comply with federal surface water treatment rules for potable water. Detections of total coliform or heterotrophic bacteria in the City's public water distribution system indicate an environment where bacterial growth may be supported. However, there is no direct correlation that can be made to the presence of legionella. While total organic carbon levels in potable water may serve as a food source for bacteria growth in private plumbing system, water temperatures in the City's distribution system are below legionella growth range, and chlorine residual levels would also limit such growth.

Our office agrees that water main breaks, water leaks, and system repairs are possible vectors for legionella to enter the public water system. These should be investigated as part of your epidemiology. DEQ staff can be made available to assist GCHD and the City regarding such matters, but to date no request by GCHD for any such meeting has been received, let alone declined as alleged in your email.

If GCHD is seeking assistance to complete its epidemiological investigation regarding this matter, such resource requests should be directed to the Michigan Department of Community Health. Our Office agrees that a multi-agency partnership would be beneficial to move forward and develop a unified response. In that respect, if our Office can be of any further assistance you may contact me directly.

Stephen Busch, P.E.

Lansing and Jackson District Supervisor

Office of Drinking Water and Municipal Assistance

MDEQ

517-643-2314

From: "Henry, James" <jhenry@gchd.us>

Date: March 10, 2015 at 6:40:17 PM EDT

To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)"

<prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILDS@gchd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>

Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry
 Jim Henry RS, MBA
 Environmental Health Supervisor
 Genesee County Health Department www.gchd.us
 630 S. Saginaw St., Suite 4
 Flint, MI 48502-1540
 Phone (810) 257-3618 Fax (810) 257-3125
 E-mail jhenry@gchd.us

From: Monosmith, Carrie (DEQ)
To: Shelter Smith, Liane (DEQ); Benzie, Richard (DEQ)
Cc: Busch, Stephen (DEQ)
Subject: FW: MHA & Michigan DEQ re: McLaren-Flint Water Treatment to Prevent Legionella
Date: Thursday, March 19, 2015 8:21:32 AM
Attachments: MHA & Michigan DEQ re McLaren-Flint Water Treatment to Prevent Legionella.doc
Importance: High

I have finally been able to set up a conference call with some of the members of the Michigan Hospital Association. However, I do believe they are more interested in what is happening in Flint rather than the regulatory aspects of secondary treatment. Unfortunately, this meeting can only be held at 3 PM this afternoon, or else it will wait at least 2 more weeks because one of their participants will be out of the country.

I worked with Janice Jones, MHA, to get this set up. I did tell her that we would try to do it today, but it may have to be cancelled because the key people here all had meeting conflicts. (It conflicts with the Region 5 PWSS State call.) I don't mind handling the call, but I don't know the current Flint situation or enough of the particulars on the Legionella outbreak there to adequately answer their questions. Liane & Richard—if you can't participate, perhaps Steve Busch and I could meet with them. Please let me know what you would like to do so that if this needs to be postponed I won't be doing it at the last minute, thanks-Carrie

From: Benzie, Richard (DEQ)
To: Busch, Stephen (DEQ); Donaldson, Kristina (DEQ); Lachance, Amy (DEQ); Maul, Sue (DEQ)
Cc: Devereaux, Tracy Jo (DEQ)
Subject: FW: ODWMA Management Meeting Minutes 2015-March 10-Draft
Date: Thursday, March 26, 2015 6:15:59 PM
Attachments: ODWMA Management Meeting Minutes 2015-March 10-Draft.docx

Do one of you have any notes on what I talked about in the FOS Update portion on the afternoon of the last Managers Meeting? The only note I have is that I discussed the upcoming Needs Survey training to be held the following week.

Did I mention the status of the CDWU Chief and Rule manager positions? Did I share potential Op cert workload issue? Any help on recollecting what I talked about would be appreciated. I had a list of possible subjects for the FOS Update when I was in the meeting, but I haven't been able to locate it since then, and I didn't take notes while I was doing the talking.

Also, Sue, do you have a list of the systems for which there was some discussion on the status of enforcement? If we could at least provide a list of those systems and say the status was discussed, I think that would be enough unless something unusual about one of the cases also merits mentioning or if you want to provide more details about any of the enforcement cases. Thanks

From: Devereaux, Tracy Jo (DEQ)
Sent: Tuesday, March 24, 2015 7:59 AM
To: Benzie, Richard (DEQ)
Subject: ODWMA Management Meeting Minutes 2015-March 10-Draft

Final draft for your review – I inserted your summary under #3 on the agenda...did you not have any items for #1 or #2?

From: Monosmith, Carrie (DEQ)
To: Deveraux, Tracy Jo (DEQ); Shekter Smith, Jane (DEQ)
Subject: FW: ORD Small Systems Workshop Travel Approval
Date: Thursday, July 16, 2015 8:51:17 AM
Attachments: 2015 DW Workshop Draft Agenda -- July 1 Version.docx
 ORD Reimbursement Aug 2015.pdf
 Monosmith, Ostrander_001.pdf

fyi

From: Maves, Tom [mailto:tmaves@asdwa.org]
Sent: Thursday, July 9, 2015 2:13 PM
To: Monosmith, Carrie (DEQ); Ostrander, Debbie (DEQ)
Cc: Benzie, Richard (DEQ)
Subject: ORD Small Systems Workshop Travel Approval

Congratulations Carrie and Deb -- we are able to approve your travel to the ORD Small Systems Workshop being held in Cincinnati, Ohio August 25-27, 2015.

You have been recommended as a possible facilitator for one of the small group discussion topics. The development of these sessions is still underway. You will be notified by Darrell Osterhoudt if your assistance is needed there. EPA could ultimately pay travel expenses for the discussion facilitators but you should still proceed with arranging your travel plans including air flights and hotel reservations.

Your approved pre-travel form is attached as well as a reimbursement form for your use after travel has been completed. Please read the instructions carefully on the back of the attached forms. We require a receipt for any expense over \$10.00. Also, please note that expenses for alcoholic beverages will not be reimbursed. For any credit card receipt ASDWA requires both the **itemized receipt in addition to the signature copy**. Without the itemized receipt the maximum reimbursement may not exceed \$10.00.

Our Approach to Reimbursement: We do not book or pay for any of your travel expenses in advance; instead, we ask that you pay for these expenses up front and we will reimburse you promptly afterwards, in accordance with the travel policy for this conference on the reverse side of the attached Travel Expense Reimbursement Form.

Airline Reservations: Delta Airlines has something of a monopoly on Cincinnati's airport (located in Covington, KY and called "CVG") **so please make your reservations as soon as possible** to get the best possible rates. ASDWA asks that you not purchase refundable tickets, their cost is too prohibitive. Please book the lowest possible economy class fare that's convenient with your travel times. You do not need to rent a car. A taxi to downtown Cincinnati costs about \$30 and shared shuttle arrangements would be less. Please note that ASDWA will not reimburse you for optional airline fees such as seat preferences/upgrades or more than one checked bag.

Hotel Reservations: We recommend that you reserve a hotel room as soon as possible at the workshop hotel (the Hyatt Regency Cincinnati) through the link provided below. There are a limited number of rooms available in our room block and they'll be reserved on first-come-first-served basis.

Information for Workshop: Please use the following link for information on the Workshop including registration and hotel information:

[Registration and Hotel Information](#)

Please contact me if you have any concerns or further questions.
Safe Travels,

Tom

Tom Maves
Office Manager

ASDWA
1401 Wilson Blvd., Suite 1225
Arlington, VA 22209
www.asdwa.org
ph: [703-812-4773](tel:703-812-4773)
fax: [703-812-9506](tel:703-812-9506)

From: Devereaux, Tracy Jo (DEQ)
To: Thomas, Chuck (DEQ)
Cc: Benzie, Richard (DEQ)
Subject: FW: updated DEQ powerpoint
Date: Monday, September 14, 2015 1:42:00 PM
Attachments: DEQ Update 2015 for Fall ACE.pptx

Forwarding to you at Liane's request so you can load it on your machine beforehand. Thanks!

From: Shekter Smith, Liane (DEQ)
Sent: Friday, September 11, 2015 5:35 PM
To: Benzie, Richard (DEQ)
Cc: Devereaux, Tracy Jo (DEQ)
Subject: updated DEQ powerpoint

Attached. I'll have it on a flash drive.

From: Benzie, Richard (DEQ)
To: Prybyl, Mike (DEQ); Busch, Stephen (DEQ)
Cc: Devereaux, Tracy Jo (DEQ)
Subject: Flint communications
Date: Friday, July 31, 2015 8:03:07 PM
Attachments: Flint messages 2015.xlsx

Here is a list of the messages I have that involve communication about Flint during the first half of 2015. Most of the messages I received were internal but there are some that included communication with Flint representatives. However, I am simply receiving a copy and one or both of you are also involved in those communications.

The ones that are from me are all internal and not to or with Flint.

From: Benzie, Richard (DEQ)
To: ~~Prybyl, Mike (DEQ); Busch, Stephen (DEQ)~~
Cc: ~~Devereaux, Tracy Jo (DEQ)~~
Subject: Flint communications
Date: Friday, July 31, 2015 8:03:00 PM
Attachments: ~~Flint messages 2015.xlsx~~

Here is a list of the messages I have that involve communication about Flint during the first half of 2015. Most of the messages I received were internal but there are some that included communication with Flint representatives. However, I am simply receiving a copy and one or both of you are also involved in those communications.

The ones that are from me are all internal and not to or with Flint.

From: [Graham, Lois \(DEQ\)](#)
To: [Benzle, Richard \(DEQ\)](#); [Busch, Stephen \(DEQ\)](#)
Subject: Flint water quality complaint
Date: Friday, September 18, 2015 8:25:25 AM

I forwarded the caller's message to Richard so he could also listen to it.

Steve: A woman who did not give her name, but I got the phone number by pressing 5 – 989-472-4165.

She complains about a concern of Legionella in the City of Flint water supply, that people are dying because of it, that the local health department isn't doing anything about it. Action is needed now. There are lots of discussions on Facebook. People should have the right to drinking water that is right for them.

She called me after I had left for the day and indicated she would call me back today.

Can someone contact her?

Lois Elliott Graham, R.S., M.S.A.
Office of Drinking Water & Municipal Assistance
Field Operations Section
Contamination Investigation Program
P.O. Box 30241
Lansing, Michigan 48909-7741
Office: 517-284-6530
Fax: 517-241-1328
grahaml@michigan.gov
4-South, Pillar N8



Subscribe to our Environmental Health Email List by clicking on the red envelope

From: [Benzie, Richard \(DEQ\)](#)
To: [Siekter-Smith, Liane \(DEQ\)](#)
Subject: Fw: Flint water quality complaint
Date: Friday, September 18, 2015 9:29:31 AM

FYI

From: Graham, Lois (DEQ)
Sent: Friday, September 18, 2015 8:25:21 AM
To: Benzie, Richard (DEQ); Busch, Stephen (DEQ)
Subject: Flint water quality complaint

I forwarded the caller's message to Richard so he could also listen to it.

Steve: A woman who did not give her name, but I got the phone number by pressing 5 – 989-472-4165.

She complains about a concern of Legionella in the City of Flint water supply, that people are dying because of it, that the local health department isn't doing anything about it. Action is needed now. There are lots of discussions on Facebook. People should have the right to drinking water that is right for them.

She called me after I had left for the day and indicated she would call me back today.

Can someone contact her?

Lois Elliott Graham, R.S., M.S.A.
Office of Drinking Water & Municipal Assistance
Field Operations Section
Contamination Investigation Program
P.O. Box 30241
Lansing, Michigan 48909-7741
Office: 517-284-6530
Fax: 517-241-1328
grahaml@michigan.gov
4-South, Pillar N8



Subscribe to our Environmental Health Email List by clicking on the red envelope

From: [Prysby, Mike \(DEQ\)](#)
To: [Busch, Stephen \(DEQ\)](#); [Benzie, Richard \(DEQ\)](#)
Subject: Fwd: Information Request and Documentation
Date: Wednesday, March 11, 2015 7:35:28 AM
Attachments: [image001.gif](#)
[ATT00001.htm](#)
[FOIA Request Flint Water.doc](#)
[ATT00002.htm](#)

I am out today and will return tomorrow. Having trouble getting the attachment to open on my phone...but since it appears to be a FOIA regarding Legionella, I felt it is prudent to get this message to you. I will be available tomorrow to discuss or compile any info that we have.

Sent from my iPhone

Begin forwarded message:

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)" <prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILD@chd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry

Jim Henry RS, MBA

Environmental Health Supervisor

Genesee County Health Department www.gchd.us

630 S. Saginaw St., Suite 4

Flint, MI 48502-1540

Phone (810) 257-3618 Fax (810) 257-3125

E-mail jhenry@gchd.us

From: Devereaux, Tracy Jo (DEQ)
To: Stekler-Smith, Liane (DEQ)
Subject: NEW TEMPLATE ODWMA Presentation SMT.pptx
Date: Friday, March 20, 2015 9:31:00 AM
Attachments: NEW TEMPLATE ODWMA Presentation SMT.pptx

From: Shekter, Smith, Liane (DEO)
To: Deveraux, Tracy Jo (DEO)
Subject: ODWMA 2015 SMT Presentation.pptx
Date: Tuesday, March 17, 2015 3:26:32 PM
Attachments: ODWMA 2015 SMT Presentation.pptx

A first draft to get a feel for where this is heading...

From: Devereaux, Tracy Jo (DEQ)
To: Benzie, Richard (DEQ)
Subject: ODWMA Management Meeting Minutes 2015-March 10-Draft
Date: Tuesday, March 24, 2015 7:59:00 AM
Attachments: ODWMA Management Meeting Minutes 2015-March 10-Draft.docx

Final draft for your review – I inserted your summary under #3 on the agenda...did you not have any items for #1 or #2?

From: Devereaux, Tracy Jo (DEQ)
To: Shekter Smith, Liane (DEQ)
Subject: ODWMA Mgmt Team Meeting Minutes
Date: Friday, May 22, 2015 8:27:00 AM
Attachments: ODWMA Management May 2015.docx

Are you interested in taking a final look at Management Team Meeting Minutes for May? Richard provided his afternoon FOS comments which I have included in the final. I plan to send these out today.

Thanks,

Tracy Jo

Tracy Jo Devereaux, Management Assistant to
Liane J. Shekter Smith, P.E., Chief
Office of Drinking Water and Municipal Assistance
Michigan Department of Environmental Quality
Constitution Hall, 4th Floor, South Tower, Pillar P8
525 W. Allegan Street
Lansing, Michigan 48933
☎517-284-6544
✉devereauxt@michigan.gov

From: Monosmith, Carrie (DEQ)
To: Deveraux, Tracy Jo (DEQ); Shekter Smith, Hane (DEQ)
Subject: Out of State Travel and Training Form
Date: Thursday, July 16, 2015 8:50:25 AM
Attachments: Out of State Travel Cincinnati Monosmith 8-2015.doc
Training-ASDWA Cincinnati 2015.doc

Carrie Monosmith
Environmental Health Section Chief
Office of Drinking Water and Municipal Assistance
Michigan Department of Environmental Quality
Constitution Hall
525 West Allegan Street
PO Box 30241
Lansing, MI 48909-7741
Phone: 517-290-2601, Fax: 517-241-1328
Email: monosmithc@michigan.gov

From: Benzie, Richard (DEQ)
To: Deveraux, Tracy Jo (DEQ)
Subject: Out of State Travel for 10-20- 2015 EQ1150e
Date: Friday, August 14, 2015 4:12:44 PM
Attachments: Out of State Travel for 10-20- 2015 EQ1150e.doc

Tracy Jo,

Please prepare this request for processing. Thanks.

Richard

From: Devereaux, Tracy Jo (DEQ)
To: Benzie, Richard (DEQ)
Subject: Powerpoint - Review Complete
Date: Thursday, March 19, 2015 4:42:00 PM
Attachments: DEQ Update - 2015 ODWMA for MRWA Conference 3-2015.pptx

I cleaned it up in general...some notes for you:

Slide 47 has no picture at all.

Slide 59 has no title and the words "click to add title" still appear

Slide 60 has no title and the words "click to add title" still appear

Slide 67 there are pictures and no title

Everything else looked good enough to present to me...thanks.

Thanks,

Tracy Jo

Tracy Jo Devereaux, Management Assistant to
Liane J. Shekter Smith, P.E., Chief
Office of Drinking Water and Municipal Assistance
Michigan Department of Environmental Quality
Constitution Hall, 4th Floor, South Tower
525 W. Allegan Street
Lansing, Michigan 48933
☎517-284-6544
✉devereauxt@michigan.gov

From: Devereaux, Tracy Jo (DEQ)
To: DeBruyn, Dana (DEQ)
Subject: RE: 2015 April
Date: Tuesday, April 21, 2015 4:45:00 PM

Do you happen to know who all was in attendance? That is typically included in the minutes so that is why I am asking....

Thanks,

Tracy Jo

From: DeBruyn, Dana (DEQ)
Sent: Tuesday, April 21, 2015 4:02 PM
To: Devereaux, Tracy Jo (DEQ)
Cc: Maul, Sue (DEQ)
Subject: 2015 April

Tracy,

These were my draft notes from both the AM and the PM meeting. Can you clean these up? Also, I forgot to take minutes during Sue's talk on enforcement. Sue, do you want to add anything?

2015 April

Tuesday, April 21, 2015

9:02 AM

ODWMA Management Team Meeting Agenda

April 21, 2015 – McCauley Conference Room

1. Employee Engagement/Leadership Discussion

Coursera classes (<http://www.coursera.org>) (Amy Lachance)

2. SMT/Office News

Well Construction/Pump Training- everybody is included that wants to attend this intense training on pumps, etc. Will Be Tuesday July 14 all day at LCC West.

In-Service Training- also will be at the LCC West. Needs modification of draft agenda. Program Slots will be scheduled for "interesting" stuff, not just talking about the rules.

 Liane needs to send out latest draft agenda

3. Personnel Issues

- IT Roles/Responsibilities for ODWMA vs. Section vs. DEQ (Carrie Monosmith)

Ronda's roll is not as a "help desk".

■ Tracy Jo should be a ODWMA sharepoint publisher (to help with Forms, P&P)

Policies and procedures, forms always go through Kate

■ Training needed on sharepoint 101 (Intranet) and much deeper (workflow). KG

- Availability of Phone Use During Emergency Situations

Discussion about 800 megahertz training. After ER meeting in May, then assess what we need for Emergency response.

- Succession Planning (Richard Benzie) -

- ✓ EQS (Philip Vacancy)-discussion

- ✓ Operator Certification Program – Paul Brun Del Re Retirement – Nov 2015; Open up to other people internally, job shadowing, Paul's position (EQA 9-12) through fall exams.

- ✓ Others

- ✓ LCR/CCR Specialist Update

■ This process of moving forward with these specialist positions needs to be coordinated and clearly communicated, so staff know what opportunities are available.

4. Training

- Coursera classes (<http://www.coursera.org>) (Amy Lachance)

- Michigan Environmental Health Association Annual Education Conference (Dana DeBruyn)

- LYNC Demonstration Scheduling (Ronda Page – 10:00 a.m.)

If you don't have LYNC 2013, call the help desk.

LYNC is a replacement for office view

May take several days to start working

What does it show when you lock your computer?

This is FOIAable.

This reviewed main features of LYNC, like creating LYNC meeting

These photos are the same as outlook. Remember DEQ policy on photos.

■ Ronda will send quick reference guide thru Kate-which is now merged with Liane's email regarding calendars.

 Dana- Written instructions on time off will be sent to managers (conversation side bar)

<<How To Request Time Off in Outlook.doc>> attached

 Will ODWMA going to require LYNC of Staff at some minimal level? Discussion. Liane:
Get it on all the computers and training will be offered.

5. Administration Issues

- Constitution Hall Validations for the Ellis Lot (Kathy Tetzlaff) KG, BF, TR, KT, will send out an email. Programs will still get charged. Hand it to person at the gate.
- Office Calendars (Kathy Tetzlaff) Have your calendar open-subject, locations and times. Admin needs to see "upfront details". Instructions have been put together. This is the "default" setting. Please let us know if you see others are "busy".

 It was recommended that Liane send the notice and instructions.

- Taxable Travel (Kathy Tetzlaff)-see handout. Mostly applies to DS that have more than 1 workstations.
- Personnel Update (Kathy Tetzlaff) James will be starting next payday. An updated duties list will be sent.
- OEA Water Conservation -10 Billion Gallon Challenge Representative (Dana DeBruyn) The contact is Devan Dodge. Will need to encompass the water Strategy, Water Use Advisory council Recommendations, etc.

 Dana To send Liane the email to solicit a volunteer.

- Cashier's Office (Jeremy Hoeh) A few missed copies of invoices, the deposit transaction details was missing. These should have a special stamp. What is the processing time to be expected from ACC? RMG who does what lists the point of contact for the programs as the contact for the Cashiers Office. Typically 2-3 days behind, except Nov-Jan., 2-3 weeks behind. Mail changes are also impacting this timeframe. Pay electronically will expedite process. Lori S. Can take these cc payments over the phone-they do not need to go to MDOT CCS.

Liane-

Part 127 fresh start meeting with MGWA

VCL geothermal-starting to move forward

Went to Kalamazoo for AWWA spring regional meeting

Flint update

SMT update included-District visits-different formats; updating telecommunication policy (and

working at home policy); DTMB workgroup;

Next year (Mon-Tue) Aug 1-2, 2016 at the RAM down-payment due.

AWWA membership confirmed for employees, one membership number to get to electronic magazines.

Field Topics:

1. FOS Update (Richard Benzie)

- Near record number of exam applications,
- San Survey training coming from EPA DEQ 6-8 people 2 session of 25 each June 8-12 and June 15-19. We will send those that need to go;
- Detroit may be the only project that comes in for RL;
- Needs survey delayed to be launched in early May 2015 site <http://www.dwnneeds.com/login.aspx> login from 2011 site is still the same;
- UCMR3 Richard has results of systems using EPA \$\$\$/less than 10,000 served. The results belong in the chemical monitoring files at the district.

☒ Richard will give to Tracy Jo to send results out to district offices.

- Legionella was discussed.

☒ A multi-agency group should be formed, for outreach, etc. Should Liane lead this?

2. Enforcement Matters (Sue Maul)

All called ACOs and not DACOs.

All need to be tracked.

All come through Lansing and come back to Lansing

We don't have a procedure for things other than Significant Deficiency (WRD one)

Sue and Richard need to review (send at the same time is OK). Liane does not need to see them before they go out.

3. Handling of Inactive or Standby Wells – Consistency of Monitoring and Exercising Protocols (Chuck Thomas)

Draft policy is available on this. Issues: official stand-by well; vs., inactive wells; CT thought: Any well in well-field should be monitored as "active". KP discussed history and sampling protocol not addressed in the rules. Full monitoring PLUS Bacti quarterly and exercising the well (quarterly). Arsenic, for example, needed to be addressed. Off-line definition; standby (flip a switch and turn on) definition.

☒ Stand-by wells cannot be considered for Firm capacity. This is only a back up to the back up.

- ✱ Time to finish this policy. Could this be a mechanism for not sampling As if they know that it is over MCL? Kris to resurrect this conversation. Other stakeholders NCWS program; Water withdrawal.

4. Emergency Response Topics (Amy Lachance)

- St. Clair County Tabletop Exercise – May 21, 2015 DEQ has a few slots
- EPA's Water Utility Response On-the-Go mobile Web site-somehow tied into incident command.
(<http://watersgeo.epa.gov/responseotg/>)
- MiWARN Meeting Summary
- ICS Training Logistics. State Police talking about offering 300 and 400 level for supplies.

5. Site Specific Groundwater Flow Model Requests (MGMT) – Request Interpretation of Data and Application Among NCWS, CI, and SWP Staff (Dana DeBruyn) Work flow will be looked into. On some of these with numerous issues/parties involved, maybe a phone call is best.

6. Paragon Lab Investigation (Steve Busch) Handouts were provided regarding TOC.

7. EDM File Plan (Steve Busch) handouts provided. Would Lead/Copper go to near the top of the list?

8. Amy-Concerns with "cost optimization" firms coming into PWS-discussion.

Next meeting scheduled for May 13, 2015: Goodies – (Richard Benzie)

Created with Microsoft OneNote 2010

One place for all your notes and information

From: Maul, Sue (DEQ)
To: DeBruyn, Dana (DEQ); Devereaux, Tracy Jo (DEQ)
Subject: RE: 2015 April
Date: Wednesday, April 22, 2015 8:22:26 AM

No, your summary is good.

From: DeBruyn, Dana (DEQ)
Sent: Tuesday, April 21, 2015 4:02 PM
To: Devereaux, Tracy Jo (DEQ)
Cc: Maul, Sue (DEQ)
Subject: 2015 April

Tracy,

These were my draft notes from both the AM and the PM meeting. Can you clean these up? Also, I forgot to take minutes during Sue's talk on enforcement. Sue, do you want to add anything?

2015 April

Tuesday, April 21, 2015

9:02 AM

ODWMA Management Team Meeting Agenda

April 21, 2015 – McCauley Conference Room

1. Employee Engagement/Leadership Discussion

Coursera classes (<http://www.coursera.org>) (Amy Lachance)

2. SMT/Office News

Well Construction/Pump Training- everybody is included that wants to attend this intense training on pumps, etc. Will Be Tuesday July 14 all day at LCC West.

In-Service Training- also will be at the LCC West. Needs modification of draft agenda. Program Slots will be scheduled for "interesting" stuff, not just talking about the rules.

 Liane needs to send out latest draft agenda

3. Personnel Issues

- IT Roles/Responsibilities for ODWMA vs. Section vs. DEQ (Carrie Monosmith)

Ronda's roll is not as a "help desk"

 Tracy Jo should be a ODWMA sharepoint publisher (to help with Forms, P&P)

Policies and procedures, forms always go through Kate

☒ Training needed on sharepoint 101 (Intranet) and much deeper (workflow). KG

- Availability of Phone Use During Emergency Situations

Discussion about 800 megahertz training. After ER meeting in May, then assess what we need for Emergency response.

- Succession Planning (Richard Benzie) -

- ✓ EQS (Philip Vacancy)-discussion

- ✓ Operator Certification Program – Paul Brun Del Re Retirement – Nov 2015; Open up to other people internally, job shadowing, Paul's position (EQA 9-12) through fall exams.

- ✓ Others

- ✓ LCR/CCR Specialist Update

☒ This process of moving forward with these specialist positions needs to be coordinated and clearly communicated, so staff know what opportunities are available.

4. Training

- Coursera classes (<http://www.coursera.org>) (Amy Lachance)

- Michigan Environmental Health Association Annual Education Conference (Dana DeBruyn)

- LYNC Demonstration Scheduling (Ronda Page – 10:00 a.m.)

If you don't have LYNC 2013, call the help desk.

LYNC is a replacement for office view

May take several days to start working

What does it show when you lock your computer?

This is FOIAable.

This reviewed main features of LYNC, like creating LYNC meeting

These photos are the same as outlook. Remember DEQ policy on photos.

☒ Ronda will send quick reference guide thru Kate-which is now merged with Liane's email regarding calendars.

☒ Dana- Written instructions on time off will be sent to managers (conversation side bar)

<<How To Request Time Off in Outlook.doc>> attached

☒

Will ODWMA going to require LYNC of Staff at some minimal level? Discussion. Liane: Get it on all the computers and training will be offered.

5. Administration Issues

- Constitution Hall Validations for the Ellis Lot (Kathy Tetzlaff) KG, BF, TR, KT, will send out an email. Programs will still get charged. Hand it to person at the gate.
- Office Calendars (Kathy Tetzlaff) Have your calendar open-subject, locations and times. Admin needs to see "upfront details". Instructions have been put together. This is the "default" setting. Please let us know if you see others are "busy".

 It was recommended that Liane send the notice and instructions.

- Taxable Travel (Kathy Tetzlaff)-see handout. Mostly applies to DS that have more than 1 workstations.
- Personnel Update (Kathy Tetzlaff) James will be starting next payday. An updated duties list will be sent.
- OEA Water Conservation -10 Billion Gallon Challenge Representative (Dana DeBruyn) The contact is Devan Dodge. Will need to encompass the water Strategy, Water Use Advisory council Recommendations, etc.

 Dana To send Liane the email to solicit a volunteer.

- Cashier's Office (Jeremy Hoeh) A few missed copies of invoices, the deposit transaction details was missing. These should have a special stamp. What is the processing time to be expected from ACC? RMG who does what lists the point of contact for the programs as the contact for the Cashiers Office. Typically 2-3 days behind, except Nov-Jan., 2-3 weeks behind. Mail changes are also impacting this timeframe. Pay electronically will expedite process. Lori S. Can take these cc payments over the phone-they do not need to go to MDOT CCS.

Liane-

Part 127 fresh start meeting with MGWA

VCL geothermal-starting to move forward

Went to Kalamazoo for AWWA spring regional meeting

Flint update

SMT update included-District visits-different formats; updating telecommunication policy (and working at home policy); DTMB workgroup;

Next year (Mon-Tue)Aug 1-2, 2016 at the RAM down-payment due.

AWWA membership confirmed for employees, one membership number to get to electronic magazines.

Field Topics:

1. FOS Update (Richard Benzie)

- Near record number of exam applications,
- San Survey training coming from EPA DEQ Id 6-8 people 2 session of 25 each June 8-12 and June 15-19. We will send those that need to go;
- Detroit may be the only project that comes in for RL;
- Needs survey delayed to be launched in early May 2015 site <http://www.dwnneeds.com/login.aspx> login from 2011 site is still the same;
- UCMR3 Richard has results of systems using EPA \$\$\$/less than 10,000 served. The results belong in the chemical monitoring files at the district.

☒ Richard will give to Tracy Jo to send results out to district offices.

- Legionella was discussed.

☒ A multi-agency group should be formed, for outreach, etc. Should Liane lead this?

2. Enforcement Matters (Sue Maul)

All called ACOs and not DACOs.

All need to be tracked.

All come through Lansing and come back to Lansing

We don't have a procedure for things other than Significant Deficiency (WRD one)

Sue and Richard need to review (send at the same time is OK). Liane does not need to see them before they go out.

3. Handling of Inactive or Standby Wells – Consistency of Monitoring and Exercising Protocols (Chuck Thomas)

Draft policy is available on this. Issues: official stand-by well; vs., inactive wells; CT thought: Any well in well-field should be monitored as "active". KP discussed history and sampling protocol not addressed in the rules. Full monitoring PLUS Bacti quarterly and exercising the well (quarterly). Arsenic, for example, needed to be addressed. Off-line definition; standby (flip a switch and turn on) definition.

☒ Stand-by wells cannot be considered for Firm capacity. This is only a back up to the back up.

☒ Time to finish this policy. Could this be a mechanism for not sampling As if they know that it is over MCL? Kris to resurrect this conversation. Other stakeholders NCWS program; Water withdrawal.

4. Emergency Response Topics (Amy Lachance)

- St. Clair County Tabletop Exercise – May 21, 2015 DEQ has a few slots
- EPA's Water Utility Response On-the-Go mobile Web site-somehow tied into incident command.
(<http://watersgeo.epa.gov/responseotg/>)
- MiWARN Meeting Summary
- ICS Training Logistics. State Police talking about offering 300 and 400 level for supplies.

5. Site Specific Groundwater Flow Model Requests (MGMT) – Request Interpretation of Data and Application Among NCWS, CI, and SWP Staff (Dana DeBruyn) Work flow will be looked into. On some of these with numerous issues/parties involved, maybe a phone call is best.

6. Paragon Lab Investigation (Steve Busch) Handouts were provided regarding TOC.

7. EDM File Plan (Steve Busch) handouts provided. Would Lead/Copper go to near the top of the list?

8. Amy-Concerns with "cost optimization" firms coming into PWS-discussion.

Next meeting scheduled for May 13, 2015: Goodies – (Richard Benzie)

Created with Microsoft OneNote 2010

One place for all your notes and information

From: DeBruyn, Dana (DEQ)
To: Devereaux, Tracy Jo (DEQ)
Subject: RE: 2015 April
Date: Wednesday, April 22, 2015 8:26:56 AM

I believe all the managers were there in the am except: Jon B. (he sent a replacement...Bob London sp?) and Kelly Green.

In the PM all field managers were there (Carrie, Liane and Chuck left at different points) and Sue and Jeremy joined in.

From: Devereaux, Tracy Jo (DEQ)
Sent: Tuesday, April 21, 2015 4:45 PM
To: DeBruyn, Dana (DEQ)
Subject: RE: 2015 April

Do you happen to know who all was in attendance? That is typically included in the minutes so that is why I am asking....

Thanks,
Tracy Jo

From: DeBruyn, Dana (DEQ)
Sent: Tuesday, April 21, 2015 4:02 PM
To: Devereaux, Tracy Jo (DEQ)
Cc: Maul, Sue (DEQ)
Subject: 2015 April

Tracy,
 These were my draft notes from both the AM and the PM meeting. Can you clean these up? Also, I forgot to take minutes during Sue's talk on enforcement. Sue, do you want to add anything?

2015 April

Tuesday, April 21, 2015
 9:02 AM

ODWMA Management Team Meeting Agenda
 April 21, 2015 – McCauley Conference Room
 1. Employee Engagement/Leadership Discussion

Coursera classes (<http://www.coursera.org>) (Amy Lachance)

2. SMT/Office News

Well Construction/Pump Training- everybody is included that wants to attend this intense training on pumps, etc. Will Be Tuesday July 14 all day at LCC West.

In-Service Training- also will be at the LCC West. Needs modification of draft agenda. Program Slots will be scheduled for "interesting" stuff, not just talking about the rules.

 Liane needs to send out latest draft agenda

3. Personnel Issues

- IT Roles/Responsibilities for ODWMA vs. Section vs. DEQ (Carrie Monosmith)

Ronda's roll is not as a "help desk".

 Tracy Jo should be a ODWMA sharepoint publisher (to help with Forms, P&P)

Policies and procedures, forms always go through Kate

 Training needed on sharepoint 101 (Intranet) and much deeper (workflow). KG

- Availability of Phone Use During Emergency Situations

Discussion about 800 megahertz training. After ER meeting in May, then assess what we need for Emergency response.

- Succession Planning (Richard Benzie) -

✓ EQS (Philip Vacancy)-discussion

✓ Operator Certification Program – Paul Brun Del Re Retirement – Nov 2015; Open up to other people internally, job shadowing, Paul's position (EQA 9-12) through fall exams.

✓ Others

✓ LCR/CCR Specialist Update

 This process of moving forward with these specialist positions needs to be coordinated and clearly communicated, so staff know what opportunities are available.

4. Training

- Coursera classes (<http://www.coursera.org>) (Amy Lachance)
- Michigan Environmental Health Association Annual Education Conference (Dana DeBruyn)
- LYNC Demonstration Scheduling (Ronda Page – 10:00 a.m.)

If you don't have LYNC 2013, call the help desk.

LYNC is a replacement for office view

May take several days to start working

What does it show when you lock your computer?

This is FOIAable.

This reviewed main features of LYNC, like creating LYNC meeting

These photos are the same as outlook. Remember DEQ policy on photos.

 Ronda will send quick reference guide thru Kate-which is now merged with Liane's email regarding calendars.

 Dana- Written instructions on time off will be sent to managers (conversation side bar)

<<How To Request Time Off in Outlook.doc>> attached

 Will ODWMA going to require LYNC of Staff at some minimal level? Discussion. Liane: Get it on all the computers and training will be offered.

5. Administration Issues

- Constitution Hall Validations for the Ellis Lot (Kathy Tetzlaff) KG, BF, TR, KT, will send out an email. Programs will still get charged. Hand it to person at the gate.
- Office Calendars (Kathy Tetzlaff) Have your calendar open-subject, locations and times. Admin needs to see "upfront details". Instructions have been put together. This is the "default" setting. Please let us know if you see others are "busy".

 It was recommended that Liane send the notice and instructions.

- Taxable Travel (Kathy Tetzlaff)-see handout. Mostly applies to DS that have more than 1 workstations.
- Personnel Update (Kathy Tetzlaff) James will be starting next payday. An updated duties list will be sent.
- OEA Water Conservation -10 Billion Gallon Challenge Representative (Dana DeBruyn) The contact is Devan Dodge. Will need to encompass the water Strategy, Water Use Advisory council Recommendations, etc.

 Dana To send Liane the email to solicit a volunteer.

- Cashier's Office (Jeremy Hoeh) A few missed copies of invoices, the deposit transaction details was missing. These should have a special stamp. What is the processing time to be expected from ACC? RMG who does what lists the point of contact for the programs as the contact for the Cashiers Office. Typically 2-3 days behind, except Nov-Jan., 2-3 weeks behind. Mail changes are also impacting this timeframe. Pay electronically will expedite process. Lori S. Can take these cc payments over the phone-they do not need to go to MDOT CCS.

Liane-

Part 127 fresh start meeting with MGWA

VCL geothermal-starting to move forward

Went to Kalamazoo for AWWA spring regional meeting

Flint update

SMT update included-District visits-different formats; updating telecommunication policy (and working at home policy); DTMB workgroup;

Next year (Mon-Tue)Aug 1-2, 2016 at the RAM down-payment due.

AWWA membership confirmed for employees, one membership number to get to electronic magazines.

Field Topics:

1. FOS Update (Richard Benzie)

- Near record number of exam applications,
- San Survey training coming from EPA DEQ Id 6-8 people 2 session of 25 each June 8-12 and June 15-19. We will send those that need to go;
- Detroit may be the only project that comes in for RL;
- Needs survey delayed to be launched in early May 2015 site <http://www.dwnneeds.com/login.aspx> login from 2011 site is still the same;
- UCMR3 Richard has results of systems using EPA \$\$\$/less than 10,000 served. The results belong in the chemical monitoring files at the district.

☐ Richard will give to Tracy Jo to send results out to district offices.

- Legionella was discussed.

☐ A multi-agency group should be formed, for outreach, etc. Should Liane lead this?

2. Enforcement Matters (Sue Maul)

All called ACOs and not DACOs.

All need to be tracked.

All come through Lansing and come back to Lansing

We don't have a procedure for things other than Significant Deficiency (WRD one)

Sue and Richard need to review (send at the same time is OK). Liane does not need to see them before they go out.

3. Handling of Inactive or Standby Wells – Consistency of Monitoring and Exercising Protocols (Chuck Thomas) Draft policy is available on this. Issues: official stand-by well; vs., inactive wells; CT thought: Any well in well-field should be monitored as "active". KP discussed history and sampling protocol not addressed in the rules. Full monitoring PLUS Bacti quarterly and exercising the well (quarterly). Arsenic, for example, needed to be addressed. Off-line definition; standby (flip a switch and turn on) definition.

☒ Stand-by wells cannot be considered for Firm capacity. This is only a back up to the back up.

☒ Time to finish this policy. Could this be a mechanism for not sampling As if they know that it is over MCL? Kris to resurrect this conversation. Other stakeholders NCWS program; Water withdrawal.

4. Emergency Response Topics (Amy Lachance)

- St. Clair County Tabletop Exercise – May 21, 2015 DEQ has a few slots
- EPA's Water Utility Response On-the-Go mobile Web site-somehow tied into incident command. (<http://watersgeo.epa.gov/responseotg/>)
- MiWARN Meeting Summary
- ICS Training Logistics. State Police talking about offering 300 and 400 level for supplies.

5. Site Specific Groundwater Flow Model Requests (MGMT) – Request Interpretation of Data and Application Among NCWS, CI, and SWP Staff (Dana DeBruyn) Work flow will be looked into. On some of these with numerous issues/parties involved, maybe a phone call is best.

6. Paragon Lab Investigation (Steve Busch) Handouts were provided regarding TOC.

7. EDM File Plan (Steve Busch) handouts provided. Would Lead/Copper go to near the top of the list?

8. Amy-Concerns with "cost optimization" firms coming into PWS-discussion.

Next meeting scheduled for May 13, 2015: Goodies – (Richard Benzie)

Created with Microsoft OneNote 2010

One place for all your notes and information

From: [Busch, Stephen \(DEQ\)](#)
To: [Howes, Sarah \(DEQ\)](#)
Cc: [Benzie, Richard \(DEQ\)](#); [Doyereaux, Tracy Jo \(DEQ\)](#); [Shaler, Karen \(DEQ\)](#); [Potter, Jodi \(DEQ\)](#); [Shelter Smith, Liane \(DEQ\)](#); [Prysby, Mike \(DEQ\)](#); [Wurfel, Brad \(DEQ\)](#); [Wyant, Dan \(DEQ\)](#); [Thelen, Mary Beth \(DEQ\)](#); [Svigg, Jim \(DEQ\)](#); [Shaler, Karen \(DEQ\)](#); [Potter, Jodi \(DEQ\)](#); [Ballone, Maggie \(DEQ\)](#)
Subject: RE: Communications between City of Flint and DEQ
Date: Thursday, May 28, 2015 12:14:48 PM
Attachments: [Flint-2015-02-13-AnnualMonSched.pdf](#)
[Flint-2015-03-05-TTHM-VN-15-1.pdf](#)
[Flint-2015-03-30-PbCu90.pdf](#)
[Flint-2015-04-03-LT2ESWTR.pdf](#)
[Flint-2015-04-03-Permit151018.pdf](#)
[Flint-2015-05-06-CCR-reminder.pdf](#)
[Flint-2015-05-11-CCCP.pdf](#)
[S2 Grant Project No 9204.01 City of Flint.pdf](#)
[RE Premise plumbing.msg](#)
[Water Quality Optimization Strategy.msg](#)
[call.msg](#)
[Flint MOBs.msg](#)
[Flint River Source Water Assessment.msg](#)
[FW PEAS call.msg](#)
[FW Schematics for LT2 sampling plans.msg](#)
[FW Water Supply Sources.msg](#)
[Premise plumbing.msg](#)
[RE City of Flint - March Bromate Results.msg](#)
[RE City of Flint March 2015 MOB.msg](#)
[RE City Water Tech Team.msg](#)
[RE HQ Letter FAQ's.msg](#)
[RE May Technical Advisory Meeting.msg](#)
[RE PEAS call.msg](#)
[RE RE Flint Water Age map.msg](#)
[RE TTHM Draft Letter.msg](#)
[RE Water Supply Sources.msg](#)
[Residential customers.msg](#)
[Watermain breaks.msg](#)
[distribution WQPs.msg](#)
[January '15 MOB.msg](#)
[Lead Copper Cert form.msg](#)
[RE City of Flint Water Plant Monitoring Results.msg](#)
[RE distribution WQPs.msg](#)
[RE distribution WQPs.msg](#)
[RE January '15 MOB.msg](#)

Sarah,

Per the request from Representative Neely, attached are communications from the DEQ Office of Drinking Water and Municipal Assistance (ODWMA) to the City of Flint dating back to February 2015.

This includes:

- 1 construction permit
- 7 letters
- 7 emails from Adam, Rosenthal, Environmental Quality Analyst
- 18 emails from Mike Prysby, District Engineer
- 2 emails from Steve Busch, District Supervisor

Please let us know if we can provide any further assistance in addressing Representative Neely's request or if they have any questions or issues we could help answer.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor

Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Shekter Smith, Liane (DEQ)
Sent: Tuesday, May 26, 2015 1:59 PM
To: Busch, Stephen (DEQ); Prysby, Mike (DEQ)
Cc: Benzie, Richard (DEQ); Devereaux, Tracy Jo (DEQ); Howes, Sarah (DEQ); Shaler, Karen (DEQ); Potter, Jodi (DEQ)
Subject: FW: Communications between City of Flint and DEQ
Importance: High

Note the deadline of COB Thursday to Sarah.

From: Pallone, Maggie (DEQ)
Sent: Tuesday, May 26, 2015 1:21 PM
To: Shekter Smith, Liane (DEQ)
Cc: Wurfel, Brad (DEQ); Wyant, Dan (DEQ); Howes, Sarah (DEQ); Thelen, Mary Beth (DEQ); Sygo, Jim (DEQ); Shaler, Karen (DEQ); DEQ-Legislative-Contact; Potter, Jodi (DEQ)
Subject: Communications between City of Flint and DEQ

Liane,
Rep Neely has requested any communications that DEQ has had with City of Flint between February 2015 and today. Could you please pull that information together and get it to Sarah by COB on Thursday? She will then forward it the Representative's office.

Please let me know if you need any additional details.

Thanks,
Maggie

Maggie Pallone
Director of Legislative Affairs
Department of Environmental Quality
517-599-6190 (cell)
PalloneM@michigan.gov

From: Busch, Stephen (DEQ)
To: Howes, Sarah (DEQ)
Cc: Benzie, Richard (DEQ); Dayreiaux, Tracy Jo (DEQ); Shaler, Karen (DEQ); Potter, Jodi (DEQ); Shekter Smith, Liang (DEQ); Prysby, Mike (DEQ); Wurfel, Brad (DEQ); Wyant, Dan (DEQ); Thelen, Mary Beth (DEQ); Sygo, Jim (DEQ); Shaler, Karen (DEQ); Potter, Jodi (DEQ); Ballone, Maggie (DEQ)
Subject: RE: Communications between City of Flint and DEQ
Date: Thursday, May 28, 2015 12:14:48 PM
Attachments: [Flint-2015-02-13-AnnualMonSched.pdf](#)
[Flint-2015-03-05-TTHM-VN-15-1.pdf](#)
[Flint-2015-03-30-PbCu90.pdf](#)
[Flint-2015-04-03-LT2ESWTR.pdf](#)
[Flint-2015-04-03-Permit151018.pdf](#)
[Flint-2015-05-06-CCR-reminder.pdf](#)
[Flint-2015-05-11-CCCP.pdf](#)
[S2 Grant Project No 9204.01 City of Flint.pdf](#)
[RE Premise plumbing.msg](#)
[Water Quality Optimization Strategy.msg](#)
[call.msg](#)
[Flint MOBs.msg](#)
[Flint River Source Water Assessment.msg](#)
[FW PEAS call.msg](#)
[FW Schematics for LT2 sampling plans.msg](#)
[FW Water Supply Sources.msg](#)
[Premise plumbing.msg](#)
[RE City of Flint - March Promote Results.msg](#)
[RE City of Flint March 2015 MOB.msg](#)
[RE City Water Tech Team.msg](#)
[RE HC Letter FAQ's.msg](#)
[RE May Technical Advisory Meeting.msg](#)
[RE PEAS call.msg](#)
[RE RE Flint Water Age map.msg](#)
[RE TTHM Draft Letter.msg](#)
[RE Water Supply Sources.msg](#)
[Residential customers.msg](#)
[Watermain breaks.msg](#)
[distribution WQPs.msg](#)
[January '15 MOB.msg](#)
[Lead Copper Cert form.msg](#)
[RE City of Flint Water Plant Monitoring Results.msg](#)
[RE distribution WQPs.msg](#)
[RE distribution WQPs.msg](#)
[RE January '15 MOB.msg](#)

Sarah,

Per the request from Representative Neely, attached are communications from the DEQ Office of Drinking Water and Municipal Assistance (ODWMA) to the City of Flint dating back to February 2015.

This includes:

- 1 construction permit
- 7 letters
- 7 emails from Adam, Rosenthal, Environmental Quality Analyst
- 18 emails from Mike Prysby, District Engineer
- 2 emails from Steve Busch, District Supervisor

Please let us know if we can provide any further assistance in addressing Representative Neely's request or if they have any questions or issues we could help answer.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor

Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Shekter Smith, Liane (DEQ)
Sent: Tuesday, May 26, 2015 1:59 PM
To: Busch, Stephen (DEQ); Prysby, Mike (DEQ)
Cc: Benzie, Richard (DEQ); Devereaux, Tracy Jo (DEQ); Howes, Sarah (DEQ); Shaler, Karen (DEQ); Potter, Jodi (DEQ)
Subject: FW: Communications between City of Flint and DEQ
Importance: High

Note the deadline of COB Thursday to Sarah.

From: Pallone, Maggie (DEQ)
Sent: Tuesday, May 26, 2015 1:21 PM
To: Shekter Smith, Liane (DEQ)
Cc: Wurfel, Brad (DEQ); Wyant, Dan (DEQ); Howes, Sarah (DEQ); Thelen, Mary Beth (DEQ); Sygo, Jim (DEQ); Shaler, Karen (DEQ); DEQ-Legislative-Contact; Potter, Jodi (DEQ)
Subject: Communications between City of Flint and DEQ

Liane,
Rep Neely has requested any communications that DEQ has had with City of Flint between February 2015 and today. Could you please pull that information together and get it to Sarah by COB on Thursday? She will then forward it the Representative's office.

Please let me know if you need any additional details.

Thanks,
Maggie

Maggie Pallone
Director of Legislative Affairs
Department of Environmental Quality
517-599-6190 (cell)
PalloneM@michigan.gov

From: Benzie, Richard (DEQ)
To: Shekter Smith, Liane (DEQ); Thomas, Chuck (DEQ); Bolf, Michael (DEQ); Cook, Pat (DEQ); Phillip, Kris (DEQ)
Cc: Devereaux, Tracy Jo (DEQ)
Subject: RE: DEQ Update 2015 for Fall ACE.pptx
Date: Wednesday, September 09, 2015 6:42:33 PM
Attachments: DEQ Update 2015 for Fall ACE.pptx

I'm still not done, but here is a cleaner, slightly more streamlined version after incorporating some comments from Pat and Liane. Mr. "Get 'R Done" wanted me to cut more, but at this point I have not yet done so. I have also attempted to clean up and add (or subtract) to some speaker notes.

I did have a slide on the Needs Survey and I left it in. If Mike and Liane find they can't do this in a half hour, I will cut more.

From: Benzie, Richard (DEQ)
Sent: Tuesday, September 08, 2015 6:19 PM
To: Shekter Smith, Liane (DEQ); Thomas, Chuck (DEQ); Bolf, Michael (DEQ); Cook, Pat (DEQ); Philip, Kris (DEQ)
Cc: Devereaux, Tracy Jo (DEQ)
Subject: DEQ Update 2015 for Fall ACE.pptx

Here's my first full draft of the DEQ Update for the ACE in the Soo. It is too long. Let me know what you think and what you think we should or could eliminate. I covered the RTCR, a few proposed state rule changes included with the RTCR, the upcoming January 1, 2016 deadlines for state rules modified in 2009 (particularly the Reliability Studies and General Plan requirements), marketing the DWRF, and Secondary Treatment issues.

While there are too many slides, there are quite a few that are very fast – like some of the DWRF slides that are graphical illustrations of what is presented in the previous slide(s). My second slide says I covered the Needs Surveys, but I don't think I did, so I will have to change that slide. I also have a few other things to confirm/change before I make this a final version.

I have not run through it to see how long it takes but I know I would run long. Kris said I would run long if I only had 4 slides. Audacious statement for someone still on probation.

From: Devereaux, Tracy Jo (DEQ)
To: Benzie, Richard (DEQ); Cook, Pat (DEQ)
Subject: RE: DEQ Update
Date: Tuesday, March 31, 2015 10:50:00 AM
Attachments: DEQ Update - 2015 ODWMA for MRWA Conference 3-2015-TJD Edit.pptx

Pat,

I've updated this powerpoint so all the slides match one template, feel free to edit from this doc based on Richard's recommendations below. If you need me to do anything else, let me know, thanks!

Thanks,

Tracy Jo

From: Benzie, Richard (DEQ)
Sent: Monday, March 30, 2015 6:29 PM
To: Cook, Pat (DEQ)
Cc: Devereaux, Tracy Jo (DEQ)
Subject: DEQ Update

Here's my presentation. Tracy may want to "format" it (again) before you make many changes. Since you have to cut this presentation in half time-wise, I would consider leaving out the following:

- The slide on seasonal systems (#13)
- Slide #15 that applies primarily to MHCs except for the standby power requirement – just go right into the discussion on the upcoming deadline (1/1/16) for updated General Plans and Reliability Studies and then flow into Asset Management.
- Slides on MGMT (#33 - #36) that discuss the progress that we have been making in WHPA delineations and just go right into the discussion on SWP/WHPP matching grants.
- I would also play it by ear as to how much time the speaker should spend on Flint, and only discuss Toledo if time allows, which I suspect it will not. If they need to wrap up hurriedly, they could show one or two slides from Flint and discuss the issue of unlined cast iron pipes as much a likely culprit of their T&O problems as switching to the river.

From: [Benzie, Richard \(DEQ\)](#)
To: [Devereaux, Tracy Jo \(DEQ\)](#)
Subject: RE: DRAFT ODWMA Management Team Meeting Minutes
Date: Thursday, May 21, 2015 5:06:36 PM
Attachments: [FOS Update - May 2015.doc](#)

Here's my FOS Update minutes. It was the second item in the afternoon, as the Enforcement discussion was first.

From: Devereaux, Tracy Jo (DEQ)
Sent: Tuesday, May 19, 2015 2:58 PM
To: Maul, Sue (DEQ); DEQ-ODWMA-Supervisors-All
Subject: RE: DRAFT ODWMA Management Team Meeting Minutes

Just a reminder that tomorrow c.o.b. I will be finalizing the management meeting minutes to send out with a call for agenda items for the meeting in June. Thanks!

Thanks,
Tracy Jo

From: Devereaux, Tracy Jo (DEQ)
Sent: Wednesday, May 13, 2015 1:21 PM
To: Maul, Sue (DEQ); DEQ-ODWMA-Supervisors-All
Subject: DRAFT ODWMA Management Team Meeting Minutes

All:

The draft minutes are attached. If you have anything to add/clarify, please reply to me directly. I will need any info for the afternoon portion that I do not attend for the field section. Please have comments to me by c.o.b. on Wednesday, May 20, 2015.

Thanks,
Tracy Jo

Tracy Jo Devereaux, Management Assistant to
 Liane J. Shekter Smith, P.E., Chief
 Office of Drinking Water and Municipal Assistance
 Michigan Department of Environmental Quality
 Constitution Hall, 4th Floor, South Tower, Pillar P8
 525 W. Allegan Street
 Lansing, Michigan 48933
 ☎517-284-6544
 ✉devereauxt@michigan.gov

From: Shekter Smith, Liane (DEQ)
To: Benzie, Richard (DEQ); Busch, Stephen (DEQ)
Subject: RE: Flint water quality complaint
Date: Monday, September 21, 2015 12:10:28 PM

We should contact MDHHS and find out who the best individual/contact is so that we can refer these calls appropriately.

From: Benzie, Richard (DEQ)
Sent: Friday, September 18, 2015 9:29 AM
To: Shekter Smith, Liane (DEQ)
Subject: Fw: Flint water quality complaint

FYI

From: Graham, Lois (DEQ)
Sent: Friday, September 18, 2015 8:25:21 AM
To: Benzie, Richard (DEQ); Busch, Stephen (DEQ)
Subject: Flint water quality complaint

I forwarded the caller's message to Richard so he could also listen to it.

Steve: A woman who did not give her name, but I got the phone number by pressing 5 – 989-472-4165.

She complains about a concern of Legionella in the City of Flint water supply, that people are dying because of it, that the local health department isn't doing anything about it. Action is needed now. There are lots of discussions on Facebook. People should have the right to drinking water that is right for them.

She called me after I had left for the day and indicated she would call me back today.

Can someone contact her?

Lois Elliott Graham, R.S., M.S.A.
 Office of Drinking Water & Municipal Assistance
 Field Operations Section
 Contamination Investigation Program
 P.O. Box 30241
 Lansing, Michigan 48909-7741
 Office: 517-284-6530
 Fax: 517-241-1328
grahaml@michigan.gov
 4-South, Pillar N8



Subscribe to our Environmental Health Email List by clicking on the red envelope

From: Benzie, Richard (DEQ)
To: ~~Shekter Smith, Liane (DEQ); Busch, Stephen (DEQ)~~
Subject: RE: Flint water quality complaint
Date: Monday, September 21, 2015 3:30:00 PM

Steve, did you respond to this caller last week?

From: Shekter Smith, Liane (DEQ)
Sent: Monday, September 21, 2015 12:10 PM
To: Benzie, Richard (DEQ); Busch, Stephen (DEQ)
Subject: RE: Flint water quality complaint

We should contact MDHHS and find out who the best individual/contact is so that we can refer these calls appropriately.

From: Benzie, Richard (DEQ)
Sent: Friday, September 18, 2015 9:29 AM
To: Shekter Smith, Liane (DEQ)
Subject: Fw: Flint water quality complaint

FYI

From: Graham, Lois (DEQ)
Sent: Friday, September 18, 2015 8:25:21 AM
To: Benzie, Richard (DEQ); Busch, Stephen (DEQ)
Subject: Flint water quality complaint

I forwarded the caller's message to Richard so he could also listen to it.

Steve: A woman who did not give her name, but I got the phone number by pressing 5 – 989-472-4165.

She complains about a concern of Legionella in the City of Flint water supply, that people are dying because of it, that the local health department isn't doing anything about it. Action is needed now. There are lots of discussions on Facebook. People should have the right to drinking water that is right for them.

She called me after I had left for the day and indicated she would call me back today.

Can someone contact her?

Lois Elliott Graham, R.S., M.S.A.
 Office of Drinking Water & Municipal Assistance
 Field Operations Section
 Contamination Investigation Program
 P.O. Box 30241
 Lansing, Michigan 48909-7741

Office: 517-284-6530

Fax: 517-241-1328

graham1@michigan.gov

4-South, Pillar N8



Subscribe to our Environmental Health Email List by clicking on the red envelope

From: Busch, Stephen (DEQ)
To: Benzie, Richard (DEQ); Bloemker, Jon (DEQ); Donaldson, Kristina (DEQ); Lachance, Amy (DEQ); Thomas, Chuck (DEQ)
Cc: Shekter Smith, Liane (DEQ); DeBruyn, Dana (DEQ); Monosmith, Carrie (DEQ); Cook, Pat (DEQ); Philip, Kris (DEQ)
Subject: RE: Hospital Communication
Date: Thursday, May 14, 2015 10:20:57 AM
Attachments: RE: Premise plumbing.msg
Premise plumbing.msg

Attached is some additional information regarding what plumbing appurtenances, fixtures, appliances, etc. would pose potential risk for harboring legionella.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: Benzie, Richard (DEQ)
Sent: Wednesday, May 13, 2015 6:59 PM
To: Bloemker, Jon (DEQ); Donaldson, Kristina (DEQ); Lachance, Amy (DEQ); Thomas, Chuck (DEQ)
Cc: Busch, Stephen (DEQ); Shekter Smith, Liane (DEQ); DeBruyn, Dana (DEQ); Monosmith, Carrie (DEQ); Cook, Pat (DEQ); Philip, Kris (DEQ)
Subject: FW: Hospital Communication

Here are the two separate emails that Steve sent to the hospitals in Flint that Mike and he visited recently to discuss premise plumbing issues.

Each of the emails has the 3 attachments that were mentioned in the managers meeting today.

The email messages outline an approach we should all follow for now when dealing with these facilities on this issue.

From: Busch, Stephen (DEQ)
Sent: Tuesday, May 05, 2015 3:10 PM
To: Monosmith, Carrie (DEQ); Benzie, Richard (DEQ); Shekter Smith, Liane (DEQ); DeBruyn, Dana (DEQ)
Cc: Prysby, Mike (DEQ)
Subject: Hospital Communication

For your reference, attached are the emails I sent as follow up to meeting with each of the hospitals.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: [Benzie, Richard \(DEQ\)](#)
To: [Laura Wotruba](#); [Sam Watson](#); [Scott, James D. \(LARA\)](#)
Cc: [Shekter Smith, Liane \(DEQ\)](#); [Busch, Stephen \(DEQ\)](#); [Prysby, Mike \(DEQ\)](#); [Dyke, Teri Lee \(LARA\)](#); [Remus, Laura \(LARA\)](#); [Devereaux, Tracy Jo \(DEQ\)](#); [Madziar, Joseph \(LARA\)](#); [Monosmith, Carrie \(DEQ\)](#)
Subject: RE: Hospital Water Treatment Discussion
Date: Monday, September 21, 2015 6:52:52 PM
Attachments: [Secondary Treatment Slides.pptx](#)

Here are the slides covering the issue of secondary treatment that we used in our DEQ Update presentation this past Friday at the Annual Conference of the Michigan Section of the American Water Works Association. I borrowed some of them from an NSF presentation on HACCP that was given at an Association of State Drinking Water Administrators conference last November.

I hope it isn't too late to be of benefit to you.

-----Original Message-----

From: Laura Wotruba [<mailto:L.Wotruba@mha.org>]
Sent: Friday, July 31, 2015 9:44 AM
To: Sam Watson; Monosmith, Carrie (DEQ)
Cc: Benzie, Richard (DEQ); Shekter Smith, Liane (DEQ); Busch, Stephen (DEQ); nbirchml@hurleymc.com; Prysby, Mike (DEQ); Janice Jones; Dyke, Teri Lee (LARA); Amy Barkholz; Remus, Laura (LARA); Scott, James D. (LARA); Looney, Carolyn (DEQ); Devereaux, Tracy Jo (DEQ); Madziar, Joseph (LARA); Kristen Cavanagh-Strong
Subject: RE: Hospital Water Treatment Discussion

Just wanted to chime in, so everyone on the call would have my contact information, which is listed in my signature block below. Happy to help with information dissemination as this process moves forward.

Laura Wotruba | Director, Public Affairs Michigan Health & Hospital Association Direct (517) 999-9071 | Cell (517) 290-4841 | Main (517) 703-8601 lwotruba@mha.org

-----Original Message-----

From: Sam Watson
Sent: Thursday, July 30, 2015 5:21 PM
To: Monosmith, Carrie (DEQ) <MONOSMITHC@michigan.gov>
Cc: Benzie, Richard (DEQ) <BENZIER@michigan.gov>; Shekter Smith, Liane (DEQ) <SHEKTERL@michigan.gov>; Busch, Stephen (DEQ) <BUSCHS@michigan.gov>; nbirchml@hurleymc.com; Prysby, Mike (DEQ) <PRYSBYM@michigan.gov>; Janice Jones <JJONES@mha.org>; Dyke, Teri Lee (LARA) <DykeT@michigan.gov>; Amy Barkholz <abarkholz@mha.org>; Remus, Laura (LARA) <RemusL@michigan.gov>; Scott, James D. (LARA) <ScottJ6@michigan.gov>; Looney, Carolyn (DEQ) <LOONEYC@michigan.gov>; Devereaux, Tracy Jo (DEQ) <DEVEREAUXT@michigan.gov>; Madziar, Joseph (LARA) <madziarj@michigan.gov>; Laura Wotruba <L.Wotruba@mha.org>; Kristen Cavanagh-Strong <KCavanagh-Strong@mha.org>
Subject: Re: Hospital Water Treatment Discussion

Hello all

Just a follow up to thank you for the out reach. We look forward to sharing your information with our members
 Sam

Sam R. Watson
 Michigan Health & Hospital Association
 517-348-2249
 Sent from a wireless device.

> On Jul 30, 2015, at 1:48 PM, Monosmith, Carrie (DEQ) <MONOSMITHC@michigan.gov> wrote:

>

- > Agenda is attached, there will also be copies at the meeting.
- >
- >
- > 6/29/2015 Update: Adding DLARA staff as optional, you are welcome to attend in person, send a representative, or participate via conference call, call-in info is noted below. Agenda to follow in the near future. Please refer to the attached map for direction to Constitution Hall if attending in person.
- >
- > Conference Call In Phone Number: 1-888-557-8511 Pass Code: 2752012
- > Host (Carrie Monosmith) Pass Code: 6945
- >
- >
- > Carrie Monosmith
- > Environmental Health Section Chief
- > Office of Drinking Water and Municipal Assistance Michigan Department
- > of Environmental Quality Constitution Hall
- > 525 West Allegan Street
- > PO Box 30241
- > Lansing, MI 48909-7741
- > Phone: 517-290-2601, Fax: 517-241-1328
- > Email: monosmithc@michigan.gov<<mailto:monosmithc@michigan.gov>>
- >
- >
- >
- >
- > <Con Hall Map.pdf>
- > <MHA MISHE July 30 2015 Meeting Agenda.docx> <meeting.ics>

From: Busch, Stephen (DEQ)
To: Prysby, Mike (DEQ); Benzie, Richard (DEQ)
Subject: RE: Information Request and Documentation
Date: Wednesday, March 11, 2015 9:36:56 AM

Mike,

I am not aware of a meeting request from Jim Henry or the Genesee County Health Department as indicated in his email below. Did you receive any such request?

The FOIA is specifically directed to the City of Flint not the DEQ. If requested some of the information asked for regarding Total Coliform and E.Coli compliance sampling could be provided, but there may also be additional construction repair sampling data.

We can respond to Jim when you get back in, but at this point while the change in source may have created water quality conditions that could provide additional organic nutrient source to support legionella growth, there is no evidence or confirmation of legionella coming directly from the Water Treatment Plant or in the community water supply distribution system at this time.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: Prysby, Mike (DEQ)
Sent: Wednesday, March 11, 2015 7:35 AM
To: Busch, Stephen (DEQ); Benzie, Richard (DEQ)
Subject: Fwd: Information Request and Documentation

I am out today and will return tomorrow. Having trouble getting the attachment to open on my phone...but since it appears to be a FOIA regarding Legionella, I felt it is prudent to get this message to you. I will be available tomorrow to discuss or compile any info that we have.

Sent from my iPhone

Begin forwarded message:

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)" <prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILDS@gchd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry

Jim Henry RS, MBA

Environmental Health Supervisor

Genesee County Health Department www.gchd.us

630 S. Saginaw St., Suite 4

Flint, MI 48502-1540

Phone (810) 257-3618 Fax (810) 257-3125

E-mail jhenry@gchd.us

From: Benzie, Richard (DEQ)
To: Busch, Stephen (DEQ)
Subject: RE: Information Request and Documentation
Date: Wednesday, March 11, 2015 6:28:00 PM

It was – buried was not quite the case – it was still on my screen, but down quite a few from the chain of all unopened items.

From: Busch, Stephen (DEQ)
Sent: Wednesday, March 11, 2015 3:26 PM
To: Benzie, Richard (DEQ)
Subject: FW: Information Request and Documentation

I did cc you. Must be buried in the inbox.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: Busch, Stephen (DEQ)
Sent: Wednesday, March 11, 2015 9:37 AM
To: Prysby, Mike (DEQ); Benzie, Richard (DEQ)
Subject: RE: Information Request and Documentation

Mike,

I am not aware of a meeting request from Jim Henry or the Genesee County Health Department as indicated in his email below. Did you receive any such request?

The FOIA is specifically directed to the City of Flint not the DEQ. If requested some of the information asked for regarding Total Coliform and E.Coli compliance sampling could be provided, but there may also be additional construction repair sampling data.

We can respond to Jim when you get back in, but at this point while the change in source may have created water quality conditions that could provide additional organic nutrient source to support legionella growth, there is no evidence or confirmation of legionella coming directly from the Water Treatment Plant or in the community water supply distribution system at this time.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: Prysby, Mike (DEQ)
Sent: Wednesday, March 11, 2015 7:35 AM

To: Busch, Stephen (DEQ); Benzie, Richard (DEQ)
Subject: Fwd: Information Request and Documentation

I am out today and will return tomorrow. Having trouble getting the attachment to open on my phone...but since it appears to be a FOIA regarding Legionella, I felt it is prudent to get this message to you. I will be available tomorrow to discuss or compile any info that we have.

Sent from my iPhone

Begin forwarded message:

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)" <prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILD@chd.us>, "Hallwood, Dawn" <dbhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry

Jim Henry RS, MBA

Environmental Health Supervisor

Genesee County Health Department www.gchd.us

630 S. Saginaw St., Suite 4

Flint, MI 48502-1540

Phone (810) 257-3618 Fax (810) 257-3125

E-mail jhenry@gchd.us

From: [Shekter Smith, Liane \(DEQ\)](#)
To: [Benzie, Richard \(DEQ\)](#); [Crooks, Jennifer](#)
Subject: RE: Information Request and Documentation
Date: Wednesday, March 18, 2015 10:33:25 AM

Sure, I'll try Tom now.

Liane J. Shekter Smith, P.E., Chief
 Office of Drinking Water and Municipal Assistance
 Michigan Department of Environmental Quality
 517-284-6543

From: Benzie, Richard (DEQ)
Sent: Wednesday, March 18, 2015 10:29 AM
To: Crooks, Jennifer
Cc: Shekter Smith, Liane (DEQ)
Subject: Re: Information Request and Documentation

I will try. Maybe Liane can also talk with Tom before I may be able to get a chance.

Sent using OWA for iPhone

From: Crooks, Jennifer <crooks.jennifer@epa.gov>
Sent: Wednesday, March 18, 2015 9:53:19 AM
To: Benzie, Richard (DEQ)
Subject: RE: Information Request and Documentation

Hi, Richard. I know you've been in training this week, but I'm wondering if you'd be able to call Tom Poy when you get a minute to discuss this issue below. He understands that you may need to keep some internal discussions under your hat right now, but he wants to touch base with you—He's working on this from EPA end, and wants to provide assistance to you all.

len

From: Benzie, Richard (DEQ) [<mailto:BENZIER@michigan.gov>]
Sent: Thursday, March 12, 2015 6:22 PM
To: Poy, Thomas; Crooks, Jennifer
Subject: FW: Information Request and Documentation
Importance: High

Please treat this information as confidential at this point as I am not sure when and who will bring this matter forward for public knowledge. But I thought you should get a heads up that another problem could become public soon. Liane forwarded the message from Genesee County to our management this morning along with the attached document, but we have not received a response yet. She also contacted the Department of Community Health and they are following up with the County. They told Liane that they have been offering assistance to the county on this matter on several occasions and had not received a response.

Steve and Mike indicated that they were not contacted by the county on this issue as stated in the attachment, so we don't know who they did contact or if they did. We suspect they are escalating the request for information at this time, but we also wonder why they need much of the information they requested from the city to conduct their investigation, which should have been completed by now. Both DEQ and DCH had the same reaction to their statement about the river before they complete their investigation.

Steve, Liane and I will be meeting tomorrow morning to discuss further. We may be meeting with the executive office as well.

From: Benzie, Richard (DEQ)
Sent: Wednesday, March 11, 2015 7:33 PM
To: Shekter Smith, Liane (DEQ)
Cc: Busch, Stephen (DEQ); Prysby, Mike (DEQ)
Subject: RE: Information Request and Documentation

Liane,

Steve's initial response is below.

As I see it, we need a plan of action fast.

- 1) Inform DEQ management, including legislative and media liaisons; suggest additional communication with DCH
- 2) Prepare response to Genesee County email — did anyone in ODWMA or DEQ have any contact with Genesee County about Legionella and if so, when and what? Was anyone in ODWMA or DEQ requested to meet with Genesee County to discuss Legionella and if so, when, and did they “decline” to meet?
- 3) Contact Flint to alert them of County's concerns and determine their response to the January 27th FOIA request.
- 4) Arrange for a meeting with Genesee County and other parties as deemed appropriate by DEQ management — DCH, Flint, Governor's Office, etc.; Establish a “Lead” agency but also develop a team approach to move forward and determine an appropriate, common message as well as when such information should be shared and by whom. Determine how long has Genesee County, DCH, and Flint been aware of the increased cases of Legionella and what the message should be about delays in public notification.
- 5) Determine additional steps — possible monitoring protocols, premise plumbing treatment options, public precautions if any, etc.; Consider possible CDC assistance.
- 6) Determine if EPA will be willing to share their draft Legionella guidance document being developed by a workgroup consisting of EPA, the States of Ohio, Minnesota, Pennsylvania, Washington, Nevada, Missouri and Nebraska, and CDC. The guidance will characterize the effectiveness of treatment technologies to address Legionella and address relevant regulatory implications. The primary implication is that individual customers that install “secondary” treatment systems to remove, reduce or prevent Legionella in their premise plumbing (such as hospitals are already doing) become by federal definition, public water systems required to comply with all applicable requirements of the Safe Drinking Water

Act. The guidance has been delayed by internal reviews at EPA, but they are hoping to be able to have a final document in summer of 2015.

That's all I can think of at this point. Let me know what you think.

From: Busch, Stephen (DEQ)
Sent: Wednesday, March 11, 2015 9:37 AM
To: Prysby, Mike (DEQ); Benzie, Richard (DEQ)
Subject: RE: Information Request and Documentation

Mike,

I am not aware of a meeting request from Jim Henry or the Genesee County Health Department as indicated in his email below. Did you receive any such request?

The FOIA is specifically directed to the City of Flint not the DEQ. If requested some of the information asked for regarding Total Coliform and E.Coli compliance sampling could be provided, but there may also be additional construction repair sampling data.

We can respond to Jim when you get back in, but at this point while the change in source may have created water quality conditions that could provide additional organic nutrient source to support legionella growth, there is no evidence or confirmation of legionella coming directly from the Water Treatment Plant or in the community water supply distribution system at this time.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: Prysby, Mike (DEQ)
Sent: Wednesday, March 11, 2015 7:35 AM
To: Busch, Stephen (DEQ); Benzie, Richard (DEQ)
Subject: Fwd: Information Request and Documentation

I am out today and will return tomorrow. Having trouble getting the attachment to open on my phone...but since it appears to be a FOIA regarding Legionella, I felt it is prudent to get this message to you. I will be available tomorrow to discuss or compile any info that we have.

Sent from my iPhone

Begin forwarded message:

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)" <prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, Jerry Ambrose

<gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCILDS@gchd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>

Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry
 Jim Henry RS, MBA
 Environmental Health Supervisor
 Genesee County Health Department www.gchd.us
 630 S. Saginaw St., Suite 4
 Flint, MI 48502-1540
 Phone (810) 257-3618 Fax (810) 257-3125
 E-mail jhenry@gchd.us

From: Benzie, Richard (DEQ)
To: Shekter, Smith, Liane (DEQ)
Cc: Busch, Stephen (DEQ); Prysby, Mike (DEQ)
Subject: RE: Information Request and Documentation
Date: Wednesday, March 11, 2015 7:32:00 PM

Liane,

Steve's initial response is below.

As I see it, we need a plan of action fast.

- 1) Inform DEQ management, including legislative and media liaisons; suggest additional communication with DCH
- 2) Prepare response to Genesee County email — did anyone in ODWMA or DEQ have any contact with Genesee County about Legionella and if so, when and what? Was anyone in ODWMA or DEQ requested to meet with Genesee County to discuss Legionella and if so, when, and did they "decline" to meet?
- 3) Contact Flint to alert them of County's concerns and determine their response to the January 27th FOIA request.
- 4) Arrange for a meeting with Genesee County and other parties as deemed appropriate by DEQ management — DCH, Flint, Governor's Office, etc.; Establish a "Lead" agency but also develop a team approach to move forward and determine an appropriate, common message as well as when such information should be shared and by whom. Determine how long has Genesee County, DCH, and Flint been aware of the increased cases of Legionella and what the message should be about delays in public notification.
- 5) Determine additional steps — possible monitoring protocols, premise plumbing treatment options, public precautions if any, etc.; Consider possible CDC assistance.
- 6) Determine if EPA will be willing to share their draft Legionella guidance document being developed by a workgroup consisting of EPA, the States of Ohio, Minnesota, Pennsylvania, Washington, Nevada, Missouri and Nebraska, and CDC. The guidance will characterize the effectiveness of treatment technologies to address Legionella and address relevant regulatory implications. The primary implication is that individual customers that install "secondary" treatment systems to remove, reduce or prevent Legionella in their premise plumbing (such as hospitals are already doing) become by federal definition, public water systems required to comply with all applicable requirements of the Safe Drinking Water Act. The guidance has been delayed by internal reviews at EPA, but they are hoping to be able to have a final document in summer of 2015.

That's all I can think of at this point. Let me know what you think.

From: Busch, Stephen (DEQ)
Sent: Wednesday, March 11, 2015 9:37 AM
To: Prysby, Mike (DEQ); Benzie, Richard (DEQ)
Subject: RE: Information Request and Documentation

Mike,

I am not aware of a meeting request from Jim Henry or the Genesee County Health Department as indicated in his email below. Did you receive any such request?

The FOIA is specifically directed to the City of Flint not the DEQ. If requested some of the information asked for regarding Total Coliform and E.Coli compliance sampling could be provided, but there may also be additional construction repair sampling data.

We can respond to Jim when you get back in, but at this point while the change in source may have created water quality conditions that could provide additional organic nutrient source to support legionella growth, there is no evidence or confirmation of legionella coming directly from the Water Treatment Plant or in the community water supply distribution system at this time.

Stephen Busch, P.E.

Lansing and Jackson District Supervisor

Office of Drinking Water and Municipal Assistance

MDEQ

517-643-2314

From: Prysby, Mike (DEQ)

Sent: Wednesday, March 11, 2015 7:35 AM

To: Busch, Stephen (DEQ); Benzie, Richard (DEQ)

Subject: Fwd: Information Request and Documentation

I am out today and will return tomorrow. Having trouble getting the attachment to open on my phone...but since it appears to be a FOIA regarding Legionella, I felt it is prudent to get this message to you. I will be available tomorrow to discuss or compile any info that we have.

Sent from my iPhone

Begin forwarded message:

From: "Henry, James" <jhenry@gchd.us>

Date: March 10, 2015 at 6:40:17 PM EDT

To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)" <prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>

Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILD@GCHD.US>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>

Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry

Jim Henry RS, MBA

Environmental Health Supervisor

Genesee County Health Department www.gchd.us

630 S. Saginaw St., Suite 4

Flint, MI 48502-1540

Phone (810) 257-3618 Fax (810) 257-3125

E-mail jhenry@gchd.us

From: Prysby, Mike (DEQ)
To: Busch, Stephen (DEQ); Benzie, Richard (DEQ)
Subject: RE: Information Request and Documentation
Date: Thursday, March 12, 2015 7:47:08 AM

Steve, Richard,

I did not receive a meeting request from Jim or the LHD concerning this matter.

Michael Prysby, P.E.
 District Engineer
 Office of Drinking Water and Municipal Assistance
 517 290-8817

From: Busch, Stephen (DEQ)
Sent: Wednesday, March 11, 2015 9:37 AM
To: Prysby, Mike (DEQ); Benzie, Richard (DEQ)
Subject: RE: Information Request and Documentation

Mike,

I am not aware of a meeting request from Jim Henry or the Genesee County Health Department as indicated in his email below. Did you receive any such request?

The FOIA is specifically directed to the City of Flint not the DEQ. If requested some of the information asked for regarding Total Coliform and E.Coli compliance sampling could be provided, but there may also be additional construction repair sampling data.

We can respond to Jim when you get back in, but at this point while the change in source may have created water quality conditions that could provide additional organic nutrient source to support legionella growth, there is no evidence or confirmation of legionella coming directly from the Water Treatment Plant or in the community water supply distribution system at this time.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: Prysby, Mike (DEQ)
Sent: Wednesday, March 11, 2015 7:35 AM
To: Busch, Stephen (DEQ); Benzie, Richard (DEQ)
Subject: Fwd: Information Request and Documentation

I am out today and will return tomorrow. Having trouble getting the attachment to open on

my phone...but since it appears to be a FOIA regarding Legionella, I felt it is prudent to get this message to you. I will be available tomorrow to discuss or compile any info that we have.

Sent from my iPhone

Begin forwarded message:

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)" <prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILDS@gchd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GJOHNSON@gchd.us>
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry

Jim Henry RS, MBA
Environmental Health Supervisor
Genesee County Health Department www.gc.hd.us
630 S. Saginaw St., Suite 4
Flint, MI 48502-1540
Phone (810) 257-3618 Fax (810) 257-3125
E-mail jhenry@gc.hd.us

From: Busch, Stephen (DEQ)
To: Shekter Smith, Liane (DEQ); Wurfel, Brad (DEQ); Sygo, Jim (DEQ); Howes, Sarah (DEQ)
Cc: Shaler, Karen (DEQ); Benzie, Richard (DEQ); Devereaux, Tracy Jo (DEQ); Prysby, Mike (DEQ)
Subject: RE: Information Request and Documentation
Date: Thursday, March 12, 2015 8:49:54 AM
Attachments: FOIA Request Flint Water.doc

For reference, attached is the county health department's FOIA request to the City of Flint from January.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: Shekter Smith, Liane (DEQ)
Sent: Thursday, March 12, 2015 8:41 AM
To: Wurfel, Brad (DEQ); Sygo, Jim (DEQ); Howes, Sarah (DEQ)
Cc: Shaler, Karen (DEQ); Benzie, Richard (DEQ); Devereaux, Tracy Jo (DEQ); Busch, Stephen (DEQ)
Subject: FW: Information Request and Documentation
Importance: High

The district received this late Tuesday.

Steve Busch has indicated that the district has not received a meeting request from Jim Henry or the Genesee County Health Department as indicated in his email below.

The FOIA is specifically directed to the City of Flint not the DEQ.

While the change in source may have created water quality conditions that could provide additional organic nutrient source to support legionella growth, there is no evidence or confirmation of legionella coming directly from the Water Treatment Plant or in the community water supply distribution system at this time.

Seems like the next step is to communicate with DCH and possibly develop a joint strategy/response. Not sure who in Exec wants to take the lead on this. Steve Busch and Mike Prysby will continue to be lead for us on this. They have been in contact with DCH recently but only to learn that little progress has been made in identifying a source or sources for the illnesses.

Begin forwarded message:

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)"

[<prysbvm@michigan.gov>](mailto:prysbvm@michigan.gov), Elizabeth Murphy
[<emurphy@cityofflint.com>](mailto:emurphy@cityofflint.com), "Natasha Henderson"
[<nhenderson@cityofflint.com>](mailto:nhenderson@cityofflint.com), Jerry Ambrose
[<gambrose49@gmail.com>](mailto:gambrose49@gmail.com), Dayne Walling [<dwalling@cityofflint.com>](mailto:dwalling@cityofflint.com)
Cc: "Valacak, Mark" [<MVALACAK@gchd.us>](mailto:MVALACAK@gchd.us), "Cupal, Suzanne"
[<scupal@gchd.us>](mailto:scupal@gchd.us), "Hasan, Shurooq" [<shasan@gchd.us>](mailto:shasan@gchd.us), "Childs,
 Bonnie" [<BCHILDS@gchd.us>](mailto:BCHILDS@gchd.us), "Hallwood, Dawn"
[<dhallwood@gchd.us>](mailto:dhallwood@gchd.us), "Johnson, M.D., Gary" [<GIOHNSON@gchd.us>](mailto:GIOHNSON@gchd.us)
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry
 Jim Henry RS, MBA
 Environmental Health Supervisor
 Genesee County Health Department www.gchd.us
 630 S Saginaw St., Suite 4
 Flint, MI 48502-1540
 Phone (810) 257-3618 Fax (810) 257-3125
 E-mail jhenry@gchd.us

From: Busch, Stephen (DEQ)
To: Shekter Smith, Liane (DEQ); Wurfel, Brad (DEQ); Sygo, Jim (DEQ); Howes, Sarah (DEQ)
Cc: Shaler, Karen (DEQ); Benzie, Richard (DEQ); Devereaux, Tracy Jo (DEQ); Prysby, Mike (DEQ)
Subject: RE: Information Request and Documentation
Date: Thursday, March 12, 2015 8:49:55 AM
Attachments: FOIA Request Flint Water.doc

For reference, attached is the county health department's FOIA request to the City of Flint from January.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: Shekter Smith, Liane (DEQ)
Sent: Thursday, March 12, 2015 8:41 AM
To: Wurfel, Brad (DEQ); Sygo, Jim (DEQ); Howes, Sarah (DEQ)
Cc: Shaler, Karen (DEQ); Benzie, Richard (DEQ); Devereaux, Tracy Jo (DEQ); Busch, Stephen (DEQ)
Subject: FW: Information Request and Documentation
Importance: High

The district received this late Tuesday.

Steve Busch has indicated that the district has not received a meeting request from Jim Henry or the Genesee County Health Department as indicated in his email below.

The FOIA is specifically directed to the City of Flint not the DEQ.

While the change in source may have created water quality conditions that could provide additional organic nutrient source to support legionella growth, there is no evidence or confirmation of legionella coming directly from the Water Treatment Plant or in the community water supply distribution system at this time.

Seems like the next step is to communicate with DCH and possibly develop a joint strategy/response. Not sure who in Exec wants to take the lead on this. Steve Busch and Mike Prysby will continue to be lead for us on this. They have been in contact with DCH recently but only to learn that little progress has been made in identifying a source or sources for the illnesses.

Begin forwarded message:

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)"

[<prysbym@michigan.gov>](mailto:prysbym@michigan.gov), Elizabeth Murphy
[<emurphy@cityofflint.com>](mailto:emurphy@cityofflint.com), "Natasha Henderson"
[<nhenderson@cityofflint.com>](mailto:nhenderson@cityofflint.com), Jerry Ambrose
[<gambrose49@gmail.com>](mailto:gambrose49@gmail.com), Dayne Walling [<dwalling@cityofflint.com>](mailto:dwalling@cityofflint.com)
Cc: "Valacak, Mark" [<MVALACAK@gchd.us>](mailto:MVALACAK@gchd.us), "Cupal, Suzanne"
[<scupal@gchd.us>](mailto:scupal@gchd.us), "Hasan, Shurooq" [<shasan@gchd.us>](mailto:shasan@gchd.us), "Childs,
 Bonnie" [<BCHILDS@gchd.us>](mailto:BCHILDS@gchd.us), "Hallwood, Dawn"
[<dhallwood@gchd.us>](mailto:dhallwood@gchd.us), "Johnson, M.D., Gary" [<GIOHNSON@gchd.us>](mailto:GIOHNSON@gchd.us)
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry
 Jim Henry RS, MBA
 Environmental Health Supervisor
 Genesee County Health Department www.gchd.us
 630 S Saginaw St., Suite 4
 Flint, MI 48502-1540
 Phone (810) 257-3618 Fax (810) 257-3125
 E-mail jhenry@gchd.us

From: Miller, Corinne (DCH)
To: Shekter Smith, Liane (DEQ)
Cc: Busch, Stephen (DEQ); Benzie, Richard (DEQ)
Subject: RE: Information Request and Documentation
Date: Thursday, March 12, 2015 3:02:27 PM

Thank you Liane.

I asked staff for a status update after we spoke.

Corinne Miller, PhD
 State Epidemiologist and Director
 Bureau of Disease Control, Prevention and Epidemiology
 Michigan Department of Community Health
 201 Townsend Street
 Lansing, Michigan 48913
 Telephone: 517-335-8900
 Fax: 517-335-8263

From: Shekter Smith, Liane (DEQ)
Sent: Thursday, March 12, 2015 2:48 PM
To: Miller, Corinne (DCH)
Cc: Busch, Stephen (DEQ); Benzie, Richard (DEQ)
Subject: FW: Information Request and Documentation

Corinne –

This is the e-mail I mentioned this morning.

Liane J. Shekter Smith, P.E., Chief
 Office of Drinking Water and Municipal Assistance
 Michigan Department of Environmental Quality
 517-284-6543

Begin forwarded message:

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)"
 <prysbym@michigan.gov>, Elizabeth Murphy
 <emurphy@cityofflint.com>, "Natasha Henderson"
 <nhenderson@cityofflint.com>, Jerry Ambrose

<gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILDS@gchd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry

Jim Henry RS, MBA

Environmental Health Supervisor

Genesee County Health Department www.gchd.us

630 S. Saginaw St., Suite 4

Flint, MI 48502-1540

Phone (810) 257-3618 Fax (810) 257-3125

E-mail jhenry@gchd.us

From: Busch, Stephen (DEQ)
To: jhenry@gchd.us
Cc: Prysby, Mike (DEQ); Shekter Smith, Liane (DEQ)
Subject: RE: Information Request and Documentation
Date: Friday, March 13, 2015 3:46:59 PM
Attachments: FOIA Request Flint Water.doc

Mr. Henry,

The January 27, 2015, FOIA request you provided was directed to the City of Flint, not the DEQ. The DEQ has no record of a FOIA request from your office for such information. It is our understanding that the City has responded to your FOIA request, has helped you adequately redefine your request within the City's scope of public record to address such ambiguities as "any additional areas of concern", and provided you with additional information beyond the scope of your request.

The DEQ fully recognizes the public health threat posed to individuals that contract Legionnaires' Disease with the understanding that the disease is not contracted by ingestion of potable water and therefore not regulated under the federal Safe Drinking Water Act. Your email below claims that you have explicitly explained the situation to our Department. However, since contacting our office early last October to indicate a rise in cases, we have not received any further information regarding your epidemiological investigation into this matter.

Further, conclusions that legionella is coming from the public water system without the presentation of any substantiating evidence from your epidemiologic investigation appears premature and prejudice toward that end.

It is highly unlikely that legionella would be present in treated water coming from the City of Flint water treatment plant given the treatment plant's use of ozone along with complete treatment and chlorine disinfect contact time to comply with federal surface water treatment rules for potable water. Detections of total coliform or heterotrophic bacteria in the City's public water distribution system indicate an environment where bacterial growth may be supported. However, there is no direct correlation that can be made to the presence of legionella. While total organic carbon levels in potable water may serve as a food source for bacteria growth in private plumbing system, water temperatures in the City's distribution system are below legionella growth range, and chlorine residual levels would also limit such growth.

Our office agrees that water main breaks, water leaks, and system repairs are possible vectors for legionella to enter the public water system. These should be investigated as part of your epidemiology. DEQ staff can be made available to assist GCHD and the City regarding such matters, but to date no request by GCHD for any such meeting has been received, let alone declined as alleged in your email.

If GCHD is seeking assistance to complete its epidemiological investigation regarding this matter, such resource requests should be directed to the Michigan Department of Community Health. Our Office agrees that a multi-agency partnership would be beneficial to move forward and develop a unified response. In that respect, if our Office can be of any further assistance you may contact me directly.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: "Henry, James" <jhenry@gchd.us>
Date: March 10, 2015 at 6:40:17 PM EDT
To: Howard Croft <hcroft@cityoffflint.com>, "Mike Prysby (DEQ)" <prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityoffflint.com>, "Natasha Henderson" <nhenderson@cityoffflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityoffflint.com>
Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILDS@gchd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>
Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry
Jim Henry RS, MBA
Environmental Health Supervisor
Genesee County Health Department www.gchd.us
630 S. Saginaw St., Suite 4
Flint, MI 48502-1540
Phone (810) 257-3618 Fax (810) 257-3125
E-mail jhenry@gchd.us

From: [Crooks, Jennifer](#)
To: [Benzie, Richard \(DEQ\)](#)
Subject: RE: Information Request and Documentation
Date: Wednesday, March 18, 2015 9:54:03 AM
Importance: High

Hi, Richard. I know you've been in training this week, but I'm wondering if you'd be able to call Tom Poy when you get a minute to discuss this issue below. He understands that you may need to keep some internal discussions under your hat right now, but he wants to touch base with you—He's working on this from EPA end, and wants to provide assistance to you all.
 Jen

From: Benzie, Richard (DEQ) [mailto:BENZIER@michigan.gov]
Sent: Thursday, March 12, 2015 6:22 PM
To: Poy, Thomas; Crooks, Jennifer
Subject: FW: Information Request and Documentation
Importance: High

Please treat this information as confidential at this point as I am not sure when and who will bring this matter forward for public knowledge. But I thought you should get a heads up that another problem could become public soon. Liane forwarded the message from Genesee County to our management this morning, along with the attached document, but we have not received a response yet. She also contacted the Department of Community Health and they are following up with the County. They told Liane that they have been offering assistance to the county on this matter on several occasions and had not received a response.

Steve and Mike indicated that they were not contacted by the county on this issue as stated in the attachment, so we don't know who they did contact or if they did. We suspect they are escalating the request for information at this time, but we also wonder why they need much of the information they requested from the city to conduct their investigation, which should have been completed by now. Both DEQ and DCH had the same reaction to their statement about the river before they complete their investigation.

Steve, Liane and I will be meeting tomorrow morning to discuss further. We may be meeting with the executive office as well.

From: Benzie, Richard (DEQ)
Sent: Wednesday, March 11, 2015 7:33 PM
To: Shekter Smith, Liane (DEQ)
Cc: Busch, Stephen (DEQ); Prysby, Mike (DEQ)
Subject: RE: Information Request and Documentation

Liane,

Steve's initial response is below.

As I see it, we need a plan of action fast.

- 1) Inform DEQ management, including legislative and media liaisons; suggest additional communication with DCH
- 2) Prepare response to Genesee County email – did anyone in ODWMA or DEQ have any contact with Genesee County about Legionella and if so, when and what? Was anyone in ODWMA or DEQ requested to meet with Genesee County to discuss Legionella and if so, when, and did they “decline” to meet?
- 3) Contact Flint to alert them of County’s concerns and determine their response to the January 27th FOIA request.
- 4) Arrange for a meeting with Genesee County and other parties as deemed appropriate by DEQ management – DCH, Flint, Governor’s Office, etc.; Establish a “Lead” agency but also develop a team approach to move forward and determine an appropriate, common message as well as when such information should be shared and by whom. Determine how long has Genesee County, DCH, and Flint been aware of the increased cases of Legionella and what the message should be about delays in public notification.
- 5) Determine additional steps – possible monitoring protocols, premise plumbing treatment options, public precautions if any, etc.; Consider possible CDC assistance.
- 6) Determine if EPA will be willing to share their draft Legionella guidance document being developed by a workgroup consisting of EPA, the States of Ohio, Minnesota, Pennsylvania, Washington, Nevada, Missouri and Nebraska, and CDC. The guidance will characterize the effectiveness of treatment technologies to address Legionella and address relevant regulatory implications. The primary implication is that individual customers that install “secondary” treatment systems to remove, reduce or prevent Legionella in their premise plumbing (such as hospitals are already doing) become by federal definition, public water systems required to comply with all applicable requirements of the Safe Drinking Water Act. The guidance has been delayed by internal reviews at EPA, but they are hoping to be able to have a final document in summer of 2015.

That’s all I can think of at this point. Let me know what you think.

From: Busch, Stephen (DEQ)
Sent: Wednesday, March 11, 2015 9:37 AM
To: Prysby, Mike (DEQ); Benzie, Richard (DEQ)
Subject: RE: Information Request and Documentation

Mike,

I am not aware of a meeting request from Jim Henry or the Genesee County Health Department as indicated in his email below. Did you receive any such request?

The FOIA is specifically directed to the City of Flint not the DEQ. If requested some of the information asked for regarding Total Coliform and E.Coli compliance sampling could be provided, but there may also be additional construction repair sampling data.

We can respond to Jim when you get back in, but at this point while the change in source may have created water quality conditions that could provide additional organic nutrient source to support legionella growth, there is no evidence or confirmation of legionella coming directly from the Water

Treatment Plant or in the community water supply distribution system at this time.

Stephen Busch, P.E.

Lansing and Jackson District Supervisor

Office of Drinking Water and Municipal Assistance

MDEQ

517-643-2314

From: Prysby, Mike (DEQ)

Sent: Wednesday, March 11, 2015 7:35 AM

To: Busch, Stephen (DEQ); Benzie, Richard (DEQ)

Subject: Fwd: Information Request and Documentation

I am out today and will return tomorrow. Having trouble getting the attachment to open on my phone...but since it appears to be a FOIA regarding Legionella, I felt it is prudent to get this message to you. I will be available tomorrow to discuss or compile any info that we have.

Sent from my iPhone

Begin forwarded message:

From: "Henry, James" <jhenry@gchd.us>

Date: March 10, 2015 at 6:40:17 PM EDT

To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)" <prysbvm@michigan.gov>, Elizabeth Murphy <emurphy@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>

Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILDS@gchd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>

Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry

Jim Henry RS, MBA

Environmental Health Supervisor

Genesee County Health Department www.gchd.us

630 S. Saginaw St., Suite 4

Flint, MI 48502-1540

Phone (810) 257-3618 Fax (810) 257-3125

E-mail jhenry@gchd.us

From: Busch, Stephen (DEQ)
To: Henry, James
Cc: Prysby, Mike (DEQ); Benzie, Richard (DEQ); Shekter Smith, Liana (DEQ)
Subject: RE: Legionella Conference Call w/ MDCH
Date: Tuesday, April 07, 2015 12:10:20 PM
Attachments: image001.png

I am out of the office on Sick Leave today.

Mike Prysby will try to call in.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: Henry, James [mailto:jhenry@gchd.us]
Sent: Tuesday, April 07, 2015 12:06 PM
To: Busch, Stephen (DEQ)
Cc: Prysby, Mike (DEQ)
Subject: Legionella Conference Call w/ MDCH

Hello Mr. Busch,

If possible would you or a representative from your office please attend the conference call that is being hosted by MDCH regarding the Legionella cases in Genesee County. Your knowledge and experiences may help us better understand the Flint municipal water system and municipal water in general, relative to Legionella. I understand that this is short notice, the meeting is today at 2:30pm and the call line is below.

1-877-873-8017
 Access code: 7931338

Thank you
 Jim

Jim Henry RS, MBA
 Environmental Health Supervisor
 Genesee County Health Department www.gchd.us
 630 S. Saginaw St., Suite 4
 Flint, MI 48502-1540
 Phone (810) 257-3618 Fax (810) 257-3125
 E-mail jhenry@gchd.us



*NOTICE: This e-mail, including attachments, is intended for the exclusive use of the addressee and may contain proprietary, confidential or privileged information. If you are not the intended recipient, any disclosure, use, distribution, copying, or taking of any action in reliance of the contents of this e-mail is strictly prohibited. If you have received this e-mail in error, please notify me via e-mail and permanently delete the original and destroy all copies. Thank you.

For a copy of the Health Department's Notice of Information Practices, contact the Health Department or visit the Health Department's website at <http://www.gchd.us/>

From: Hasan, Shurooq
Sent: Tuesday, April 7, 2015 10:25 AM
To: Henry, James
Subject: FW: Conference call line

From: Johnson, Shannon (DCH) [<mailto:JohnsonS61@michigan.gov>]
Sent: Monday, April 06, 2015 8:40 AM
To: Hasan, Shurooq
Subject: Conference call line

Hi Shurooq,

The conference call line for tomorrow's call from 2:30-3:30pm is:

1-877-873-8017
 Access code: 7931338

Thanks,
 Shannon

Shannon Andrews Johnson, MPH
 Infectious Disease Epidemiologist
 Michigan Dept. of Community Health
 201 Townsend St., CVB 5th Floor

Lansing, MI 48913

Phone: 517-335-8165

Fax: 517-335-8263

From: Prysby, Mike (DEQ)
To: Busch, Stephen (DEQ); Henry, James
Cc: Benzie, Richard (DEQ); Shekter Smith, Liane (DEQ)
Subject: RE: Legionella Conference Call w/ MDCH
Date: Tuesday, April 07, 2015 12:46:40 PM
Attachments: image001.png

I am available

Michael Prysby, P.E.
 District Engineer
 Office of Drinking Water and Municipal Assistance
 517 290-8817

From: Busch, Stephen (DEQ)
Sent: Tuesday, April 07, 2015 12:10 PM
To: Henry, James
Cc: Prysby, Mike (DEQ); Benzie, Richard (DEQ); Shekter Smith, Liane (DEQ)
Subject: RE: Legionella Conference Call w/ MDCH

I am out of the office on Sick Leave today.

Mike Prysby will try to call in.

Stephen Busch, P.E.
 Lansing and Jackson District Supervisor
 Office of Drinking Water and Municipal Assistance
 MDEQ
 517-643-2314

From: Henry, James [<mailto:jhenry@gchd.us>]
Sent: Tuesday, April 07, 2015 12:06 PM
To: Busch, Stephen (DEQ)
Cc: Prysby, Mike (DEQ)
Subject: Legionella Conference Call w/ MDCH

Hello Mr. Busch,

If possible would you or a representative from your office please attend the conference call that is being hosted by MDCH regarding the Legionella cases in Genesee County. Your knowledge and experiences may help us better understand the Flint municipal water system and municipal water in general, relative to Legionella. I understand that this is short notice, the meeting is today at 2:30pm and the call line is below.

1-877-873-8017
 Access code: 7931338

Thank you

Jim

Jim Henry RS, MBA
 Environmental Health Supervisor
 Genesee County Health Department www.gchd.us
 630 S. Saginaw St., Suite 4
 Flint, MI 48502-1540
 Phone (810) 257-3618 Fax (810) 257-3125
 E-mail jhenry@gchd.us



*NOTICE: This e-mail, including attachments, is intended for the exclusive use of the addressee and may contain proprietary, confidential or privileged information. If you are not the intended recipient, any disclosure, use, distribution, copying, or taking of any action in reliance of the contents of this e-mail is strictly prohibited. If you have received this e-mail in error, please notify me via e-mail and permanently delete the original and destroy all copies. Thank you.

For a copy of the Health Department's Notice of Information Practices, contact the Health Department or visit the Health Department's website at <http://www.gchd.us/>

From: Hasan, Shurooq
Sent: Tuesday, April 7, 2015 10:25 AM
To: Henry, James
Subject: FW: Conference call line

From: Johnson, Shannon (DCH) [<mailto:JohnsonS61@michigan.gov>]
Sent: Monday, April 06, 2015 8:40 AM
To: Hasan, Shurooq
Subject: Conference call line

Hi Shurooq,

The conference call line for tomorrow's call from 2:30-3:30pm is:

1-877-873-8017

Access code: 7931338

Thanks,
Shannon

Shannon Andrews Johnson, MPH
Infectious Disease Epidemiologist
Michigan Dept. of Community Health
201 Townsend St., CVB 5th Floor
Lansing, MI 48913
Phone: 517-335-8165
Fax: 517-335-8263

From: Monosmith, Carrie (DEQ)
To: Shekter Smith, Liane (DEQ); Benzie, Richard (DEQ)
Cc: Busch, Stephen (DEQ)
Subject: RE: MHA & Michigan DEQ re: McLaren-Flint Water Treatment to Prevent Legionella
Date: Thursday, March 19, 2015 8:59:06 AM

The call is cancelled. We are going to try and reschedule in April.--Carrie

From: Monosmith, Carrie (DEQ)
Sent: Thursday, March 19, 2015 8:21 AM
To: Shekter Smith, Liane (DEQ); Benzie, Richard (DEQ)
Cc: Busch, Stephen (DEQ)
Subject: FW: MHA & Michigan DEQ re: McLaren-Flint Water Treatment to Prevent Legionella
Importance: High

I have finally been able to set up a conference call with some of the members of the Michigan Hospital Association. However, I do believe they are more interested in what is happening in Flint rather than the regulatory aspects of secondary treatment. Unfortunately, this meeting can only be held at 3 PM this afternoon, or else it will wait at least 2 more weeks because one of their participants will be out of the country.

I worked with Janice Jones, MHA, to get this set up. I did tell her that we would try to do it today, but it may have to be cancelled because the key people here all had meeting conflicts. (It conflicts with the Region 5 PWSS State call.) I don't mind handling the call, but I don't know the current Flint situation or enough of the particulars on the Legionella outbreak there to adequately answer their questions. Liane & Richard—if you can't participate, perhaps Steve Busch and I could meet with them. Please let me know what you would like to do so that if this needs to be postponed I won't be doing it at the last minute, thanks-Carrie

From: [Benzie, Richard \(DEQ\)](#)
To: [Devereaux, Tracy Jo \(DEQ\)](#)
Subject: RE: ODWMA Management Meeting Minutes 2015-March 10-Draft
Date: Monday, March 30, 2015 11:12:31 AM
Attachments: [ODWMA Management Meeting Minutes 2015-March 10-Draft \(3\).docx](#)

Here's my final version with notes added from Sue Maul and me.

From: Devereaux, Tracy Jo (DEQ)
Sent: Tuesday, March 24, 2015 7:59 AM
To: Benzie, Richard (DEQ)
Subject: ODWMA Management Meeting Minutes 2015-March 10-Draft

Final draft for your review – I inserted your summary under #3 on the agenda...did you not have any items for #1 or #2?

From: Shekter Smith, Liane (DEQ)
To: Anderson, Madhu (DEQ)
Cc: Copen, Leigh (DEQ); Devereaux, Tracy Jo (DEQ)
Subject: RE: Potential issues
Date: Tuesday, April 21, 2015 5:02:18 PM
Attachments: image001.png
image002.png

Director Lyons is aware of the potential legionella issue in Genesee County. He may not know that the investigation has not yet been completed or that a source has not yet been identified. DCH (Corinee Miller and her staff) and DEQ staff have been in contact.

Recently, our Environmental Health Section asked for assistance with an arsenic brochure that we were updating. DCH staff (Lynda Dykema, Kory Groetsch, Jen Gray and Lisa Quiggle) helped us edit this document and get it ready for distribution.

Liane J. Shekter Smith, P.E., Chief
 Office of Drinking Water and Municipal Assistance
 Michigan Department of Environmental Quality
 517-284-6543

From: Anderson, Madhu (DEQ)
Sent: Tuesday, April 21, 2015 4:15 PM
To: Shekter Smith, Liane (DEQ)
Cc: Copen, Leigh (DEQ)
Subject: Potential issues

Liane - I know this is short notice... but the Director and I are visiting with Nick Lyons tomorrow. Are there any specific issues that you think we should raise with him tomorrow as ones to be on the lookout for? Flint, septic proposals, etc. come to mind...
 Thanks,

Madhu

Madhu R. Anderson
 Deputy Director, Economic and Strategic Initiatives
 ☎ 517 284 6702 or 517 290 9653



From: Busch, Stephen (DEQ)
To: Shekter Smith, Liane (DEQ)
Cc: Benzie, Richard (DEQ)
Subject: RE: SMT Paragraphs for April 6 meeting
Date: Monday, April 06, 2015 4:31:24 PM

I think your note should cover it at this point.

Here is some other info FYI.

- No movement from DCH/GCHD on Legionella to my knowledge
- The EM transition is anticipated to begin this month.
- The WTP is having issues with plant tap Bromate levels. The RAA won't be calculated until end of June, but the average to this point is hovering just above the MCL of 10 ppb.
- Mike just issued a construction permit for a replacement of 8400 feet of 24 inch transmission main (a multi-million dollar project) that should help with some distribution issues.
- The City's consultant is also preparing a construction permit application to revamp WTP filters with GAC.
- The PN for TTHM MCL violation went out last week, so we may see more calls, next samples are in May.
- The resident with high lead levels was found to have a lead service line connected to an older parallel main. The service line has been completely replaced.
- The City has been given info to prepare an LT2 sampling plan, due 7/1 with monitoring to start 10/1.

Stephen Busch, P.E.

Lansing and Jackson District Supervisor

Office of Drinking Water and Municipal Assistance

MDEQ

517-643-2314

From: Shekter Smith, Liane (DEQ)
Sent: Monday, April 06, 2015 3:59 PM
To: Benzie, Richard (DEQ); Busch, Stephen (DEQ); Butler, Sonya (DEQ); Crooks, Jennifer (crooks.jennifer@epa.gov); Green, Kelly (DEQ)
Cc: Devereaux, Tracy Jo (DEQ)
Subject: RE: SMT Paragraphs for April 6 meeting

There were a number of questions this morning during our SMT meeting about what is new in Flint.

I'm proposing to include the following paragraph in the SMT summary. Please let me know if you have concerns or think we need to add additional information.

ODWMA shared that we are still working with and following the situation in the city of Flint. It was reported that the city council voted to return to water supplied by DWSD. However, the emergency manager and the mayor indicated that they will be continuing to use the Flint River. DEQ staff continues to provide oversight to ensure that water provided by the city of Flint meets drinking

water standards. As a result of elevated trihalomethane (TTHM) levels last summer, the city continues to exceed the locational running annual average for TTHMs at one sampling site. However, all samples this quarter were low. It appears that operational changes implemented by the plant are managing previous water quality concerns. On another note, the city has requested U.S. EPA provide principal forgiveness for past low-interest SRF (State Revolving Fund) loans and DWRP (Drinking Water Revolving Fund) loans. We are awaiting an official response from EPA.

Liane

From: Thelen, Mary Beth (DEQ)
Sent: Monday, April 06, 2015 10:56 AM
To: DEQ-EXE-MGMT-TEAM; DEQ-District-Coordination
Cc: DEQ-EXE-MGMT-TEAM-Secretaries
Subject: SMT Paragraphs for April 6 meeting
Importance: High

Please send your SMT paragraph(s) to Carrie Barr and me by Tuesday noon of this week. If you didn't have anything to report but would like to include something, please feel free to send it to us.

Thank you.

Mary Beth

Mary Beth Thelen
Management Assistant to Director Dan Wyant
Department of Environmental Quality
Constitution Hall, 6th Floor South
Phone: 517-284-6712 or 284-6700 (new numbers)
Fax: 517-241-7401
Thelenm2@michigan.gov

From: [Shekter Smith, Liane \(DEQ\)](#)
To: [Lachance, Amy \(DEQ\)](#)
Cc: [Devereaux, Tracy Jo \(DEQ\)](#)
Subject: RE: Staff Development Team
Date: Monday, August 03, 2015 11:51:50 AM
Attachments: [ODWMA New Employee Training Agenda.docx](#)

Attached is the draft agenda that I was working on.

From: Lachance, Amy (DEQ)
Sent: Monday, August 03, 2015 10:59 AM
To: Shekter Smith, Liane (DEQ)
Cc: Devereaux, Tracy Jo (DEQ)
Subject: Staff Development Team

Hi Liane – Tami Eyer asked for District Coordinator volunteers to be on the staff development team as it relates to Organization Excellence, so I jumped on board. One of the components we are exploring is expanding the Tuesday School concept to all divisions/offices. Can you share with me your working draft of the ODWMA Tuesday School concept that I believe you are developing? No hurry. Thanks - Amy

From: Benzie, Richard (DEQ)
To: Shekter, Smith, Liane (DEQ); Devereaux, Tracy Jo (DEQ); Butler, Sonya (DEQ); Monosmith, Carrie (DEQ)
Cc: Busch, Stephen (DEQ); Cook, Pat (DEQ)
Subject: RE: Thursday's schedule...
Date: Wednesday, March 25, 2015 6:14:49 PM

I reserved the Iverson (on 3rd floor) not knowing at the time whether I would have interviews all day (I do). I don't know that I reserved anything else or even registered if needed because of my conflict.

From: Shekter Smith, Liane (DEQ)
Sent: Wednesday, March 25, 2015 5:36 PM
To: Devereaux, Tracy Jo (DEQ); Tetzlaff, Katherine (DEQ); Butler, Sonya (DEQ); Monosmith, Carrie (DEQ); Benzie, Richard (DEQ)
Subject: Thursday's schedule...

Just wanted to share with you my schedule for tomorrow since I'm out first thing and the morning got rather full:

8am - breakfast meeting with Milan Supply and others to discuss an opportunity to provide well construction and pump selection training for ODWMA staff. Dana, Jim McEwan and Brant F. will be at the meeting too.

10am – 1/1 with Sonya (I'll try not to be late ☺!)

11am – Sonya and I are meeting with Dan W. to discuss SAW

11:15am – meeting with Sarah Howes, Jim Sygo, Debbie O. and Katelyn W. to discuss MHCs.

1:30pm – there's a webinar re: Legionella. I believe someone rsvp'd and a room was reserved but I'm not recalling details at this time.

From: [Benzie, Richard \(DEQ\)](#)
To: [Crooks, Jennifer](#)
Cc: [Shekter Smith, Liane \(DEQ\)](#)
Subject: Re: Information Request and Documentation
Date: Wednesday, March 18, 2015 10:29:17 AM

I will try. Maybe Liane can also talk with Tom before I may be able to get a chance.

Sent using OWA for iPhone

From: Crooks, Jennifer <crooks.jennifer@epa.gov>
Sent: Wednesday, March 18, 2015 9:53:19 AM
To: Benzie, Richard (DEQ)
Subject: RE: Information Request and Documentation

Hi, Richard. I know you've been in training this week, but I'm wondering if you'd be able to call Tom Poy when you get a minute to discuss this issue below. He understands that you may need to keep some internal discussions under your hat right now, but he wants to touch base with you—He's working on this from EPA end, and wants to provide assistance to you all.

Jen

From: Benzie, Richard (DEQ) [mailto:BENZIER@michigan.gov]
Sent: Thursday, March 12, 2015 6:22 PM
To: Poy, Thomas; Crooks, Jennifer
Subject: FW: Information Request and Documentation
Importance: High

Please treat this information as confidential at this point as I am not sure when and who will bring this matter forward for public knowledge. But I thought you should get a heads up that another problem could become public soon. Liane forwarded the message from Genesee County to our management this morning along with the attached document, but we have not received a response yet. She also contacted the Department of Community Health and they are following up with the County. They told Liane that they have been offering assistance to the county on this matter on several occasions and had not received a response.

Steve and Mike indicated that they were not contacted by the county on this issue as stated in the attachment, so we don't know who they did contact or if they did. We suspect they are escalating the request for information at this time, but we also wonder why they need much of the information they requested from the city to conduct their investigation, which should have been completed by now. Both DEQ and DCH had the same reaction to their statement about the river before they complete their investigation.

Steve, Liane and I will be meeting tomorrow morning to discuss further. We may be meeting with the executive office as well.

From: Benzie, Richard (DEQ)
Sent: Wednesday, March 11, 2015 7:33 PM

To: Shekter Smith, Liane (DEQ)
Cc: Busch, Stephen (DEQ); Prysby, Mike (DEQ)
Subject: RE: Information Request and Documentation

Liane,

Steve's initial response is below.

As I see it, we need a plan of action fast.

- 1) Inform DEQ management, including legislative and media liaisons; suggest additional communication with DCH
- 2) Prepare response to Genesee County email – did anyone in ODWMA or DEQ have any contact with Genesee County about Legionella and if so, when and what? Was anyone in ODWMA or DEQ requested to meet with Genesee County to discuss Legionella and if so, when, and did they “decline” to meet?
- 3) Contact Flint to alert them of County's concerns and determine their response to the January 27th FOIA request.
- 4) Arrange for a meeting with Genesee County and other parties as deemed appropriate by DEQ management – DCH, Flint, Governor's Office, etc.; Establish a “Lead” agency but also develop a team approach to move forward and determine an appropriate, common message as well as when such information should be shared and by whom. Determine how long has Genesee County, DCH, and Flint been aware of the increased cases of Legionella and what the message should be about delays in public notification.
- 5) Determine additional steps – possible monitoring protocols, premise plumbing treatment options, public precautions if any, etc.; Consider possible CDC assistance.
- 6) Determine if EPA will be willing to share their draft Legionella guidance document being developed by a workgroup consisting of EPA, the States of Ohio, Minnesota, Pennsylvania, Washington, Nevada, Missouri and Nebraska, and CDC. The guidance will characterize the effectiveness of treatment technologies to address Legionella and address relevant regulatory implications. The primary implication is that individual customers that install “secondary” treatment systems to remove, reduce or prevent Legionella in their premise plumbing (such as hospitals are already doing) become by federal definition, public water systems required to comply with all applicable requirements of the Safe Drinking Water Act. The guidance has been delayed by internal reviews at EPA, but they are hoping to be able to have a final document in summer of 2015.

That's all I can think of at this point. Let me know what you think.

From: Busch, Stephen (DEQ)
Sent: Wednesday, March 11, 2015 9:37 AM
To: Prysby, Mike (DEQ); Benzie, Richard (DEQ)
Subject: RE: Information Request and Documentation

Mike,

I am not aware of a meeting request from Jim Henry or the Genesee County Health Department as indicated in his email below. Did you receive any such request?

The FOIA is specifically directed to the City of Flint not the DEQ. If requested some of the information asked for regarding Total Coliform and E.Coli compliance sampling could be provided, but there may also be additional construction repair sampling data.

We can respond to Jim when you get back in, but at this point while the change in source may have created water quality conditions that could provide additional organic nutrient source to support legionella growth, there is no evidence or confirmation of legionella coming directly from the Water Treatment Plant or in the community water supply distribution system at this time.

Stephen Busch, P.E.

Lansing and Jackson District Supervisor

Office of Drinking Water and Municipal Assistance

MDEQ

517-643-2314

From: Prysby, Mike (DEQ)

Sent: Wednesday, March 11, 2015 7:35 AM

To: Busch, Stephen (DEQ); Benzie, Richard (DEQ)

Subject: Fwd: Information Request and Documentation

I am out today and will return tomorrow. Having trouble getting the attachment to open on my phone...but since it appears to be a FOIA regarding Legionella, I felt it is prudent to get this message to you. I will be available tomorrow to discuss or compile any info that we have.

Sent from my iPhone

Begin forwarded message:

From: "Henry, James" <jhenry@gchd.us>

Date: March 10, 2015 at 6:40:17 PM EDT

To: Howard Croft <hcroft@cityofflint.com>, "Mike Prysby (DEQ)" <prysbym@michigan.gov>, Elizabeth Murphy <emurphy@cityofflint.com>, "Natasha Henderson" <nhenderson@cityofflint.com>, Jerry Ambrose <gambrose49@gmail.com>, Dayne Walling <dwalling@cityofflint.com>

Cc: "Valacak, Mark" <MVALACAK@gchd.us>, "Cupal, Suzanne" <scupal@gchd.us>, "Hasan, Shurooq" <shasan@gchd.us>, "Childs, Bonnie" <BCHILD@chd.us>, "Hallwood, Dawn" <dhallwood@gchd.us>, "Johnson, M.D., Gary" <GIOHNSON@gchd.us>

Subject: Information Request and Documentation

Hello everyone,

The Genesee County Health Department has made several written and verbal requests for specific information since October, 2014, including a Freedom of Information Act Request on January 27, 2015. The information still has not been received and the city's lack of cooperation continues to prevent my office from performing our responsibilities.

The Genesee County Health Department has the responsibility to conduct illness investigations and consider all potential sources, this is not optional. In 2014, Genesee

County experienced a significant increase of confirmed Legionella illnesses relative to previous years. Legionella can be a deadly, waterborne disease that typically affects the respiratory system.

The increase of the illnesses closely corresponds with the timeframe of the switch to Flint River water. The majority of the cases reside or have an association with the city. Also, McLaren Hospital identified and mitigated Legionella in their water system. This is rather glaring information and it needs to be looked into now, prior to the warmer summer months when Legionella is at its peak and we are potentially faced with a crisis.

This situation has been explicitly explained to MDEQ and many of the city's officials. I want to make sure, in writing that there are no misunderstandings regarding this significant and urgent public health issue. The Trihalomethane issues "pale in comparison" to the potential public health risks of Legionella.

I am submitting the attached FOIA request again and requesting that the legal obligations of the request are met. If the information is not available, please let me know. In the past, I have requested to meet with the water plant staff and MDEQ regarding Legionella concerns. I did not receive a response from the water plant staff and MDEQ declined. I think it is in the best interest for all stakeholders that we meet and discuss the issues.

Respectfully,

Jim

Jim Henry

Jim Henry RS, MBA

Environmental Health Supervisor

Genesee County Health Department www.gchd.us

630 S. Saginaw St., Suite 4

Flint, MI 48502-1540

Phone (810) 257-3618 Fax (810) 257-3125

E-mail jhenry@gchd.us

From: Shekter, Smith, Liane (DEQ)
To: Devereaux, Tracy Jo (DEQ); Tetzlaff, Kathenna (DEQ); Butler, Sonya (DEQ); Monosmith, Carrie (DEQ); Benza, Richard (DEQ)
Subject: Thursday's schedule...
Date: Wednesday, March 25, 2015 5:35:42 PM

Just wanted to share with you my schedule for tomorrow since I'm out first thing and the morning got rather full:

8am - breakfast meeting with Milan Supply and others to discuss an opportunity to provide well construction and pump selection training for ODWMA staff. Dana, Jim McEwan and Brant F. will be at the meeting too.

10am – 1/1 with Sonya (I'll try not to be late ☺!)

11am – Sonya and I are meeting with Dan W. to discuss SAW

11:15am – meeting with Sarah Howes, Jim Sygo, Debbie O. and Katelyn W. to discuss MHCs.

1:30pm – there's a webinar re: Legionella. I believe someone RSVP'd and a room was reserved but I'm not recalling details at this time.

From: Busch, Stephen (DEO)
To: Howard Croft (hcroft@cityofflint.com); Brent Wright (bwright@cityofflint.com); mcclascow@cityofflint.com; Daugherty Johnson (djohnson@cityofflint.com)
Cc: Gerald Ambrose (gambrose@cityofflint.com); rhenderson@cityofflint.com; Prysby, Mike (DEO)
Subject: Water Quality Optimization Strategy
Date: Tuesday, March 17, 2015 2:01:50 PM

Howard,

As Mike Prysby and I mentioned during our phone call earlier today, the City should be taking action to optimize water quality in the City's distribution system which will in turn provide the City's water customers with water quality that helps limit the potential for legionella occurrence in premise plumbing. It is recognized that contraction of Legionnaires' Disease is not from ingestion of potable water and not regulated under Safe Drinking Water Act requirements. Further, there is currently no direct evidence of legionella in the City's public water system. However, actions by the City of Flint water system can help minimize the potential for an outbreak in customer plumbing systems.

These actions include the following:

- Water main pigging and flushing to remove biofilm, tuberculation, and sediment throughout the distribution system. Failure to remove such material will limit the effectiveness of any disinfectant. Pigging is the preferred process and equipment can be obtained at minimal cost. As the growth range for legionella starts at 68 degrees F, conducting this work as soon as possible in the spring and early summer with cooler temperatures would help reduce the potential for formation under warmer water conditions.
- Maintain pH levels of 7.2-7.8 in finished water and distribution system when possible to maximize the disinfection and oxidation potential of the hypochlorous acid residual (versus the less potent hypochlorite ion). Any optimized corrosion control plan practices regarding pH levels must be taken into consideration.
- Maintain a minimum free chlorine residual of 0.5 mg/L throughout the distribution system when possible. Continuous residual at this level has been shown to be effective in control of legionella. (This will need to be balanced with requirements to limit TTHM formation and comply with the TTHM standard.)
- Continuous operation and optimization of the ozone treatment equipment to treat raw source water. Ozone is highly effective in the destruction of legionella bacteria.
- Conduct routine monitoring for legionella bacteria at the water treatment plant tap and at locations in the distribution system. Note: sample locations must take water directly off the main and not be from premise plumbing systems. Distribution locations could include storage tank inlets or pumping stations. Monitoring at the WTP plant tap would demonstrate removal of any legionella present in raw source water. A private laboratory that specializes in water sample analysis for legionella would need to be used.
- Optimize water treatment plant operation for pathogen reduction under surface water

treatment rule requirements. Optimizing the removal for similar pathogens can help reduce the potential for legionella.

A conference call with City staff would probably be best to facilitate further discussions of these actions in more detail. Mike and I can make ourselves available this week to discuss and answer any questions.

Stephen Busch, P.E.
Lansing and Jackson District Supervisor
Office of Drinking Water and Municipal Assistance
MDEQ
517-643-2314

From: Benzie, Richard (DEQ)
To: Deveraux, Tracy Jo (DEQ)
Subject: preliminary powerpoint
Date: Wednesday, March 18, 2015 7:19:29 PM
Attachments: DEQ Update - 2015 ODWMA for MRWA Conference 3-2015.pptx

From: Shekter, Smith, Liane (DEQ)
To: Benzie, Richard (DEQ)
Cc: Devereaux, Tracy Jo (DEQ)
Subject: updated DEQ powerpoint
Date: Friday, September 11, 2015 5:35:06 PM
Attachments: DEQ Update 2015 for Fall ACE.pptx

Attached. I'll have it on a flash drive.