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From: Garrison, Laurel (CDC/OID/NCIRD) [<mailto:lee5@cdc.gov>]

Sent: Friday, June 5, 2015 5:05 PM

To: Henry, James; Collins, Jim (CDC michigan.gov)

Cc: Cupal, Suzanne; Hasan, Shurooq; Childs, Bonnie; Valacak, Mark; Yoder, Jonathan S. (CDC/OID/NCEZID); Langley, Gayle E. (CDC/OID/NCIRD); Fialkowski, Veronica (DCH); Meghan Weinberg (CDC michigan.gov); Tyndall Snow, Leigh (DCH); Johnson, Shannon (DCH); Fiedler, Jay (CDC michigan.gov); Bohm, Susan (CDC michigan.gov); Johnson, M.D., Gary; Wright, Michael; PRYSBYM@michigan.gov; Connolly, Stephanie

Subject: RE: Legionellosis Outbreak Investigation

Thanks, Jim. I'm concerned about the hospital. I can get our folks together for a call to discuss next week if you'd like. Do you have the details of what they've been doing to address the colonization there?

From: Henry, James [<mailto:jhenry@gchd.us>]

Sent: Friday, June 05, 2015 4:37 PM

To: Collins, Jim (CDC michigan.gov); Garrison, Laurel (CDC/OID/NCIRD)

Cc: Cupal, Suzanne; Hasan, Shurooq; Childs, Bonnie; Valacak, Mark; Yoder, Jonathan S. (CDC/OID/NCEZID); Langley, Gayle E. (CDC/OID/NCIRD); Fialkowski, Veronica (DCH); Meghan Weinberg (CDC michigan.gov); Tyndall Snow, Leigh (DCH); Johnson, Shannon (DCH); Fiedler, Jay (CDC michigan.gov); Bohm, Susan (CDC michigan.gov); GJOHNSON@gchd.us; Wright, Michael; PRYSBYM@michigan.gov; Connolly, Stephanie

Subject: Legionellosis Outbreak Investigation

Hello Team,

The executive summary regarding the Legionella outbreak is appreciated, but I don't know if there is consensus that it is over. We have been collaborating with our local, state and federal partners regarding the next steps and efforts to improve methods to obtain adequate clinical and environmental isolates.

Genesee County has had three confirmed Legionella cases, since the beginning of May 2015. The most recent cases have provided sputum samples to McLaren Hospital for analysis. We have discussed concerns regarding the hospitals' lack of success isolating the bacteria and MDCH and CDC have expressed interest to assist with the process.

Below is a brief summary of the recent cases.

Patient #1 MDSS 7117888505. Patient #1 was admitted to McLaren Hospital. Approximately one week after being discharged, returned to McLaren and was diagnosed with Legionella. McLaren attempted, but was unable to collect an adequate respiratory specimen. Patient #1 does not receive Flint water at residence.

Patient #2 MDSS #7208825131 Patient #2 was admitted to McLaren Hospital. Approximately 10 days after being discharged, returned to McLaren and was diagnosed with Legionella. Patient #2 does not receive Flint water at residence.

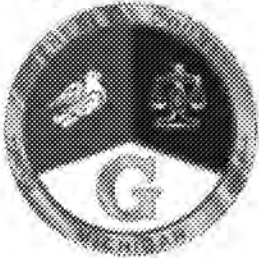
Patient #3 MDSS 7202952890 Patient #3 was admitted to Hurley Hospital. Approximately two months after being discharged, went to McLaren and was diagnosed with Legionella. Patient #3 resides approximately 2-3 miles North of McLaren Hospital and receives Flint water. A family member of Patient #3, indicated that illnesses lingered after returning home from Hurley Hospital and also mentioned that there has been low water pressure events at their residence.

GCHD is prepared to collect environmental samples, as previously discussed, but without the clinical isolate the environmental samples may not have much value.

If there are recommendations, questions or concerns, please reply to the group, as we all have different roles with the investigation.

Thanks Jim

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From: Collins, Jim (DCH) [<mailto:CollinsJ12@michigan.gov>]
Sent: Thursday, June 4, 2015 3:17 PM
To: Garrison, Laurel (CDC/OID/NCIRD)
Cc: Cupal, Suzanne; Henry, James; Hasan, Shurooq; Childs, Bonnie; Valacak, Mark; Yoder, Jonathan S. (CDC/OID/NCEZID); Langley, Gayle E. (CDC/OID/NCIRD); Fialkowski, Veronica (DCH); Weinberg, Meghan (DCH); Tyndall Snow, Leigh (DCH); Johnson, Shannon (DCH); Fiedler, Jay (DCH); Bohm, Susan (DCH)
Subject: Flint, Michigan - Legionellosis Outbreak Investigation Summary

Good Afternoon,