

Subject:Re: Conference Call

Date:Tue, 4 Oct 2016 11:03:15 -0400

From:Nancy Love <nglove@umich.edu>

To:Prof. Susan Masten <masten@egr.msu.edu>

CC:Shawn Patrick McElmurry <s.mcelmurry@wayne.edu>

We do not have qPCR results for specific pathogenic species yet and timing is bad as my student who does this work is out this week. But, we have a more thorough MiSeq result. I have her focused on qPCR of filter effluents only next week once back. I have given her an Oct 14 deadline for first cut results on all samples, not just from July but other effluents taken since. We do know that we CANNOT detect one of the virulence factors (makes toxin that makes one sick) common in Shigella, and I am quite confident in those results (we had positive and negative controls that came out as expected, and George Garcia's lab was able to confirm our result). Next, we are just looking for specific species. We can't just run samples, we have to create positive controls or acquire them. We are focused on: Shigella/E. coli, Pseudomonas aeruginosa, NTM (non-tuberculosis Mycobacterium and Mycobacterium ulcerans), and general fecal indicators. We definitely have genera that contain opportunistic pathogens at all houses, but that is the same as we would find in almost every city in America. It doesn't mean we have the species within that genus present, or high enough counts to cause illness.

I will work on a communication piece tonight based on a conversation I had with Laura Sullivan. Trying to merge Laura's desire for full face-to-face transparency with homeowners, Matt's thoughts about how to communicate so as to avoid causing alarm, and my own principles which align pretty far toward Laura's thoughts, but which desire having more data before engaging.

Sorry. I am not happy with the week off timing and didn't know it was scheduled.

Nancy

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