

From: [Krisztian, George \(DEQ\)](#)
 To: [Graham, Lois \(DEQ\)](#); [Shekter Smith, Liane \(DEQ\)](#)
 Subject: RE: DRAFT residential sampling protocol for DHHS EBL investigations
 Date: Monday, November 09, 2015 2:51:26 PM

Lois,

You raise a really good question with respect to large multi-unit dwellings. From what I have been able to see there are no protocols written for such a scenario and unfortunately there does not appear to be a practical way of dealing with such a situation.

While it would be great to be able to get a large complex to cease water use, this is not really something that could be done practically while the building is occupied so we will simply need to use the protocol as is and add a comment to the report when these types of situations occur.

George

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From: Graham, Lois (DEQ)
 Sent: Monday, November 09, 2015 2:39 PM
 To: Shekter Smith, Liane (DEQ)
 Cc: Krisztian, George (DEQ)
 Subject: RE: DRAFT residential sampling protocol for DHHS EBL investigations

My comments on the attached draft are in [blue](#).
 Do DHHS staff want training for sample collection? Is a sanitarian from Genesee County also attending?

Wondering about the account billing number, is this the same as for the Flint schools? How are the sample analyses being funded?

Add a list of items needed for sample collection besides the sample units, rubber bands, Request for Analysis forms such as *one red fine Sharpie permanent marker, one ultra -fine black Sharpie permanent marker, clip board, flash light*.

Step 3, page 2

I added "cold" after BF = bathroom faucet to clarify cold water not the hot water side.

Are we providing instruction where to place the sample location identifier (i.e. KC-P1, KC-P2, KC-A1...)? I would suggest the Sampling Point description box if the

collection address in that same section of the form is already completed.

Perhaps a sample Request for Analysis form filled out with information attached and refer in the document as Attachment 1? (Including billing number?)

Step 4 Prior to Sample Collection – I would move this higher to position Step 3 and right after Step 2 identify taps to be sampled if there is a home visit the day before or so to inspect plumbing. Otherwise if Step 1 & 2 is on the day of sample collection, move this above the current Step 1.

Wondering about recommended morning arrival time versus the family's morning routine to ensure no water has flowed through the plumbing; such as contacting the residents for appropriate appointment time.

Step 5 OK but we are also instructing to identify the sample as KC-P1, etc. so this part should be modified.

Step 6 – consecutive sampling

I see that these are for home samples, but I was wondering if there might be apartment samples, one former single family home split into multiple units or multi-family apartment building and wondering how these instructions would be applied for the consecutive sampling portion. How to control the water shut off period?

If multi-family apartment building, how can DHHS staff determine if there is a treatment system (softener, filters, etc.)?

-Is there more clarification needed for how to deliver the samples to the DEQ DWL?
Is postage also provided, mailing boxes, or instructions to ship by UPS not US mail?

From: Shekter Smith, Liane (DEQ)
Sent: Monday, November 09, 2015 1:46 PM
To: Krisztian, George (DEQ)
Cc: Busch, Stephen (DEQ); Benzie, Richard (DEQ); Graham, Lois (DEQ); Devereaux, Tracy Jo (DEQ); Sygo, Jim (DEQ); Prysby, Mike (DEQ)
Subject: DRAFT residential sampling protocol for DHHS EBL investigations

Comments?

I'd like to send this to DHHS and to EPA by the end of the day if there are no objections.