

Akagi, Yone

From: Gray.Fredianne@epamail.epa.gov
Sent: Thursday, November 05, 2009 5:56 PM
To: Akagi, Yone
Cc: Jennings.Marie@epamail.epa.gov; messner.michael@epa.gov;
Harris.Stephanie@epamail.epa.gov; Finn.Michael@epamail.epa.gov
Subject: Re: Portland's sample volume

Hi Yone,

Contained within the attachment to your email, below, Marie Jennings' 9/01/09 email includes a discussion by Mike Messner regarding a sample volume of 10,500 liters with no oocysts detected (consistent with Option 1). A paragraph that appears to be your response begins, "I'm not sure I understand Mike's answer. But it sounds like one option is to sample approximately 10,250 liters of water (which is consistent with option 1, likely our preferred option) and that all of the samples need to have zero oocysts." As you and I discussed this morning, a sample volume of 10,250 liters is acceptable, consistent with Option 1. It is also correct that if this sample volume is chosen, there can be no oocysts found. I am, however, unclear how Option 3 is being incorporated into the Portland plan and would appreciate understanding this point.

Thank you for your help in clarifying this for me.

Best,
Fredianne
206-553-6387

"Akagi, Yone" <yakagi@water.ci.portland.or.us>

11/02/2009 04:32 PM

To Marie Jennings/R10/USEPA/US@EPA

cc Stephanie Harris/R10/USEPA/US@EPA, Michael

Messner/DC/USEPA/US@EPA, Fredianne Gray/R10/USEPA/US@EPA

Subject Portland's sample volume

Hi Marie,

I wanted to follow up on one item from our meeting last week with Pete Silva. Regarding my presentation of Portland's LT2 Variance Sampling Plan and Study, which we hope to submit to EPA this month, you had asked about the volume of water that Portland was planning on sampling (10,250 L) and how we arrived at that number. This number comes directly from correspondence between you, Stephanie Harris and Mike Messner. (please see attached pdf of the email chain--I can send the original email, but with the color coding missing, its hard to follow).

When I asked what minimum volume of water Portland should sample for Option 3, Mike recommended a two volumes, one of which was 10,250 liters (to be consistent with Option 1). At this time, Mike also stated that this number was not tied to average spike recovery. I confirmed this number with you on 9/2/09 and again on 9/24/09. In her email dated 9/28/09, Stephanie confirmed that this volume was ok. This was also further confirmed on the call on 9/29/09 between you, Stephanie and myself.

Portland has designed its LT2 Variance Sampling Plan and Study around Option 3 and this volume (10,250L). Please let me know if you need any more information. We can discuss this further during our call tomorrow.

Thanks,
Yone

11/9/2009