To: Jahne, Michael[Jahne.Michael@epa.gov]
From: Meiners, Greg
Sent: Mon 2/26/2018 3:11:47 PM
Subject: RE: AWG QAPP and Audit

Michael,

I tested the drink dispenser and the drain on Friday. The drink dispenser was 0.00 mg/L for both free and total chlorine. The main tank drain was 0.00 mg/L free and 0.01 mg/L total. I drained the tank completely and ran 2 liters out of both the ambient and cold drink dispensers.

I'm preparing now to collect samples and drain the tank. You have already been here today (Monday)?

APTIM

Greg Meiners

Ex. 4 - CBI

www.aptim.com

From: Jahne, Michael [Jahne.Michael@epa.gov]
Sent: Monday, February 26, 2018 8:10 AM
To: Meiners, Greg
Subject: RE: AWG QAPP and Audit

Hi Greg- I collected samples on Thurs morning around 9AM and recorded in the log book. Did

you test the sample for chlorine?

Thanks,

Michael

From: Meiners, Greg Ex. 4 - CBI
Sent: Friday, February 23, 2018 9:55 AM
To: Jahne, Michael <Jahne.Michael@epa.gov>
Cc: Hall, John <Hall.John@epa.gov>; Szabo, Jeff <Szabo.Jeff@epa.gov>
Subject: RE: AWG QAPP and Audit

Hi Michael,

I'm in a meeting in the conference room with John Hall & Jeff Szabo in case you need me. I sampled and drained the WaterGen yesterday afternoon. It's already back up to 95% full, so go ahead and sample all you need. The log book is on top of the yellow cabinet next to the unit. Thanks!

APTIM

Greg Meiners

Ex. 4 - CBI

www.aptim.com

From: Jahne, Michael [Jahne.Michael@epa.gov]
Sent: Thursday, February 15, 2018 1:16 PM
To: Meiners, Greg
Subject: FW: AWG QAPP and Audit

Hi Greg,

See attached and let me know if you have any changes. I noticed that there is a redundant and empty section "B2.3 Water Quality Sample Collection" which I believe is a mistake- I have already reached out to Brittany for clarification so just that ignore for now.

Thanks,

Michael

From: Stuart, Brittany
Sent: Wednesday, February 14, 2018 4:31 PM
To: Jahne, Michael <Jahne.Michael@epa.gov>
Subject: RE: AWG QAPP and Audit

Michael,

I have updated parts of the QAPP to more accurately reflect the planned activities performed by APTIM. Greg's notes should be reflected here. I also included Section D1.1 covering APTIMs plan for review. Would you mind reviewing this version and providing to APTIM to ensure it accurately reflects all notes from our conversation?

Only remaining question, I believe is related to the source water for the field blanks. Did you have a chance to think about this and talk to Stacy?

Brittany Stuart, Quality Assurance Manager

U.S. EPA Office of Research and Development

National Exposure Research Laboratory

Systems Exposure Division

960 College Station Road

Athens, Georgia 30605

Office: 706-355-8814

Email: stuart.brittany@epa.gov

"Quality Exposure Science for the Protection of Human Health and the Environment"

From: Jahne, Michael
Sent: Thursday, February 08, 2018 10:06 AM
To: Stuart, Brittany <Stuart.Brittany@epa.gov>
Subject: RE: AWG QAPP and Audit

Hi Brittany, looks great. Quick responses to comments attached and can discuss later, particularly how APTIM will record data.

Thanks,

Michael

From: Stuart, Brittany
Sent: Thursday, February 08, 2018 8:13 AM
To: Jahne, Michael <Jahne.Michael@epa.gov>
Subject: FW: AWG QAPP and Audit

Michael,

Draft v5 attached. This version incorporates changes made from comments received by Michelle, Margie, and Greg. Some of the outstanding comments may come up this afternoon so we can address them at that time.

See you at 1:30!

Brittany Stuart, Quality Assurance Manager

U.S. EPA Office of Research and Development

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Email: stuart.brittany@epa.gov

"Quality Exposure Science for the Protection of Human Health and the Environment"

From: Jahne, Michael
Sent: Wednesday, February 07, 2018 7:56 AM
To: Stuart, Brittany <Stuart.Brittany@epa.gov>
Subject: FW: AWG QAPP and Audit

Hi Brittany- just a few minor edits to the QAPP from APTIM.

Thanks,

Michael

From: Meiners, Greg [Ex. 4 - CBI]
Sent: Wednesday, February 07, 2018 4:34 AM
To: Jahne, Michael <Jahne.Michael@epa.gov>
Cc: radha.krishnan[Ex. 4 - CBI]; Hall, John <Hall.John@epa.gov>
Subject: RE: AWG QAPP and Audit

Hi Michael,

I have reviewed the attached AWG QAPP and made my comments and edits in track changes. It looks good to me, nice job!

APTIM

Greg Meiners

Ex. 4 - CBI

www.aptim.com

From: Jahne, Michael [Jahne.Michael@epa.gov]
Sent: Thursday, February 01, 2018 2:34 PM
To: Meiners, Greg
Cc: Krishnan, Radha; Hall, John
Subject: AWG QAPP and Audit

Hi Greg,

Attached is the "final" QAPP for the AWG study- let me know if you/APTIM have any edits before routing for approval. Also, our QA manager will be here next week and would like to perform a readiness audit of our planned procedures. Would you (or others) be available to meet with her sometime Thursday Feb. 8th between 12:30 and 3:30?

Thanks,

Michael