Message

From: Piplic, Devlin [piplicd@monroe.wednet.edu]
Sent: 3/3/2017 11:06:33 PM
To: Mullin, Michelle [Mullin.Michelle@epa.gov]
CC: Moore, Kendall [moore.kendall@epa.gov]; Amanda Zych [azych@snohd.org]; Kevin Plemel [kplemel@snohd.org]; Jeff Ketchel [jketchel@snohd.org]; John Mannix [mannixj@monroe.wednet.edu]; Ramanauskas, Peter [ramanauskas.peter@epa.gov]; Peachey, Robert [peachey.robert@epa.gov]; Fredrika Smith [smithf@monroe.wednet.edu]; Ryan Mathews [rmathews@efulcrum.net]
Subject: Re: PCB quartly testing for Sky Valley Education Center
Attachments: SKMBT_42317030315500.pdf; Fulcrum-Monroe SD Sky Valley Air & Wipe Tesitng QAPP.pdf

Michelle,

I am sorry about not attaching the documents. I have included the intended documents.

Devlin

On Fri, Mar 3, 2017 at 2:22 PM, Mullin, Michelle <Mullin.Michelle@epa.gov> wrote:

I think this is missing the attachment.

What time will the sample devices be set up? I would like to observe this.

I am still getting the shipping info together.

Thanks,

Michelle Mullin | PCB Coordinator

U.S. Environmental Protection Agency | Region 10

Office of Air and Waste

p: **206.553.1616** | mullin.michelle@epa.gov

From: Piplic, Devlin [mailto:piplicd@monroe.wednet.edu]
Sent: Friday, March 03, 2017 1:26 PM
To: Moore, Kendall <moore.kendall@epa.gov>
Cc: Mullin, Michelle <Mullin.Michelle@epa.gov>; Amanda Zych <azych@snohd.org>; Kevin Plemel <kplemel@snohd.org>; Jeff Ketchel <jketchel@snohd.org>; John Mannix <mannixj@monroe.wednet.edu>; Ramanauskas, Peter <ramanauskas.peter@epa.gov>; Peachey, Robert <peachey.robert@epa.gov>; Fredrika Smith <smithf@monroe.wednet.edu>; Ryan Mathews <rmathews@efulcrum.net>

Subject: Re: PCB quartly testing for Sky Valley Education Center

Kendall and Michelle,

Here is the QA plan you requested. I have a section for Michelle to review and sign as well as myself. I also have that answer to the question you had about the filters:

They use SKC PUFs CAT No. 226-92 and Replacement PUFs P22692. The media used is SKC 75mm replacement PUF , ISO 9001 certified, catalog # P226131.

Where would you like the EPA media to be delivered too?

Devlin

On Thu, Mar 2, 2017 at 11:35 AM, Piplic, Devlin <piplicd@monroe.wednet.edu> wrote:

> Kendall,
>
> Here is the RFP for the work to be completed. The will be performing split sampling with two pumps in each of the seven locations.
>
> I have forwarded your request to Fulcrum. I have also Fulcum to provide a QA plan for the work to be completed on Monday. I will make sure that this information is provided to you.
>
> Devlin

On Wed, Mar 1, 2017 at 11:05 AM, Moore, Kendall <moore.kendall@epa.gov> wrote:

Devlin, please send us a copy of Fulcrum Environmental's QA plan for this project. At a minimum we strongly recommend that the following elements be included:

to comply with TO-10a they should include:

- 1 field blank per 20 samples – PUF cartridge shipped to the field and shipped back to the lab.
- 1 field spike per 20 samples – PUF cartridge spiked at the lab with a known concentration of PCB and then shipped to the field in a sealed container.
- 1 duplicate per 10 samples – should ideally be collected near the same point, at the same time – they obviously would need to use 2 pumps for that.

For the wipe samples the standard QC samples (field blank per shipment, 1 duplicate per 10, 1 MS/MSD pair per 20, collected on adjacent squares of the surface).

In terms of preventing the cross-contamination issue, if they use more than 1 pump they can bring down the likelihood of contamination spreading to so many samples from the pump. We'd need some more info on what sort of pump they're using before recommending any kind of equipment blanks (their QAPP that should have the info).

The inlets of the pump sampling apparatus should be 1-2 m above the ground, as specific in TO-10A. The purpose of that is to prevent dust from the floor from being carried into the pump (possibly what caused the contamination the first time).

From: Piplic, Devlin <piplicd@monroe.wednet.edu>
Sent: Wednesday, March 1, 2017 10:39:23 AM
To: Moore, Kendall
Cc: Mullin, Michelle; Amanda Zych; Kevin Plemel; Jeff Ketchel; John Mannix
Subject: Re: PCB quartly testing for Sky Valley Education Center

Good Morning,

I just wanted to followup our meeting on Monday as well as tough base on the plan for additional testing as previously discussed. I have contacted Fulcrum Environmental Consulting. The will be onsite Monday, March 6th to conduct air and wipe sample testing for a several locations. We would have like to have them out sooner, but the lab has to build the media filters for the testing. We will either get them Friday Afternoon or Monday morning. The testing will include split air samples (7) of the prior locations that were identified as cross contamination, it will also include single air samples of the electrical rooms that had a transformer in the space, we will also include two wipe samples in the spaces with a transformer (one wipe sample will be taken in the space and the other will be taken on the transformer itself). I have included a map outlining the testing locations, types of testing, and number of tests taking place. I have also included pictures of the electrical rooms that had transformers as well as other electrical rooms in those areas.

I will need to know what the EPA would like to do with the 7 air samples for there review. Can the EPA clarify they would like to get those samples for testing?

Please let me know if you have any questions regarding the testing for next Monday.

Devlin

On Tue, Feb 28, 2017 at 6:31 AM, Moore, Kendall <moore.kendall@epa.gov> wrote:

Since a new company will do the re-test, it's better to get their QAPP rather than PBS's

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From: Mullin, Michelle
Sent: Monday, February 27, 2017 5:40 PM
To: Moore, Kendall <moore.kendall@epa.gov>; Piplic, Devlin <piplicd@monroe.wednet.edu>; Amanda Zych <azych@snohd.org>; Kevin Plemel <kplemel@snohd.org>; Jeff Ketchel <jketchel@snohd.org>; John Mannix <mannixj@monroe.wednet.edu>

Subject: RE: PCB quartly testing for Sky Valley Education Center

Hi All-

The Region 10 lab can handle the split sample analysis.

John- do you have a QAPP for your air sample collection that you can get from PBS?

Michelle Mullin | PCB Coordinator

U.S. Environmental Protection Agency | Region 10

Office of Air and Waste

p: **206.553.1616** | mullin.michelle@epa.gov

From: Moore, Kendall
Sent: Monday, February 27, 2017 2:01 PM
To: Piplic, Devlin <piplicd@monroe.wednet.edu>; Amanda Zych <azych@snohd.org>; Kevin Plemel <kplemel@snohd.org>; Jeff Ketchel <jketchel@snohd.org>; Mullin, Michelle <Mullin.Michelle@epa.gov>; John Mannix <mannixj@monroe.wednet.edu>
Subject: RE: PCB quartly testing for Sky Valley Education Center

Devlin and John, after the meeting today we discussed the cross-contamination explanation. If PBS can provide sample data from the site sampled prior to SVEC, and those results show high levels of PCBs, we feel that would offer additional validation of that explanation.

From: Piplic, Devlin [mailto:piplicd@monroe.wednet.edu]
Sent: Thursday, February 23, 2017 8:41 AM
To: Amanda Zych <azych@snohd.org>; Kevin Plemel <kplemel@snohd.org>; Jeff Ketchel <jketchel@snohd.org>; Moore, Kendall <moore.kendall@epa.gov>; Mullin, Michelle <Mullin.Michelle@epa.gov>; John Mannix <mannixj@monroe.wednet.edu>
Subject: PCB quartly testing for Sky Valley Education Center

Good Morning,

Here is the monitoring report and test results from the air sample testing completed in December and January at SVEC.

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Devlin Piplic
Director of Facilities
200 East Fremont
Monroe, WA 98272
Office: 360.804.2679

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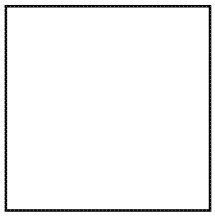

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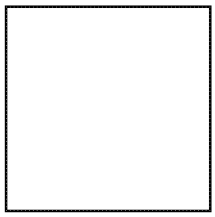

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