Message

From: Ramanauskas, Peter [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6492DDC4240C482B891D9F48B06E17F6-PRAMANAU]
Sent: 3/17/2017 4:20:08 PM
To: Piplic, Devlin [piplicd@monroe.wednet.edu]
CC: Moore, Kendall [moore.kendall@epa.gov]; Michelle Mullin [Mullin.Michelle@epa.gov]
Subject: RE: Fulcrum-Sky Valley Sampling Results (March 6, 2017 Sampling Event)

Hello Devlin,

What is the status of the responses to the questions below from Fulcrum?

Thanks,
Peter

From: Piplic, Devlin [mailto:piplicd@monroe.wednet.edu]
Sent: Wednesday, March 15, 2017 10:52 AM
To: Moore, Kendall <moore.kendall@epa.gov>
Cc: Mannix, John <mannixj@monroe.wednet.edu>; Jeff Ketchel <jketchel@snohd.org>; Mullin, Michelle <Mullin.Michelle@epa.gov>; Ramanauskas, Peter <ramanauskas.peter@epa.gov>; Deka Smith <smithf@monroe.wednet.edu>; Karen Rosencrans <RosencransK@monroe.wednet.edu>; Nancy Bernard <nancy.bernard@doh.wa.gov>; Kevin Plemel <kplemel@snohd.org>; Amanda Zych <azych@snohd.org>
Subject: Re: Fulcrum-Sky Valley Sampling Results (March 6, 2017 Sampling Event)

Kendall,

I will ask Fulcrum to clarify and answer the questions you have inquired about.

Devlin

On Wed, Mar 15, 2017 at 8:08 AM, Moore, Kendall <moore.kendall@epa.gov> wrote:

> John and Devlin, below are some items we need clarified to complete our QA/QC review of the data package you submitted. With regards to scheduling a meeting, I haven't gotten responses from everyone, so I will postpone scheduling the meeting until we get your response to the items below. Hopefully by then I'll know everyone's availability.
>
> 1) Page 13 of the PDF states that matrix interference caused poor surrogate recovery for sample batch 41723. On page 15, batch 41723 data is listed, and surrogate recovery for the batch is within appropriate limits. Please clarify the discrepancy.
>
> 2) Per method TO-10A (link here), there are several field QC samples in section 15.2 of the method that appear to be missing. In addition to the field blank that was submitted, there should also be a field spike sample (15.2.3 – spiked PUF cartridge that is brought to the field but not used, and submitted to the lab; serves a similar purpose to a Matrix Spike sample), and a solvent process blank (15.2.4 - this might be the 'lab blank' they submitted – need clarification on what the 'lab blank' is). There also are no duplicates and

MS/MSD sets for the wipe samples. There should be one of each (1 duplicate and one MS/MSD set). Again, they submitted a 'lab blank' wipe sample along with a 'field blank' wipe sample; the difference between the two needs to be clarified.

From: Moore, Kendall
Sent: Monday, March 13, 2017 12:33 PM
To: Mannix, John; Jeff Ketchel; Mullin, Michelle; Ramanauskas, Peter
Cc: Deka Smith; Devlin Piplic; Karen Rosencrans; Nancy Bernard; Kevin Plemel; Amanda Zych
Subject: RE: Fulcrum-Sky Valley Sampling Results (March 6, 2017 Sampling Event)

All; we should meet to discuss the sample results from the March 6th sampling event. How is Wednesday March 15, morning or afternoon; or Thursday March 16th?

FYI, Pete and Michelle are out of the office today, so I'll wait to hear from them tomorrow before confirming a time. Also, John and Devlin informed me that the results from the CTE room sample that is being collected today may be ready by Thursday.

From: Mannix, John [mailto:mannixj@monroe.wednet.edu]
Sent: Thursday, March 09, 2017 5:26 PM
To: Jeff Ketchel <jketchel@snohd.org>; Mullin, Michelle <Mullin.Michelle@epa.gov>; Moore, Kendall <moore.kendall@epa.gov>
Cc: Deka Smith <smithf@monroe.wednet.edu>; Devlin Piplic <piplicd@monroe.wednet.edu>; Karen Rosencrans <RosencransK@monroe.wednet.edu>; Nancy Bernard <nancy.bernard@doh.wa.gov>; Kevin Plemel <kplemel@snohd.org>; Amanda Zych <azych@snohd.org>
Subject: Fwd: Fulcrum-Sky Valley Sampling Results (March 6, 2017 Sampling Event)

Jeff, Michelle, and Kendall,

Below, and attached, please find results from the PCB air and wipe sampling that Fulcrum Environmental took at Sky Valley Education Center on Monday, March 6th.

All air sampling for PCBs came back as non-detectable. The CTE space testing was not completed given that the PUF tube fell off the air pump and a window to the space was left open early in the testing window, as has previously been reported. Additional test media has been ordered and re-testing of this space is currently scheduled for this coming Monday (March 13).

The two wipe samples with low levels of PCBs were taken in electrical rooms. I.E., spaces where students are not allowed, and where staff other than custodial or maintenance staff would rarely enter. Even though these findings are below the EPA action level we will be conducing appropriate cleaning operations with trained staff to further reduce or eliminate these levels.

As this is the second set of confirmation tests conducted since the testing anomaly that indicates that there are no PCBs in the air in the seven spaces in question, and given that this set of tests was conducted by an entirely different company than the prior set (which also came back negative), we would like to release these spaces for student occupancy and use on Monday morning.

We can certainly await re-testing of the CTE space before releasing it for student occupancy, however, given that we do have confirmation testing conducted previously by PBS Environmental that indicates there really are no PCBs present in the air of that space either, and given what we now consider to be overwhelming evidence that the anomalous positive results were exactly that, an anomaly in the test itself, we wonder whether further delaying release of the CTE space is truly necessary.

We look forward to hearing back from you as soon as possible, and hope that a conference call can be arranged for tomorrow (Friday) morning to discuss these findings and to plan how to move forward.

Respectfully,

John Mannix
Assistant Superintendent, Operations

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200 E. Fremont St. Monroe, WA 98272

---------- Forwarded message ----------
From: **Piplic, Devlin** <piplicd@monroe.wednet.edu>
Date: Thu, Mar 9, 2017 at 2:53 PM
Subject: Fwd: Fulcrum-Sky Valley Sampling Results (March 6, 2017 Sampling Event)
To: John Mannix <mannixj@monroe.wednet.edu>, Fredrika Smith <smithf@monroe.wednet.edu>
Cc: Karen Rosencrans <rosencransk@monroe.wednet.edu>

Good Afternoon,

Here are the test results from Monday. There are no detectable PCB levels in the air in any location tested. There were hits in the wipe samples, but they are below the EPA regulatory levels. These two locations were taken on the floor in the electrical rooms.

Devlin

---------- Forwarded message ----------
From: **Ryan Mathews** <rmathews@efulcrum.net>
Date: Thu, Mar 9, 2017 at 2:42 PM
Subject: Fulcrum-Sky Valley Sampling Results (March 6, 2017 Sampling Event)
To: "Piplic, Devlin" <piplicd@monroe.wednet.edu>
Cc: Peggy Williamson <pwilliamson@efulcrum.net>

Devlin,

Attached please find the laboratory results for the samples collected by Fulcrum on March 6, 2017 and summarized in the table below. Submitted samples included 12 air samples and 10 wipes samples. Of the submitted air samples, two were not analyzed as a result of a cassette broken during collection and an open door to one of the electrical rooms.

Aroclor 1260 were present in samples from the concrete floors in the Large Gym Electrical Room and the CTE Electrical Room. Both wipe samples were reported with total PCB concentrations below the EPA threshold of 10 micrograms (ug) per 100 square centimeters (cm^2). For comparison, the air sample from the Large Gym Electrical Room did not have any detected PCBs present.

Sample	**Location**	**Air/Wipe**	**Result**
030617-01	Room F, Annex Building	Air	*No PCBs Present*
030617-02	Storage in Girls Locker Room	Air	*No PCBs Present*
030617-03	Girls Locker Room	Air	*No PCBs Present*
030617-04	Small Gym	Air	*No PCBs Present*
030617-05	Small Gym Electrical Room	Air	*No PCBs Present*
030617-06	Gathering Room	Air	*No PCBs Present*
030617-07	CTE	Air	HOLD / NOT ANALYZED
030617-08	Large Gym Electrical Room	Air	*No PCBs Present*
030617-09	CTE Electrical Room	Air	SAMPLE DAMAGED / NOT ANALYZED
030617-10	West Pod Mezzanine	Air	*No PCBs Present*
030617-11	Small Gym Electrical Room	Wipe	*No PCBs Present*
030617-12	Small Gym Electrical Room	Wipe	*No PCBs Present*
030617-13	Large Gym Electrical Room	Wipe	*No PCBs Present*
030617-14	Large Gym Electrical Room	Wipe	**Aroclor 1260 at 5.2 ug/100 cm^2**
030617-15	CTE Electrical Room	Wipe	*No PCBs Present*
030617-16	CTE Electrical Room	Wipe	**Aroclor 1260 at 8.5 ug/100 cm^2**
030617-17	West Pod Mezzanine	Wipe	*No PCBs Present*
030617-18	West Pod Mezzanine	Wipe	*No PCBs Present*
030617-19	Field Blank	Wipe	*No PCBs Present*
030617-20	Lab Blank	Wipe	*No PCBs Present*
030617-21	Field Blank	Air	*No PCBs Present*
030617-22	Lab Blank	Air	*No PCBs Present*

As air samples were not collected from the CTE room or the CTE Electrical Room, these rooms should not yet be returned to use by the District. Similarly, at this point I will defer to the previous remediation options developed for the District, but cleaning and sealing of the concrete floors in the electrical rooms may be appropriate.

A complete sampling report will be prepared and delivered to the District by tomorrow afternoon.

I understand that there may be other factors to consider, including comparison of these results to the results of the samples provided to EPA, but based on the results of this sampling event all spaces (except CTE and CTE Electrical Room) can be returned to typical use.

Please contact me if you have any questions.

Thank you,

Ryan

Ryan K. Mathews, CIH, CHMM
Principal

FULCRUM environmental consulting

experience balance commitment

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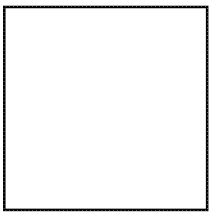

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