Re: Fw: QA question related to KC area/EE/Watkins Mill monitor April 13th 2011

James Regehr to: Leland Grooms

04/17/2012 11:50 AM

From: James Regehr/R7/USEPA/US

To: Leland Grooms/R7/USEPA/US

Lee,

I have reviewed the Watkins Mill data and it appears to meet the QA requirements.

I have included some data and graphs that APDB may want to look at in regards to KDHE's EE request. They have probably already looked at this information, but I thought I would pass it along in case they hadn't. The data includes the daily maximum 8-hour values recorded during the month of April 2011. I then grouped the data together by geographical areas, such as Kansas City, Wichita, Omaha, Des Moines, St. Louis, ... Keep in mind these are just random groupings. Some groupings may be all remote sites throughout a state if they did not fit into a geographical area. The graphs just give you a good perspective of the data that was recorded on or around April 13. The graphs seem to indicate that elevated values were recorded throughout much of the region on April 13. Exceedances were not recorded in other areas but elevated values were. Just thought they might want to take a look.

April 2011 8-Hour Data.pdf

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Leland Grooms---04/16/2012 09:28:42 AM--- FYI ----- Forwarded by Leland Grooms/R7/USEPA/US on 04/16/2012 09:28 AM -----

From: Leland Grooms/R7/USEPA/US
To: James Regehr/R7/USEPA/US@EPA
Date: 04/16/2012 09:28 AM
Subject: Fw: QA question related to KC area/EE/Watkins Mill monitor April 13th 2011

FYI

----- Forwarded by Leland Grooms/R7/USEPA/US on 04/16/2012 09:28 AM -----

QA question related to KC area/EE/Watkins Mill monitor April 13th 2011 :

Start by: Due by: **Fri 04/27/2012**

Leland Grooms

Owner: **Robert Nichols/R7/USEPA/US**
Priority: Medium

Required:	Leland Grooms/R7/USEPA/US@EPA

Description

After reviewing the AQS Report from 2nd Qtr 2011, we would like to see if you could look in to a particular monitor reading for any potential QA issues. Some background, we are expecting an EE request from KS related to ozone data in the April 2011 time frame, and we noticed that the Watkins Mill monitor had an exceedance on April 13th. This is the same date that KS has flagged as one of their EE requests for the Konza Prairie monitor in Manhattan. MO isn't planning on flagging this data. We found it interesting that there were no other KC metro area monitored exceedances on or around this date if the exceedance was due to flint hills.

So, were are just doing an additional inquiry to see if you can see any potential QA issues or reasoning behind this.

Thanks!
-ab