From: ktupper@co.slo.ca.us
To: Flagg, MichaelA
Cc: Vallano, Dena; Williams, Jennifer
Subject: RE: PM10 Design Value for CDF Site
Date: Wednesday, January 22, 2014 4:33:54 PM

Thanks Mike!

Karl A Tupper
Air Quality Specialist, Monitoring
Air Pollution Control District
County of San Luis Obispo
ph: 805.781.5912
email: ktupper@co.slo.ca.us
web: www.slocleanair.org

-----"Flagg, MichaelA" <Flagg.MichaelA@epa.gov> wrote: -----

To: "KTUPPER@CO.SLO.CA.US" <KTUPPER@CO.SLO.CA.US>
From: "Flagg, MichaelA" <Flagg.MichaelA@epa.gov>
Date: 01/22/2014 04:14PM
Cc: "Vallano, Dena" <Vallano.Dena@epa.gov>, "Williams, Jennifer" <Williams.Jennifer@epa.gov>
Subject: RE: PM10 Design Value for CDF Site

I just ran the numbers and the combined design value for the CDF site for 2010-2012 is 2.0, which is violating the NAAQS of 1.0.

Let me know if you have questions.

Michael Flagg

EPA Region 9

Air Quality Analysis Office

P: 415.972.3372

E: Flagg.MichaelA@epa.gov

From: Flagg, MichaelA
Sent: Wednesday, January 22, 2014 3:40 PM
To: KTUPPER@CO.SLO.CA.US
Cc: Vallano, Dena; Williams, Jennifer
Subject: RE: PM10 Design Value for CDF Site

Thanks Karl, that sounds consistent with what we are thinking as well.

I am taking a look at the data now and calculating a combined design value for 2010-2012. I will let you know the final number when I get through the calculation.

Thanks again!

Michael Flagg

EPA Region 9

Air Quality Analysis Office

P: 415.972.3372

E: Flagg.MichaelA@epa.gov

From: ktupper@co.slo.ca.us [mailto:ktupper@co.slo.ca.us]
Sent: Wednesday, January 22, 2014 3:38 PM
To: Flagg, MichaelA
Cc: Vallano, Dena; Williams, Jennifer
Subject: Re: PM10 Design Value for CDF Site

Not exactly, but we are under the impression that if TEOM and BAM data were combined then we'd be in violation of the standard.

In 2010 we ran a TEOM at CDF for the first 6 months of the year and a BAM for the last 3 months, with a 3 month gap in the middle. We recorded 1 federal exceedence that year, so our expected exceedences is somewhere between 1 and 2. Since then we've been running a BAM at CDF, and recorded no exceedences in 2011, 3 in 2012, and something like 2 in 2013. So the estimated exceedences for those years are probably like 0, 3.1, and 2.1 since we don't quite have 100% data completeness. So if the standard is to not to be exceeded more than 3 times in any 3 year period, then our understanding is that we do not attain it for 2010-2012 if BAM and TEOM data are combined.

Karl A Tupper
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ph: 805.781.5912
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web: www.slocleanair.org

-----"Flagg, MichaelA" <Flagg.MichaelA@epa.gov> wrote: -----

To: "KTUPPER@CO.SLO.CA.US" <KTUPPER@CO.SLO.CA.US>
From: "Flagg, MichaelA" <Flagg.MichaelA@epa.gov>
Date: 01/22/2014 03:16PM
Cc: "Vallano, Dena" <Vallano.Dena@epa.gov>, "Williams, Jennifer" <Williams.Jennifer@epa.gov>
Subject: PM10 Design Value for CDF Site

Hi Karl, hope you are doing well.

I have, hopefully, a quick question for you.

Have you calculated an expected exceedance design value for the CDF site that combines both the TEOM and BAM data into a single record?

Let me know.

Thanks!

Michael Flagg

EPA Region 9

Air Quality Analysis Office

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