

Docket Optical System - Fwd: FW: Victorville PM2.5 data

From: John Kessler
To: Docket Optical System
Date: 4/2/2008 1:28 PM
Subject: Fwd: FW: Victorville PM2.5 data
Attachments: PM2.5 data.doc

DOCKET	
07-AFC-1	
DATE	APR 02 2008
RECD.	APR 02 2008

Please docket this email and attachment to Victorville 2 (07-AFC-1).

Thank you,

John

John S. Kessler
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>>> "Head, Sara" <SHead@ensr.aecom.com> 4/1/2008 12:41 PM >>>
 John -

Attached are the PM2.5 data for Victorville. We mainly used the ARB data from the Select 8 database <http://www.arb.ca.gov/adam/welcome.html>. However, that data base did not have 98th percentile data for 2003 or 2005 and no data for 2007, so we pulled those missing data from the EPA AirData link, see below. I have attached a compilation of the data from the ARB and EPA web sites, that shows that there has not been any violations of the 24-hr NAAQS, which is a 3-year average of the 98th percentile value, in the period 2000 - 2007 and the Annual PM2.5 CAAQS was only exceeded in 2002. It is typical to only use the most recent 3 years of data for background values, or 5 at the very most. Therefore, we do not think 2002 is relevant.

By the way, I spoke to Alan DeSalvio earlier today, and he points out that Bullet 8 in the CEC Staff Addendum quotes Rule 213 as the basis for the significance criteria. Alan points out that Rule 213 was rescinded many years ago, and that MDAQMD does not explicitly regulate PM2.5 anywhere in its Rule Book.

Thanks for considering this information.

Sara

From: Stormwind, Brian
Sent: Tuesday, April 01, 2008 12:16 PM
To: Hamel, Richard; Head, Sara
Cc: Heisler, Steve
Subject: RE: Victorville PM2.5 data

Sara, as requested here is a link to the EPA AirData web site.

<http://www.epa.gov/air/data/monvals.html?co=06071-San Bernardino Co, California>

just select the pollutant and year.



Air Resources Board

Monitoring Sites	PM2.5 Annual 98th Percentile						
	2000	2001	2002	2003	2004	2005	2006
San Bernardino County							
Victorville-14306 Park Avenue	23	21	30	*	20	*	19

Note: * There was Insufficient (or no) data available to determine the value.

Monitoring Sites	PM2.5 State Annual Average						
	2000	2001	2002	2003	2004	2005	2006
San Bernardino County							
Victorville-14306 Park Avenue	*	11.5	13		11.8		10.3

Note: * There was insufficient (or no) data available to determine the value.

Victorville PM2.5 Background Data 2002-2007. All values in $\mu\text{g}/\text{m}^3$

Year	Monitor #	24-hour Values							Annual Values	
		#OBS	1st max	2nd max	3rd max	98th pct	3 yr avg. 98th pct	# Violations 24-hr NAAQS	Mean	CAAQS Exceeded
2002	1	114	38	33	30	30 ^b	26	0	13.9	Y
	2	111	38	34	33	34	26 ^a	0	13.8	Y
2003	1	98	28	25	22	25	23	0	11.4	0
	2	53	24	23	19	23	26 ^a	0	10.9	0
2004	1	122	34	33	20	20 ^b	25	0	10.8	0
	2	60	22	19	17	19	25	0	10.4	0
2005	1	99	27	19	17	19	26	0	9.4	0
	2	64	27	20	18	20	21	0	10.1	0
2006	1	57	22	19	19	19	24	0	10.4	0
	2	57	19	18	17	18	19	0	10.3	0
2007	1	60	28	19	18	19	19	0	9.7	0
	2	56	27	20	17	20	19	0	9.7	0

Monitor Location: Site ID 60710306, 14306 Park Ave., Victorville, Ca

- a. 98th percentile values for the 3 year average were 21 $\mu\text{g}/\text{m}^3$ in 2001 and 23 $\mu\text{g}/\text{m}^3$ in 2000 from ARB web site.
- b. From ARB web site, calculated per the Federal Register