



## INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

*We Protect Hoosiers and Our Environment.*

*Michael R. Pence*  
Governor

*Thomas W. Easterly*  
Commissioner

100 North Senate Avenue  
Indianapolis, Indiana 46204  
(317) 232-8603  
Toll Free (800) 451-6027  
[www.idem.IN.gov](http://www.idem.IN.gov)

January 14, 2015

Ms. Susan Hedman  
Regional Administrator  
U.S. Environmental Protection Agency  
Region V  
77 West Jackson Boulevard  
Chicago, IL 60604-3950

Dear Ms. Hedman:

Re: Updated Monitoring Data for the 2012  
National Ambient Air Quality Standard for Fine  
Particulate Matter (PM<sub>2.5</sub>) and Request for  
Reconsideration of Nonattainment Designation  
for Clark and Floyd Counties, Indiana

The Indiana Department of Environmental Management (IDEM) is providing updated monitoring data to the United States Environmental Protection Agency (U.S. EPA) concerning the 2012 National Ambient Air Quality Standard (NAAQS) for fine particulate matter (PM<sub>2.5</sub>). In addition, IDEM is requesting that U.S. EPA reconsider its December 18, 2014, nonattainment designation of Clark and Floyd counties, Indiana.

Since that designation, 2012-2014 monitoring data have become available that supports a reconsideration of the nonattainment designation for both counties. On January 13, 2015, IDEM sent U.S. EPA Region 5 a Certification Report which included 2014 data for the Jeffersonville – Walnut St. monitor (180190006) and requested early certification by U.S. EPA.

As shown in Enclosure 1, as well as summarized in Table 1 below, quality-assured monitoring data demonstrate that the Jeffersonville – Walnut St. monitor has a 2012-2014 design value of 11.8 µg/m<sup>3</sup>. All other monitors within both Clark and Floyd counties measure 2012-2014 design values well below the 2012 standard.

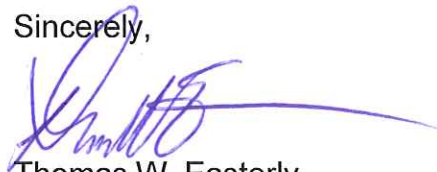
*Table 1: 2012-2014 Clark and Floyd Counties Monitored Values*

County	Monitor ID	Site	Annual Mean ( $\mu\text{g}/\text{m}^3$ )			2012-2014 Design Value ( $\mu\text{g}/\text{m}^3$ )
			2012	2013	2014	
Clark	180190008	Charlestown St. Park	9.5	9.5	9.5	9.5
Clark	180190006	Jeffersonville-Walnut St.	11.9	11.4	11.9	11.8
Floyd	180431004	New Albany	10.4	10.5	10.2	10.4

Therefore, IDEM requests that U.S. EPA reconsider the nonattainment designations for Clark and Floyd counties and designate both counties as attainment. Please note that this request is consistent with how U.S. EPA outlined its intent to reconsider its action if 2014 data are made available prior to the effective date of the action.

I would like to thank you for the opportunity to provide feedback to U.S. EPA regarding designations for the 2012 PM<sub>2.5</sub> NAAQS. We look forward to working with your staff as U.S. EPA moves forward with future designations. If you have any questions regarding IDEM's response, please feel free to contact me at (317) 232-8611 or Keith Baugues, Assistant Commissioner, Office of Air Quality, at (317) 232-8222.

Sincerely,



Thomas W. Easterly  
Commissioner

TE/kb/sd/jrg  
Enclosures

1. AQS Report with Updated Monitoring Data for Particulate Matter (PM<sub>2.5</sub>)

cc: John Summerhays, U.S. EPA  
Doug Aburano, U.S. EPA  
Sean Alteri, KY DAQ  
Keith Baugues, IDEM  
Scott Deloney, IDEM  
Jennifer Geisenhaver, IDEM  
File Copy



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Commissioner

January 13, 2015

Ms. Susan Hedman, Regional Administrator  
US EPA Region 5  
77 W. Jackson Blvd.  
Chicago, IL 60604-3590

Dear Ms. Hedman:

Re: Early 2014 SLAMS Certification Report  
for Jeffersonville PM2.5 data

As Per 40 CFR Part 58.15, and per instructions we received from our Regional contact, we are submitting the Indiana Annual SLAMS Data Report for Jeffersonville PM2.5 (18-019-0006-88101-1). We are requesting this monitor to be certified now and will request our other monitors to be certified at a later date. All documents required to certify the data have already been sent via e-mail to the appropriate parties involved.

No pollutant levels in Indiana during 2014 reached or exceeded levels which would cause significant harm to the health of persons as specified in 40 CFR Part 51.151.

After reviewing all of the documentation, we find that the ambient concentration data and the quality assurance data are completely submitted to AQS. Therefore, I certify that the data in this SLAMS Report are correct and the ambient data are accurate to the best of my knowledge taking into consideration the quality assurance findings.

Please note that we are sending this letter to you based on Part 58.15 and there is no action that you have to take.

Any questions regarding this information can be directed to Steve Lengerich at (317) 308-3264 or Lisa Wagner at (317) 308-3255.

Sincerely

Keith Baugues  
Assistant Commissioner  
Office of Air Quality

Enclosures  
Electronic cc.

Susan Hedman/ EPA Region 5  
Jesse McGrath/ Air and Radiation/ Air Toxics and Assessment Branch  
Steve Lengerich/ Office of Air Quality/ Air Monitoring Section 1  
Jim Parks/ Office of Air Quality/ Air Monitoring Section 2



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

User ID: WLV

## DESIGN VALUE REPORT

Report Request ID: 1284529

Report Code: AMP480

Jan. 8, 2015

## GEOGRAPHIC SELECTIONS

Tribal Code	State	County	Site	Parameter	POC	City	AQCR	UAR	CBSA	CSA	EPA Region
	18	019	0006								
	18	019	0008								
	18	043	1004								

## PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
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## DESIGN VALUE

## SELECTED OPTIONS

Option Type	Option Value
SINGLE EVENT PROCESSING	EXCLUDE REGIONALLY CONCURRED EVENTS
WORKFILE DELIMITER	
USER SITE METADATA	STREET ADDRESS
MERGE PDF FILES	YES
QUARTERLY DATA IN WORKFILE	NO
AGENCY ROLE	PQAO

## DATE CRITERIA

Start Date	End Date
2014	2014

## APPLICABLE STANDARDS

Standard Description
Lead 3-Month 2009
NO2 1-hour
Ozone 8-Hour 2008
PM10 24-hour 2006
PM25 24-hour 2013
PM25 Annual 2013
SO2 1-hour 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
PRELIMINARY DESIGN VALUE REPORT

Report Date: Jan. 8, 2015

Pollutant: Ozone(44201)  
Standard Units: Parts per million(007)  
NAAQS Standard: Ozone 8-Hour 2008  
Statistic: Annual 4th Maximum

Design Value Year: 2014

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

Site ID	Poc	STREET ADDRESS	Level: .075				State: Indiana				2012				3 - Year		
			Valid	Percent	4th	Cert&	Valid	Percent	4th	Cert&	Valid	Percent	4th	Cert&	Percent	Design	D. V.
			Days	Complete	Max	Eval	Days	Complete	Max	Eval	Days	Complete	Max	Eval	Complete	Value	Validity
18-019-0008	1	12500 St. Rd. 62- Charlestown State Park/ Indiana Armory	170	93	.066		181	99	.067	Y	171	93	.085	Y	95	.072	Y
18-043-1004	1	2230 GREEN VALLEY ROAD/GREEN VALLEY ELEMENTARY SCHOOL	179	98	.066		183	100	.068	Y	183	100	.087	Y	99	.073	Y

- Notes: 1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).  
2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.  
3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
PRELIMINARY DESIGN VALUE REPORT

Report Date: Jan. 8, 2015

Pollutant: Site-Level PM<sub>2.5</sub> - Local Conditions (88101)  
Standard Units: Micrograms/cubic meter (LC) (105)  
NAAQS Standard: PM<sub>25</sub> 24-hour 2013 / PM<sub>25</sub> Annual 2013  
Statistic: Annual Weighted Mean Level: 12  
Statistic: Annual 98th Percentile Level: 35

Design Value Year: 2014

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

State Name: Indiana

Site ID / STREET ADDRESS	2014					2013					2012					24-Hour		Annual	
	Cred. Comp.	98th	Wtd.	Cert&		Cred. Comp.	98th	Wtd.	Cert&		Cred. Comp.	98th	Wtd.	Cert&		Design	Valid	Design	Valid
	Days	Qtrrs	Perctil	Mean	Eval	Days	Qtrrs	Perctil	Mean	Eval	Days	Qtrrs	Perctil	Mean	Eval	Value	Ind.	Value	Ind.
18-019-0006	304	3	26.2*	11.9*		351	4	23.1	11.4	Y	328	4	24.1	11.9	Y	24	Y	11.8	N
JEFFERSONVILLE PFAU- 719 WALNUT ST																			
18-019-0008	115	4	22.3	9.5		121	4	22.5	9.5	Y	119	4	20.5	9.5	Y	22	Y	9.5	Y
12500 St. Rd. 62-Charlestown State Park/ Indiana Armory																			
18-043-1004	120	4	23.5	10.2		117	4	21.2	10.5	Y	120	4	19.7	10.4	Y	21	Y	10.4	Y
2230 GREEN VALLEY ROAD/GREEN VALLEY ELEMENTARY SCHOOL																			

- Notes: 1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).  
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
PRELIMINARY DESIGN VALUE REPORT

Report Date: Jan. 8, 2015

Pollutant: PM10 Total 0-10um STP(81102)

Design Value Year: 2014

Standard Units: Micrograms/cubic meter (25 C) (001)

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

NAAQS Standard: PM10 24-hour 2006

Statistic: Annual Estimated Days > Standard Level:150

State Name: Indiana

Site ID	POC	STREET ADDRESS	2014				2013				2012				3 - Year	
			Exceedances	#Comp	Cert&	Eval	Exceedances	#Comp	Cert&	Eval	Exceedances	#Comp	Cert&	Eval	Estimated	Validity
			Estimated	Count	Quarter		Estimated	Count	Quarter		Estimated	Count	Quarter		Exceedances	Ind.
18-019-0006 1		JEFFERSONVILLE PFAU- 719 WALNUT ST	0*	0	3		0	0	4	Y	0	0	4	Y	0	N

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
PRELIMINARY DESIGN VALUE REPORT

Report Date: Jan. 8, 2015

Pollutant: Sulfur dioxide(42401)  
Standard Units: Parts per billion(008)  
NAAQS Standard: SO2 1-hour 2010  
Statistic: Annual 99th Percentile

Level: 75

Design Value Year: 2014

REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.

State Name: Indiana

Site ID	STREET ADDRESS	2014			2013			2012			3-Year	
		Comp.	99th	Cert&	Comp.	99th	Cert&	Comp.	99th	Cert&	Design	Valid
		Qtrrs	Percentile	Eval	Qtrrs	Percentile	Eval	Qtrrs	Percentile	Eval	Value	Ind.
18-043-1004	2230 GREEN VALLEY ROAD/GREE	3	44 *		4	21	Y	4	32	Y	32	N

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
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PRELIMINARY DESIGN VALUE REPORT

Report Date: Jan. 8, 2015

CERTIFICATION EVALUATION AND CONCURRENCE FLAG MEANINGS

FLAG	MEANING
M	The monitoring organization has revised data from this monitor since the most recent certification letter received from the state.
N	The certifying agency has submitted the certification letter and required summary reports, but the certifying agency and/or EPA has determined that issues regarding the quality of the ambient concentration data cannot be resolved due to data completeness, the lack of performed quality assurance checks or the results of uncertainty statistics shown in the AMP255 report or the certification and quality assurance report.
S	The certifying agency has submitted the certification letter and required summary reports. A value of "S" conveys no Regional assessment regarding data quality per se. This flag will remain until the Region provides an "N" or "Y" concurrence flag.
U	Uncertified. The certifying agency did not submit a required certification letter and summary reports for this monitor even though the due date has passed, or the state's certification letter specifically did not apply the certification to this monitor.
X	Certification is not required by 40 CFR 58.15 and no conditions apply to be the basis for assigning another flag value
Y	The certifying agency has submitted a certification letter, and EPA has no unresolved reservations about data quality (after reviewing the letter, the attached summary reports, the amount of quality assurance data submitted to AQS, the quality statistics, and the highest reported concentrations).

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3. Annual Values not meeting completeness criteria are marked with an asterisk (\*).

