

APPENDIX A-2

**Air Quality System (AQS) and Indiana
Department of Environmental Management
(IDEM) Monitor Data Values for the
Southwestern Indiana Area (2000-2010)**

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Monitoring Data for Southwestern Indiana Area					
SITE ID	COUNTY	SITE NAME	YEAR	Annual Average $\mu\text{g}/\text{m}^3$	2008-2010 Average $\mu\text{g}/\text{m}^3$
18-037-0004	Dubois	Jasper-Sport	2008	12.10	N/A
			2009		
			2010		
18-037-0005	Dubois	Jasper-Golf	2008	12.53	N/A
			2009		
			2010		
18-037-2001	Dubois	Jasper-Post Office	2008	12.93	13.0*
			2009	12.49	
			2010	13.65	
18-051-0012	Gibson	Oakland City	2008	11.33	11.5
			2009	11.00	
			2010	12.17	
18-147-0009	Spencer	Dale	2008	12.03	12.3
			2009	11.77	
			2010	12.99	
18-163-0006/20	Vanderburgh	Evansville-Civic Center/Post Office	2008	12.58	12.9
			2009	12.32	
			2010	13.40	
18-163-0012/21	Vanderburgh	Evansville-Mill Road/Buena Vista	2008	12.70	12.6
			2009	12.28	
			2010	12.83	
18-163-0016	Vanderburgh	Evansville-University of Evansville	2008	12.53	12.8
			2009	12.49	
			2010	13.40	

*Incomplete data see Appendix G.

The Jasper Sport and Jasper Golf monitors began operation February 1, 2006 and were discontinued on December 31, 2008.

The Oakland City monitor began operation on January 18, 2008.

The Evansville Civic Center monitor was replaced by the Evansville Post Office monitor in 2009 and data for 2009 as well as the 2008-2010 design value have been combined.

The Evansville Mill Road monitor was replaced by the Evansville Buena Vista monitor in 2009 and data for 2009 as well as the 2008-2010 design value have been combined.

Site ID	County	Site Name	Yearly Annual Means											
			2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	
18-037-0004	Dubois	Jasper-Sport								13.64	14.61	12.10		
18-037-0005	Dubois	Jasper-Golf								13.78	14.92	12.53		
18-037-2001	Dubois	Jasper-Post Office	17.16	16.54	16.34	15.72	14.42	16.92	13.54	14.26	12.93	12.49	13.65	
18-051-0012	Gibson	Oakland City									11.33	11.00	12.17	
18-147-0009	Spencer	Dale	16.32	14.52	14.06	14.63	12.16	16.76	12.78	14.13	12.03	11.77	12.99	
18-163-0006	Vanderburgh	Evansville-Civic Center	16.17	15.45	15.36	14.93	13.23	16.49	13.72	13.91	12.58	11.98		
18-163-0006/20	Vanderburgh	Evansville-Combined Data From Civic Center and Post Office											12.32	
18-163-0020	Vanderburgh	Evansville-Post Office											12.28	13.57
18-163-0012	Vanderburgh	Evansville-Mill Road	16.17	15.15	15.27	15.27	13.46	16.29	14.05	14.23	12.70	12.16		
18-163-0012/21	Vanderburgh	Evansville-Combined Data From Mill Road and Buena Vista											12.28	
18-163-0021	Vanderburgh	Evansville-Buena Vista											12.41	12.83
18-163-0016	Vanderburgh	Evansville-University of Evansville	15.70	16.16	15.24	15.09	13.68	16.67	14.15	14.21	12.53	12.49	13.40	

The Jasper Sport and Jasper Golf monitors began operation February 1, 2006 and were discontinued on December 31, 2008.

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The Evansville Civic Center monitor was replaced by the Evansville Post Office monitor in 2009 and data for 2009 as well as the 2008-2010 design value have been combined.

The Evansville Mill Road monitor was replaced by the Evansville Buena Vista monitor in 2009 and data for 2009 as well as the 2008-2010 design value have been combined.

Site ID	County	Site Name	Three Year Design Values								
			00-02	01-03	02-04	03-05	04-06	05-07	06-08	07-09	08-10
18-037-0004	Dubois	Jasper-Sport					13.6	14.1	13.5		
18-037-0005	Dubois	Jasper-Golf					13.8	14.4	13.7		
18-037-2001	Dubois	Jasper-Post Office	16.7	16.2	15.5	15.7	15.0	14.9	13.6	13.2	13.0
18-051-0012	Gibson	Oakland City							11.3	11.2	11.5
18-147-0009	Spencer	Dale	15.0	14.4	13.6	14.5	13.9	14.6	13.0	12.6	12.3
18-163-0006	Vanderburgh	Evansville-Civic Center	15.7	15.2	14.5	14.9	14.5	14.7	13.4	12.8	
18-163-0006/20	Vanderburgh	Evansville-Combined Data From Civic Center and Post Office								12.9	12.8
18-163-0020	Vanderburgh	Evansville-Post Office								12.3	12.9
18-163-0012	Vanderburgh	Evansville-Mill Road	15.5	15.2	14.7	15.0	14.6	14.9	13.7	13.0	
18-163-0012/21	Vanderburgh	Evansville-Combined Data From Mill Road and Buena Vista								13.1	12.6
18-163-0021	Vanderburgh	Evansville-Buena Vista								12.4	12.6
18-163-0016	Vanderburgh	Evansville-University of Evansville	15.7	15.5	14.7	15.1	14.8	15.0	13.6	13.1	12.8
Value above the annual PM _{2.5} standard.											

Red Text Indicates Incomplete Data

Blue Text Indicates Design Value Based on One Year of Data

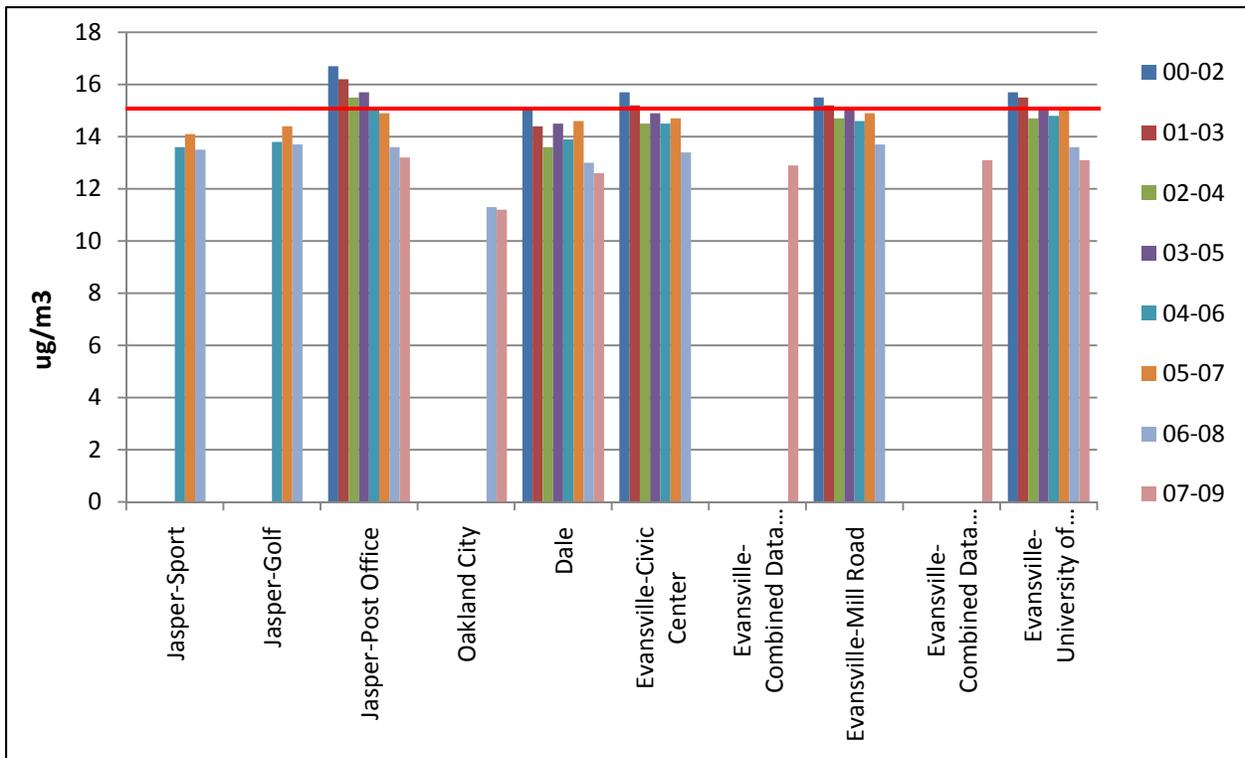
Green Text Indicates Design Value Based on Two Years of Data

The Jasper Sport and Jasper Golf monitors began operation February 1, 2006 and were discontinued on December 31, 2008. The Oakland City monitor began operation on January 18, 2008.

The Evansville Civic Center monitor was replaced by the Evansville Post Office monitor in 2009 and data for 2009 as well as the 2008-2010 design value have been combined.

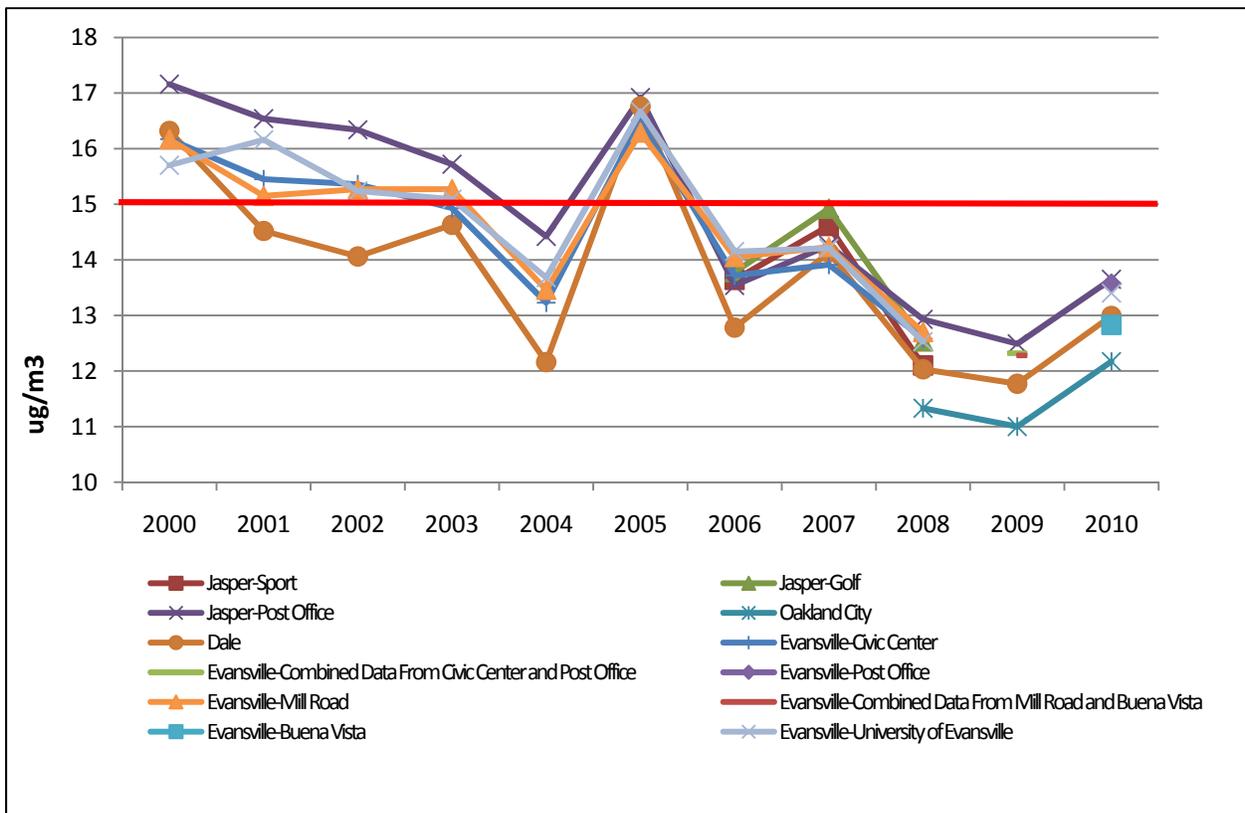
The Evansville Mill Road monitor was replaced by the Evansville Buena Vista monitor in 2009 and data for 2009 as well as the 2008-2010 design value have been combined.

Design Values for the Southwestern Indiana Area for Fine Particles, 2000-2010



Red line represents Annual PM_{2.5} standard of 15 µg/m³

Southwestern Indiana Annual Fine Particles Trends, 2000-2010



Red line represents Annual PM_{2.5} standard of 15 µg/m³