

PROPOSED 2010 WISCONSIN PM2.5 NETWORK

PROPOSED 2010 WISCONSIN PM2.5 MONITORING NETWORK 19 STATION NETWORK

Monitoring Area Population	Site Type	Priority	Monitoring Site(s) (AIRS Site I.D.#s 55-)	Scale of Representation Start Date	Mon. Freq.	Comments
Milwaukee/Waukesha (1.5 million)	CORE Community Oriented FRM Collocated Site – Reduce Freq. of collocated sampler to 1/2 on 01-01-2007 Continuous Speciation (1/3)	High	1. Milwaukee SER-DNR Headquarters 2300 N. Dr. MLK, Jr. Dr. (079-0026)	Urban Primary- 12/31/98 Colo.-01/30/99	1/3	Existing PAMS station, continuous PM2.5 (FDMS, Rev. “A” added in Sept. ’03 – Rev. “B” in spring ’05). PM2.5 speciation monitor (1/3) began operation in Jan. 2001 (URG carbon sampler in fall ’09). Supersite. Midwest Hazcam back on-line at BayView Terrace Condos on 7/01/2008.
	SLAMS FRM	High	Milwaukee Milwaukee Fire District Hdqs. 711 West Wells St. (079-0099)	Neighborhood 02/05/99	1/3	Site to continue operation at least through Marquette Interchange construction. Propose permanent shutdown on January 1, 2010.

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Milwaukee/Waukesha (cont.) (1.5 million)	CORE Community Oriented FRM	High	2. Milwaukee 16th St. Community Health Center - at Int. of 16th St. and Greenfield Ave. (079-0010)	Neighborhood 12/25/98	1/3	This site has been a PM2.5 mon. site since spring 1997 when sampling began with Partisol FRM sampler.
	CORE Community Ave. FRM Continuous	High	Milwaukee 4942 S. 16th Street (F.A.A.) (079-0059)	Neighborhood Primary- 12/31/98 Colo.-July'99	1/6 on 1-01- 2007	Existing NAMS PM10 site. Continuous FDMS - Rev. "B" PM2.5 began on 02/05/04. Relocation in September 2009.
	CORE Community Oriented FRM Continuous	High	3. Milwaukee 1550 West College Ave. (079-_____)	Neighborhood 10/01/2009	1/3	Replacement/relocated PM2.5 site for the previous roadway PM2.5 site at 4942 S. 16th Street (F.A.A.).
	SLAMS Daily Compliance Source-Oriented FRM	Med.	Milwaukee Milwaukee Fire District Station 100 W. Virginia St. (079-0043)	Middle 01/30/99	1/3	Site to continue operation at least through Marquette Interchange construction. Propose permanent shutdown on January 1, 2010.

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Milwaukee/Waukesha (cont.) (1.5 million)	CORE Community Oriented FRM Continuous Speciation(1/6)	High	4. Waukesha Int. of Niagara St. and Cleveland Ave. (133-0027)	Neighborhood Primary- 12/31/98 Colo.-02/11/99	1/3	PM2.5 speciation (1/6) began Jan '02 (URG carbon in fall '09). Continuous FDMS PM2.5 – Rev. “B” added on 03/05/04). Continuous PM10 shutdown 06/01/09.
Kenosha County	SLAMS Interstate Transport FRM Continuous	High	5. Chippewa Prairie Nature Preserve 11838 First Court Town of Pleasant Prairie Kenosha County (059-0019)	Regional 12/25/98	1/3	This site has been a PM2.5 monitoring site since Spring 1997 with Patisol FRM sampler. PM2.5 speciation (1/6) began January 2002 and ended January 2006 due to budget cuts. Began continuous TEOM PM2.5 (in July 2002) and with FDMS Rev. “B” in December 2004.
Ozaukee County/ Harrington Beach	SLAMS Urban Transport FRM Continuous	High	6. Harrington Beach State Park – 531 Hwy “D” (089-0009)	Regional 05/09/03	1/3	Continuous FDMS – Rev. “B” PM2.5 added on 4/29/04.

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Manitowoc/Two Rivers (50,000)	SLAMS Urban Transport FRM Continuous	High	7. Manitowoc Woodland Dunes Preserve 2315 Goodwin Road. (071-0007)	Regional 12/31/98	1/3	Ozone/NOX/NOY site. PM2.5 Spec. Mon. began Jan. '02 and ended in February 2005. Continuous FDMS PM2.5 – Rev. “B” added in 01/04.
Madison (400,000)	CORE Community Oriented FRM	High	8. Madison City Well #6 2757 University Avenue High pop./veh. Traffic/industry (025-0047)	Neighborhood 01/01/99	1/1 on 1- 01- 2007	
Madison (400,000)	SPM Continuous	High	9. Madison East High School Trailer 2199 Pennsylvania Avenue (025-0041)	Neighborhood 06/07/2006		Continuous PM2.5 TEOM with FDMS Rev. “B” began at East H. S. trailer site on June 7, 2006.
Green Bay (195,000)	SLAMS Community Oriented FRM Collocated Site – Freq. of collocated to 1/12 on 01-01-2007 Continuous	High	10. Green Bay East High School 1415 E. Walnut Street (009-0005)	Neighborhood Primary- 12/31/98 Colo. -12/31/98	1/1 on 1- 01- 2007	Existing SLAMS SO2 site. Continuous TEOM PM2.5 with FDMS – Rev. “B” began in December 2004 to measure PM2.5 continuously in Fox Valley/NE Wisconsin area for AIRNOW and AQS data submittals.

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Grant County	SPM Interstate Transport FRM	High	11. Tennyson Potosi High School 128 Hwy 61 (043-0009)	Regional 12/31/98 01/01/01	1/6 1/3	Sequential sampler installed at end of December 2000.
Dodge County	SPM Urban Transport FRM Continuous Collocated Site Speciation (1/3)	Med.	12. Mayville Town of Hubbard N6705 Madison Road (027-0007)	Regional 12/31/98 New Sequential Sampler 07/08/99	1/6 1/3	Cont. PM2.5 TEOM with FDMS Rev. "B" and speciation site (1/3). URG carbon in fall '09. Collocated TEOM continuous PM2.5 with FDMS Rev. "B". Supersite station. <u>Hazecam</u> shutdown on 04/01/09. PM10 TEOM shutdown on 06/01/09.
Outagamie County	CORE Community Oriented FRM	Low	13. Appleton Aid Assoc. for Lutherans 4400 Block of N. Meade Street (087-0009)	Neighborhood 12/31/98	1/3	Existing SLAMS ozone site.

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Sauk County	SLAMS Regional Background FRM Collocated Site – Freq. of collocated to 1/12 on 01-01-2007 Continuous Collocated Site	Med.	14. Baraboo Devil's Lake State Park E. 12886 Tower Road. (111-0007)	Regional 05/09/03	1/3	Continuous PM2.5 sampler installed 11/14/03 with FDMS Rev. "A" (upgraded to Rev. "B" in spring 2005), collocated PM2.5 TEOM with FDMS Rev. "B" installed in October 2004. O3, Met. and HG Dep. NADP MDN site. Supersite.
Vilas County	SPM Background FRM	Low	15. Boulder Junction Trout Lake Forestry Hdqs. County Hwy. M (125-0001)	Regional 12/31/98	1/6	Existing own site. NADP NTN/MDN station.
Taylor County	SPM Regional Background FRM Continuous Speciation (1/6)	Med.	16. <u>Perkinstown</u> County Hwy. M (119-8001)	Regional May 2003	1/3	PM2.5 Speciation site (1/6) est. in Dec. 2001. URG <u>carb</u> in fall '09. Continuous PM2.5 with FDMS Rev. "A" installed on 1/21/03 (upgraded to Rev. "B" in spring 2005). NADP NTN and CASTNET site.

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St. Croix County	SPM Interstate Transport FRM Continuous	High	17. Somerset Highway 64 East of Somerset (109-1002)	Regional 09/16/2004	1/3	FRM and TEOM Continuous PM2.5 with FDMS – Rev. “B” installed in September 2004 to measure PM2.5 transport into western WI continuously for AIRNOW, AQS and to respond to PM2.5 advisories issued for Twin Cities.
La Crosse County	SPM Interstate Transport FRM Continuous	High	18. La Crosse 3550 Monnon Coulee Road (063-0012)	12/09/2005	1/3	Evaluate Impact of Regional Episode PM2.5 concentrations in La Crosse area and determine correlation with Rochester, MN PM2.5 measurements.
Eau Claire County	SPM Community Oriented FRM	High	19. Eau Claire School Administration Bldg. 500 Main Street (135-0100)	03/17/2009	1/6	Cooperative PM2.5 Air Mon. effort with Eau Claire City/County Health Dept.