Appendix A

Annual and Daily $PM_{2.5}$ Monitoring Data

Data Completeness and Quarterly Averages of Fine Particulate Material in Michigan

Guideline on Data Handling Conventions for the PM NAAQS, p 4 "If you're doing an intermediate calculation, such as quarterly average PM10 value from the 24-hour values, keep all digits on your calculator."

updated 3/4/11

shaded cell indicates sampling frequency changed to 1:6

red'n in samplling frequency from 1:6 to 1:12

shaded cell indicates sampling frequency changed to 1:3 from 1:1

sampling frequeny increased to daily - +/- 5% NAAQS or s

				First Quarter				Second Quarter				Third Quarter				Fourth Quarter					3-Yr
AIRSID	Site	POC		Sch #	Obs. #	%	Quart.	*Sch #*	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	**Annual**	**Annual**
260990009	New Haven	1	1999	30	24	80	11.66	30	22	***73***	13.55	31	31	100	13.95	5	27	540	11.45	12.66	
260990009	New Haven	1	2000	31	29	94	**16.26**	30	29	97	12.76	31	30	97	12.43	30	25	83	12.22	13.42	
260990009	New Haven	1	2001	30	28	93	14.75	31	28	90	14.68	30	29	97	13.18	31	30	97	11.78	13.60	13.2
260990009	New Haven	1	2002	30	28	93	11.86	30	28	93	13.37	31	30	97	**15.19**	31	31	100	12.98	13.35	13.5
260990009	New Haven	1	2003	30	29	97	14.47	30	26	87	12.92	31	31	100	13.08	30	28	93	10.92	12.85	13.3
260990009	New Haven	1	2004	31	31	100	11.82	30	30	100	11.49	31	30	97	14.23	30	30	100	10.29	11.96	12.7
260990009	New Haven	1	2005	30	30	100	**15.21**	31	31	100	14.21	30	29	97	**16.14**	31	30	97	11.94	14.38	13.1
260990009	New Haven	1	2006	30	30	100	13.68	15	15	100	9.65	15	12	80	9.50	16	15	94	12.27	11.28	12.5
260990009	New Haven	1	2007	30	29	97	12.37	30	29	97	9.58	31	27	87	13.33	30	29	97	12.46	11.94	12.5
260990009	New Haven	1	2008	31	30	97	13.24	30	27	90	9.10	31	30	97	10.91	30	30	100	9.38	10.66	11.3
260990009	New Haven	1	2009	30	28	93	13.71	31	31	100	6.30	30	30	100	8.09	31	27	87	9.85	9.49	10.7
260990009	New Haven	1	2010	30	30	100	9.35	30	30	100	7.27	31	31	100	10.28	31	31	100	8.79	8.92	9.7
261150005	Luna Pier	1	1999	---	---	---	---	---	---	---	---	---	---	---	---	5	5	100	12.56	12.56	
261150005	Luna Pier	1	2000	31	30	97	**16.92**	30	29	97	14.54	31	29	94	14.33	30	29	97	14.96	**15.19**	
261150005	Luna Pier	1	2001	30	27	90	**16.24**	31	25	81	**16.58**	30	29	97	**15.68**	31	30	97	12.69	**15.30**	14.3
261150005	Luna Pier	1	2002	30	30	100	14.99	30	27	90	**17.77**	31	28	90	**15.96**	31	25	81	**16.30**	**16.26**	**15.6**
261150005	Luna Pier	1	2003	30	28	93	**15.93**	30	27	90	12.84	31	31	100	14.36	30	30	100	12.01	13.79	**15.1**
261150005	Luna Pier	1	2004	31	26	84	13.02	30	30	100	12.61	31	31	100	14.83	30	29	90	11.47	12.98	14.3
261150005	Luna Pier	1	2005	30	28	93	**16.50**	31	27	87	13.40	30	27	90	**19.78**	31	30	97	13.10	**15.70**	14.2
261150005	Luna Pier	1	2006	30	27	90	14.55	30	29	97	10.91	31	30	97	12.98	31	30	97	12.45	12.72	13.8
261150005	Luna Pier	1	2007	30	29	97	12.26	30	26	87	11.41	31	29	94	14.87	30	30	100	13.78	13.08	13.8
261150005	Luna Pier	1	2008	31	31	100	13.25	30	30	100	9.76	31	29	94	12.28	30	27	90	10.16	11.36	12.4
261150005	Luna Pier	1	2009	30	30	100	13.84	31	30	97	8.19	30	28	93	9.75	31	27	87	9.54	10.33	11.6
261150005	Luna Pier	1	2010	30	30	100	10.07	30	29	97	7.76	31	31	100	10.73	31	29	94	8.87	9.36	10.4

				First Quarter				Second Quarter				Third Quarter				Fourth Quarter					3-Yr
AIRSID	Site	POC		Sch #	Obs. #	%	Quart.	*Sch #*	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	**Annual**	**Annual**
261250001	Oak Park	1	1999	30	25	83	13.83	30	18	***60***	14.84	31	25	81	14.64	30	26	87	13.32	14.16	
261250001	Oak Park	1	2000	31	24	77	**18.57**	30	28	93	14.79	31	18	***58***	11.88	30	20	***67***	**16.31**	**15.39**	
261250001	Oak Park	1	2001	30	28	93	**15.58**	31	26	84	**17.30**	30	26	87	14.81	31	16	**52**	12.23	14.98	14.8
261250001	Oak Park	1	2002	30	15	***50***	12.73	30	21	***70***	**17.29**	31	27	87	**16.07**	31	27	87	13.90	**15.00**	**15.1**
261250001	Oak Park	1	2003	30	28	93	**18.39**	30	27	90	13.79	31	30	97	13.66	30	30	100	12.48	14.58	14.9
261250001	Oak Park	1	2004	31	30	97	13.73	30	30	100	11.26	31	30	97	14.78	30	27	90	11.26	12.76	14.1
261250001	Oak Park	1	2005	30	27	90	**17.49**	31	31	100	13.77	30	30	100	**17.61**	31	30	97	12.99	**15.47**	14.3
261250001	Oak Park	1	2006	30	27	90	13.51	15	15	100	10.40	15	14	93	10.76	16	16	100	13.78	12.11	13.4
261250001	Oak Park	1	2007	30	30	100	12.48	30	28	93	12.27	31	30	97	14.68	30	30	100	13.89	13.33	13.6
261250001	Oak Park	1	2008	31	30	97	13.59	30	28	93	8.75	31	30	97	11.31	30	30	100	9.79	10.86	12.1
261250001	Oak Park	1	2009	30	30	100	14.24	31	30	97	7.26	30	27	90	9.14	31	31	100	9.47	10.03	11.4
261250001	Oak Park	1	2010	30	29	97	9.91	30	30	100	7.36	31	30	97	10.74	31	29	94	8.46	9.12	10.0
261470005	Port Huron	1	1999	16	23	144	12.13	30	25	83	13.46	31	28	90	**15.12**	30	27	90	11.94	13.16	
261470005	Port Huron	1	2000	31	21	***68***	**17.04**	30	26	87	14.65	31	29	94	12.83	30	26	87	12.87	14.35	
261470005	Port Huron	1	2001	30	28	93	13.65	31	30	97	**16.26**	30	27	90	14.12	31	27	87	11.81	13.96	13.8
261470005	Port Huron	1	2002	30	29	97	12.13	30	26	87	14.03	31	29	94	**16.28**	31	29	94	12.91	13.84	14.0
261470005	Port Huron	1	2003	30	24	80	**18.73**	30	30	100	13.11	31	29	94	13.05	30	27	90	12.11	14.25	14.0
261470005	Port Huron	1	2004	31	28	90	11.44	30	28	93	12.81	31	27	87	13.18	30	29	97	10.99	12.11	13.4
261470005	Port Huron	1	2005	30	30	100	**16.76**	31	28	90	14.73	30	24	80	**16.47**	31	29	94	12.41	**15.09**	13.8
261470005	Port Huron	1	2006	30	30	100	**15.52**	15	15	100	10.71	15	15	100	9.09	16	16	100	12.86	12.04	13.1
261470005	Port Huron	1	2007	30	29	97	12.64	30	28	93	9.97	31	30	97	14.49	30	29	97	12.64	12.44	13.2
261470005	Port Huron	1	2008	31	30	97	13.66	30	29	97	9.78	31	30	97	11.56	30	29	97	9.31	11.08	11.9
261470005	Port Huron	1	2009	30	27	90	13.99	31	31	100	6.92	30	29	97	8.86	31	30	97	9.19	9.74	11.1
261470005	Port Huron	1	2010	30	28	93	8.53	30	30	100	8.06	31	30	97	10.32	31	31	100	8.86	8.94	9.9
261610008	Ypsilanti	1	1999	---	---	---	---	---	---	---	---	20	18	90	14.72	30	28	93	13.66	14.19	
261610008	Ypsilanti	1	2000	31	13	***42***	**16.82**	30	28	93	12.85	31	31	100	13.21	30	30	100	14.16	14.26	
261610008	Ypsilanti	1	2001	30	28	93	**15.92**	31	30	97	**15.46**	30	29	97	14.15	31	30	97	12.44	14.49	14.3
261610008	Ypsilanti	1	2002	30	29	97	14.71	30	30	100	14.57	31	26	84	**16.43**	31	29	94	13.72	14.86	14.5
261610008	Ypsilanti	1	2003	30	25	83	**16.70**	30	28	93	**15.05**	31	30	97	14.39	30	29	97	12.78	14.73	14.7
261610008	Ypsilanti	1	2004	31	30	97	13.74	30	28	93	11.76	31	31	100	14.17	30	29	97	11.79	12.87	14.2
261610008	Ypsilanti	1	2005	30	29	97	**17.49**	31	27	87	14.27	30	29	97	**17.69**	31	29	94	13.00	**15.61**	14.4
261610008	Ypsilanti	1	2006	30	24	80	14.80	30	29	97	10.67	31	29	94	13.12	31	23	***74***	11.61	12.55	13.7
261610008	Ypsilanti	1	2007	30	27	90	12.95	30	27	90	11.68	31	30	97	13.78	30	30	100	13.51	12.98	13.7
261610008	Ypsilanti	1	2008	31	28	90	13.23	30	30	100	9.07	31	31	100	11.21	30	29	97	10.13	10.91	12.1
261610008	Ypsilanti	1	2009	30	29	97	13.50	31	30	97	7.76	30	28	93	9.27	31	31	100	9.21	9.94	11.3
261610008	Ypsilanti	1	2010	30	29	97	9.97	30	28	93	7.32	31	31	100	10.29	31	30	97	9.36	9.24	10.0

				First Quarter				Second Quarter				Third Quarter				Fourth Quarter					3-Yr
AIRSID	Site	POC		Sch #	Obs. #	%	Quart.	*Sch #*	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	**Annual**	**Annual**
261610008	Ypsilanti	2	2001	15	14	93	**16.19**	16	16	100	13.99	15	12	80	12.18	15	14	93	12.86	13.81	
261610008	Ypsilanti	2	2002	15	13	87	12.35	15	11	***73***	13.34	15	11	***73***	13.17	15	14	93	13.14	13.00	
261610008	Ypsilanti	2	2003	15	14	93	**16.80**	15	14	*93*	13.59	16	16	100	**17.41**	15	14	93	12.69	**15.12**	14.0
261610008	Ypsilanti	2	2004	15	14	93	10.29	15	14	93	9.83	16	16	100	13.21	15	15	100	11.01	11.09	13.1
261610008	Ypsilanti	2	2005	15	15	100	**18.79**	15	15	100	**15.01**	15	13	87	**21.35**	16	16	100	11.65	**16.70**	14.3
261610008	Ypsilanti	2	2006	15	12	80	**17.93**	16	13	81	10.52	16	14	88	**11.64**	16	16	100	14.01	13.53	13.8
261610008	Ypsilanti	2	2007	7	6	86	**17.67**	8	6	75	9.47	7	7	100	14.90	8	6	75	**15.17**	14.30	14.8
261610008	Ypsilanti	2	2008	8	13	163	**15.17**	7	7	100	9.70	8	7	88	**18.16**	7	7	100	8.91	12.99	13.6
261610008	Ypsilanti	2	2009	15	14	93	12.97	16	16	100	9.04	15	14	93	8.02	15	14	93	9.17	9.80	12.4
261610008	Ypsilanti	2	2010	15	13	87	8.32	15	15	100	8.11	16	16	100	10.25	15	15	100	10.93	9.40	10.7
261630001	Allen Park	1	1999	---	---	---	---	17	48	282	**18.99**	92	78	85	**16.63**	92	83	90	14.37	**16.66**	
261630001	Allen Park	1	2000	91	81	89	**16.99**	91	86	95	13.69	92	87	95	14.46	92	85	92	**17.08**	**15.56**	
261630001	Allen Park	1	2001	90	76	84	**20.05**	91	80	88	**16.68**	92	86	93	**17.46**	92	55	***60***	14.79	**17.25**	**16.5**
261630001	Allen Park	1	2002	90	78	87	**15.32**	91	72	79	**16.15**	92	66	***72***	**17.33**	92	87	95	**15.02**	**15.96**	**16.3**
261630001	Allen Park	1	2003	90	79	88	**17.37**	91	86	95	**15.25**	92	80	*87*	**15.11**	90	80	89	13.17	**15.23**	**16.1**
261630001	Allen Park	1	2004	91	74	81	**15.41**	91	85	93	12.22	92	89	97	**16.18**	92	83	90	13.14	14.24	**15.1**
261630001	Allen Park	1	2005	90	88	98	**18.45**	91	86	95	13.77	92	89	97	**17.15**	92	86	93	14.38	**15.94**	**15.1**
261630001	Allen Park	1	2006	90	81	90	13.70	91	83	91	11.59	92	87	95	13.76	92	90	98	13.65	13.18	14.5
261630001	Allen Park	1	2007	90	86	96	12.92	91	88	97	10.28	92	86	93	13.74	92	92	100	14.08	12.76	14.0
261630001	Allen Park	1	2008	91	88	97	13.86	91	90	99	10.18	92	86	93	12.98	92	87	95	10.30	11.83	12.6
261630001	Allen Park	1	2009	90	84	93	13.87	91	89	98	8.94	92	79	86	11.32	92	86	93	10.11	11.06	11.9
261630001	Allen Park	1	2010	90	80	89	11.19	91	87	96	8.83	92	84	91	11.83	92	83	90	9.05	10.23	11.0
261630001	Allen Park	2	1999	---	---	---	---	9	6	***67***	**26.08**	15	13	87	**18.22**	15	12	80	14.54	**19.62**	
261630001	Allen Park	2	2000	16	13	81	**16.82**	15	12	80	13.32	15	14	93	**15.29**	15	15	100	**18.57**	**16.00**	
261630001	Allen Park	2	2001	15	14	93	**18.62**	16	15	94	**15.82**	15	15	100	**16.22**	15	13	87	14.22	**16.22**	**17.3**
261630001	Allen Park	2	2002	15	6	***40***	13.10	15	9	***60***	11.80	15	7	***47***	**16.19**	15	15	100	14.63	13.93	**15.4**
261630001	Allen Park	2	2003	15	10	67	**21.21**	15	15	100	**16.63**	16	15	94	**18.77**	15	15	100	13.45	**17.52**	**15.9**
261630001	Allen Park	2	2004	15	15	100	12.03	15	14	93	10.63	16	15	94	13.68	15	14	93	12.96	12.33	**14.6**
261630001	Allen Park	2	2005	15	14	93	**19.61**	15	15	100	**16.22**	15	15	100	**22.47**	16	15	94	12.35	**17.66**	**15.8**
261630001	Allen Park	2	2006	15	13	87	**17.32**	15	13	87	11.35	15	13	87	12.00	16	15	94	14.77	13.86	14.6
261630001	Allen Park	2	2007	7	5	***71***	**18.04**	8	6	75	8.62	7	6	86	**17.47**	8	6	75	**18.47**	**15.65**	**15.7**
261630001	Allen Park	2	2008	8	8	100	14.28	7	7	100	11.31	8	5	***63***	**21.02**	7	7	100	9.06	13.92	14.5
261630001	Allen Park	2	2009	15	15	100	14.55	16	15	94	10.11	15	15	100	9.43	15	11	***73***	11.20	11.32	13.6
261630001	Allen Park	2	2010	monitor moved to Dearborn																	

				First Quarter				Second Quarter				Third Quarter				Fourth Quarter					3-Yr
AIRSID	Site	POC		Sch #	Obs. #	%	Quart.	*Sch #*	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	**Annual**	**Annual**
261630015	SW HS	1	1999	12	8	***67***	**18.69**	30	27	90	**16.54**	31	25	81	**18.54**	30	25	83	**16.53**	**17.57**	
261630015	SW HS	1	2000	31	30	97	**20.34**	30	28	93	**17.04**	31	31	100	**16.29**	30	30	100	**18.71**	**18.10**	
261630015	SW HS	1	2001	30	29	97	**19.33**	31	28	90	**20.05**	30	30	100	**17.67**	31	27	87	**16.07**	**18.28**	**18.0**
261630015	SW HS	1	2002	30	27	90	**16.80**	30	27	90	**17.42**	31	25	81	**18.27**	31	29	94	**17.20**	**17.42**	**17.9**
261630015	SW HS	1	2003	30	26	87	**17.41**	30	27	90	**15.39**	31	30	97	**16.68**	30	27	90	**17.26**	**16.69**	**17.5**
261630015	SW HS	1	2004	31	31	100	14.95	30	27	90	**15.01**	31	29	94	**17.69**	30	28	93	13.90	**15.39**	**16.5**
261630015	SW HS	1	2005	30	27	90	**20.20**	31	27	87	14.73	30	30	100	**18.73**	31	30	97	**15.18**	**17.21**	**16.4**
261630015	SW HS	1	2006	30	29	97	**16.98**	30	26	87	12.26	31	28	90	14.93	31	31	100	14.56	14.68	**15.8**
261630015	SW HS	1	2007	30	28	93	**15.15**	30	30	100	13.06	31	27	87	15.12	30	29	97	14.82	14.54	**15.5**
261630015	SW HS	1	2008	31	31	100	**16.07**	30	30	100	11.00	31	32	103	12.03	30	29	97	12.29	12.85	14.0
261630015	SW HS	1	2009	30	30	100	**15.40**	31	28	90	8.18	30	29	97	10.35	31	29	94	10.53	11.12	12.8
261630015	SW HS	1	2010	30	30	100	11.35	30	30	100	8.98	31	30	97	11.85	31	30	97	10.51	10.67	11.5
261630016	Linwood	1	1999	---	---	---	---	17	28	165	**19.30**	92	79	86	**15.76**	92	82	89	**16.17**	**17.08**	
261630016	Linwood	1	2000	91	83	91	**17.67**	91	74	81	13.82	92	78	85	13.52	92	90	98	**16.94**	**15.49**	
261630016	Linwood	1	2001	90	81	90	**17.19**	91	84	92	**15.66**	92	83	90	**16.57**	92	79	86	13.47	**15.72**	**16.1**
261630016	Linwood	1	2002	90	73	81	**15.04**	91	82	90	**15.61**	92	75	82	**16.78**	92	88	96	14.95	**15.60**	**15.6**
261630016	Linwood	1	2003	90	84	93	**18.36**	91	85	93	**15.33**	92	86	93	14.94	92	71	77	14.78	**15.85**	**15.7**
261630016	Linwood	1	2004	91	76	84	14.87	91	80	88	12.10	92	82	89	14.78	92	86	93	13.00	13.69	**15.0**
261630016	Linwood	1	2005	90	87	97	**18.92**	91	79	87	14.78	92	84	91	**16.62**	92	88	96	13.70	**16.01**	**15.2**
261630016	Linwood	1	2006	90	79	88	13.04	15	14	93	11.58	15	13	87	12.58	16	17	106	14.97	13.04	14.2
261630016	Linwood	1	2007	30	26	87	13.98	30	26	87	12.12	31	30	97	14.74	30	29	97	14.61	13.86	14.3
261630016	Linwood	1	2008	31	29	94	14.59	30	30	100	9.58	31	29	94	12.61	30	30	100	10.96	11.94	12.9
261630016	Linwood	1	2009	30	27	90	14.27	31	27	87	8.22	30	26	87	9.23	31	31	100	9.70	10.36	12.1
261630016	Linwood	1	2010	30	26	87	10.42	30	28	93	8.55	31	31	100	11.34	31	30	97	9.10	9.85	10.7
261630019	E 7 Mile	1	2000	---	---	---	---	21	17	81	13.93	31	24	77	13.74	30	29	97	**15.87**	14.51	
261630019	E 7 Mile	1	2001	30	26	87	14.58	31	29	94	14.88	30	30	100	14.76	31	30	97	13.79	14.50	
261630019	E 7 Mile	1	2002	30	26	87	14.39	30	28	93	**15.83**	31	28	90	**17.86**	31	30	97	14.48	**15.64**	14.9
261630019	E 7 Mile	1	2003	30	26	87	**17.05**	30	30	100	14.80	31	30	97	13.98	30	29	97	13.01	14.71	**15.0**
261630019	E 7 Mile	1	2004	31	31	100	13.23	30	29	97	12.47	31	30	97	**15.44**	30	29	97	11.76	13.23	14.5
261630019	E 7 Mile	1	2005	30	28	93	**19.82**	31	31	100	14.48	30	29	97	**17.43**	31	29	94	14.20	**16.48**	14.8
261630019	E 7 Mile	1	2006	30	30	100	**15.20**	15	15	100	10.39	15	14	93	11.78	16	16	100	13.46	12.71	14.1
261630019	E 7 Mile	1	2007	30	30	100	13.20	30	28	93	11.16	31	31	100	14.36	30	27	90	13.31	13.01	14.1
261630019	E 7 Mile	1	2008	31	30	97	13.60	30	30	100	9.51	31	26	84	11.42	30	30	100	10.79	11.33	12.3
261630019	E 7 Mile	1	2009	30	30	100	14.73	31	31	100	7.61	30	26	87	9.88	31	28	90	9.95	10.54	11.6
261630019	E 7 Mile	1	2010	30	30	100	10.27	30	23	77	8.68	31	26	84	11.18	31	29	94	9.44	9.89	10.6

				First Quarter				Second Quarter				Third Quarter				Fourth Quarter					3-Yr
AIRSID	Site	POC		Sch #	Obs. #	%	Quart.	*Sch #*	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	**Annual**	**Annual**
261630025	Livonia	1	1999	---	---	---	---	---	---	---	---	15	15	100	**15.21**	30	19	***63***	10.93	13.07	
261630025	Livonia	1	2000	31	30	97	**16.53**	30	28	93	14.08	31	30	97	13.28	30	25	83	14.46	14.59	
261630025	Livonia	1	2001	30	27	90	**15.39**	31	30	97	**15.67**	30	29	97	**15.14**	31	29	94	12.18	14.60	14.1
261630025	Livonia	1	2002	30	18	***60***	13.33	30	28	93	14.26	31	29	94	**16.47**	31	28	90	13.43	14.37	14.5
261630025	Livonia	1	2003	30	26	87	**15.96**	30	28	100	**15.36**	31	31	100	13.89	30	27	90	11.59	14.20	14.4
261630025	Livonia	1	2004	31	29	94	12.72	30	25	83	11.98	31	28	90	14.13	30	30	100	11.45	12.57	13.7
261630025	Livonia	1	2005	30	26	87	**17.86**	31	28	90	11.74	30	30	100	**17.45**	31	30	97	12.68	14.93	13.9
261630025	Livonia	1	2006	30	27	90	13.49	15	14	93	11.23	15	15	100	10.01	16	17	106	12.70	11.86	13.1
261630025	Livonia	1	2007	30	26	87	12.23	30	30	100	10.59	31	31	100	13.76	30	27	90	14.42	12.75	13.2
261630025	Livonia	1	2008	31	27	87	13.56	30	29	97	9.50	31	31	100	11.21	30	30	100	9.77	11.01	11.9
261630025	Livonia	1	2009	30	29	97	13.93	31	31	100	7.40	30	28	93	9.19	31	28	90	9.01	9.88	11.2
261630025	Livonia	1	2010	30	28	93	9.37	30	29	97	6.65	31	27	87	10.98	31	30	97	9.40	9.10	10.0
261630033	Dearborn	1	1999	19	8	***42***	13.98	30	26	87	**16.75**	31	28	90	**18.31**	30	29	97	**18.24**	**16.82**	
261630033	Dearborn	1	2000	31	29	94	**22.76**	30	23	77	**20.13**	31	27	87	**17.56**	30	29	97	**20.06**	**20.13**	
261630033	Dearborn	1	2001	30	29	97	**20.95**	31	29	94	**18.58**	30	28	93	**18.27**	31	29	94	**20.63**	**19.61**	**18.9**
261630033	Dearborn	1	2002	30	29	97	**20.99**	30	28	93	**18.15**	31	29	94	**20.22**	31	30	97	**20.00**	**19.84**	**19.9**
261630033	Dearborn	1	2003	30	28	93	**22.59**	30	27	90	**19.03**	31	27	87	**17.83**	30	28	93	**17.34**	**19.20**	**19.5**
261630033	Dearborn	1	2004	31	29	94	**17.71**	30	25	83	**16.10**	31	25	81	**17.46**	30	28	93	**16.06**	**16.83**	**18.6**
261630033	Dearborn	1	2005	30	28	93	**21.50**	31	31	100	**16.57**	30	28	93	**18.22**	31	28	90	**17.90**	**18.55**	**18.2**
261630033	Dearborn	1	2006	30	28	93	**18.79**	30	29	97	12.85	31	27	87	**15.56**	31	31	100	**17.30**	**16.13**	**17.2**
261630033	Dearborn	1	2007	30	29	97	**18.84**	30	29	97	**15.20**	31	29	94	**16.02**	30	27	90	**17.49**	**16.89**	**17.2**
261630033	Dearborn	1	2008	31	31	100	**16.59**	30	28	93	11.18	31	30	97	13.51	30	30	100	12.06	13.34	**15.4**
261630033	Dearborn	1	2009	30	29	97	**17.29**	31	31	100	8.42	30	27	90	10.42	31	31	100	12.13	12.07	14.1
261630033	Dearborn	1	2010	30	27	90	11.70	30	30	100	9.39	31	30	97	12.32	31	31	100	11.90	11.33	12.2
261630033	Dearborn	2	2010	15	14	93	13.18	15	15	100	10.05	16	15	94	12.30	15	15	100	13.70	12.31	
261630036	Wyandotte	1	1999	14	7	***50***	**17.06**	30	17	***57***	14.55	31	26	84	**18.85**	30	21	***70***	14.67	**16.28**	
261630036	Wyandotte	1	2000	31	16	***52***	**19.30**	30	28	93	**16.52**	31	29	94	**15.64**	30	30	100	**19.07**	**17.63**	
261630036	Wyandotte	1	2001	30	30	100	**21.49**	31	30	97	**17.53**	30	29	97	**18.53**	31	24	77	**15.26**	**18.20**	**17.4**
261630036	Wyandotte	1	2002	30	24	80	**15.40**	30	28	93	**15.98**	31	28	90	**16.51**	31	25	81	**17.24**	**16.28**	**17.4**
261630036	Wyandotte	1	2003	30	24	80	**15.07**	30	24	80	**20.37**	31	28	90	**16.37**	30	29	97	13.45	**16.32**	**16.9**
261630036	Wyandotte	1	2004	31	27	87	14.48	30	29	97	12.74	31	29	94	**15.91**	30	28	93	11.52	13.66	**15.4**
261630036	Wyandotte	1	2005	30	29	97	**16.96**	31	28	90	14.93	30	29	97	**18.58**	31	27	87	**15.19**	**16.42**	**15.5**
261630036	Wyandotte	1	2006	30	29	97	**15.10**	30	26	87	10.95	31	29	94	13.69	31	29	94	11.94	12.92	14.3
261630036	Wyandotte	1	2007	30	29	97	13.75	30	28	93	11.96	31	30	97	14.60	30	29	97	13.47	13.45	14.3
261630036	Wyandotte	1	2008	31	31	100	12.55	30	29	97	9.47	31	30	97	11.95	30	30	100	9.78	10.94	12.4
261630036	Wyandotte	1	2009	30	28	93	14.21	31	30	97	7.86	30	28	93	9.89	31	25	81	9.47	10.36	11.6
261630036	Wyandotte	1	2010	30	23	77	9.44	30	29	97	7.84	31	29	94	11.30	31	31	100	8.84	9.36	10.2

				First Quarter				Second Quarter				Third Quarter				Fourth Quarter					3-Yr
AIRSID	Site	POC		Sch #	Obs. #	%	Quart.	*Sch #*	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	**Annual**	**Annual**
261630038	New berry	1	2004	---	---	---	---	---	---	---	---	---	---	---	---	2	2	100	**29.70**		
261630038	New berry	1	2005	30	28	93	**16.98**	31	25	81	14.60	30	22	***73***	**17.66**	*vandalism*				**16.41**	
261630038	New berry	1	2006	*vandalism*				30	29	97	11.09	31	27	87	14.34	31	28	90	11.98	12.47	
261630038	New berry	1	2007	30	27	90	13.63	30	27	90	12.85	31	28	90	**15.35**	30	30	100	14.23	14.02	14.3
261630038	New berry	1	2008	31	29	94	13.95	30	30	100	10.15	31	28	90	12.16	30	28	93	10.99	11.81	12.8
261630038	New berry	1	2009	30	25	83	13.24	31	29	94	7.89	30	27	90	9.43	31	29	94	10.12	10.17	12.0
261630038	New berry	1	2010	30	27	90	9.39	30	30	100	8.73	31	31	100	11.92	31	30	97	10.12	10.04	10.7
261630039	FIA\Lafayette St	1	2005									---	7	---	**18.20**	31	28	90	14.25		
261630039	FIA\Lafayette St	1	2006	30	29	97	14.78	30	30	100	11.71	31	31	100	14.20	31	30	97	11.84	13.13	
261630039	FIA\Lafayette St	1	2007	30	29	97	13.83	30	30	100	12.98	31	30	97	14.65	30	28	93	13.86	13.83	13.5
261630039	FIA\Lafayette St	1	2008	31	30	97	14.26	30	28	93	10.70	31	29	94	12.80	30	29	97	11.14	12.23	13.1
261630039	FIA\Lafayette St	1	2009	30	29	97	14.67	31	31	100	7.89	30	30	100	9.44	92	84	91	10.78	10.70	12.3
261630039	FIA\Lafayette St	1	2010	90	83	92	10.69	91	89	98	8.65	92	76	83	11.22	92	84	91	9.62	10.05	11.0

A 3-year annual average of 15.1 ug/m3 would violate the NAAQS according to the data handling conventions in 40 CFR part 50

98th Percentile $PM_{2.5}$ Values Averaged over 3 Years

updated 3/1/11

AIRS ID	Site	POC	Current Sampling Freq	1999 98th % ile	2000 98th % ile	2001 98th % ile	2002 98th % ile	2003 98th % ile	2004 98th % ile	2005 98th % ile	2006 98th % ile	2007 98th % ile	2008 98th % ile	2009 98th % ile	2010 98th % ile	99-01 Avg	00-02 Avg	01-03 Avg	02-04 Avg	03-05 Avg	04-06 Avg	05-07 Avg	06-08 Avg	07-09 Avg	08-10 Avg	09-11 Avg
260990009	New Haven	1	1 in 3	31.9	33.2	42.0	35.6	31.8	31.9	41.5	34.4	29.0	28.9	26.2	25.5	36	37	36	33	35	36	35	31	28	27	26
261150005	Luna Pier	1	1 in 3	18.1	37.2	39.2	42.7	34.7	35.0	49.3	32.6	32.2	28.6	23.6	26.3	32	40	39	37	40	39	38	31	28	26	25
261250001	Oak Park	1	1 in 3	42.8	40.7	39.4	38.4	36.6	32.5	52.2	33.0	35.3	30.4	30.1	27.1	41	40	38	36	40	39	40	33	32	29	29
261470005	Port Huron	1	1 in 3	44.5	33.1	40.5	35.3	37.2	32.2	47.6	37.9	36.3	31.0	29.9	25.8	39	36	38	35	39	39	41	35	32	29	28
261470005	Port Huron	2	---	---	---	35.9	37.7	38.0	---	---	---	---				36	37	37	---	---	---	---	---	---	---	---
261610008	Ypsilanti	1	1 in 3	40.6	30.3	39.7	30.9	38.8	31.5	52.1	31.3	34.5	28.2	28.2	23.3	37	34	36	34	41	38	39	31	30	27	26
261610008	Ypsilanti	2	1 in 6	---	---	39.0	32.6	32.5	31.2	54.6	33.0	30.6	31.3	29.4	22.4	39	36	35	32	39	40	39	32	30	28	26
261630001	Allen Park	1	1 in 1	43.7	38.6	44.2	39.6	40.5	36.9	43.0	32.8	31.0	30.3	29.2	27.8	42	41	41	39	40	38	36	31	30	29	29
261630001	Allen Park	2	1 in 6	44.1	34.6	40.1	30.9	39.2	33.8	58.0	34.2	36.2	32.3	32.4	---	40	35	37	35	44	42	43	34	34	---	---
261630015	SW High Sch.	1	1 in 3	50.2	44.5	42.9	38.2	33.6	36.0	49.7	36.2	34.0	34.3	30.9	26.6	46	42	38	36	40	41	40	35	33	31	29
261630016	Linwood	1	1 in 6	44.5	40.3	40.9	42.7	46.2	38.3	51.8	36.9	34.3	30.0	31.0	27.9	42	41	43	42	45	42	41	34	32	30	29
261630019	E 7 Mile	1	1 in 6	---	42.0	42.0	34.4	37.1	35.0	52.3	36.2	31.9	31.9	29.2	28.6	42	39	38	36	41	41	40	33	31	30	29
261630025	Livonia	1	1 in 6	38.4	35.9	44.7	32.7	38.1	32.2	40.2	30.4	32.8	28.3	29.3	25.3	40	38	39	34	37	34	34	31	30	28	27
261630033	Dearborn	1	1 in 3	45.1	45.1	43.2	45.7	42.8	39.4	50.2	43.1	36.6	31.7	35.7	28.6	44	45	44	43	44	44	43	37	35	32	32
261630033	Dearborn	2	1 in 6						---	---	---	---	---	---	31.5						---	---	---	---	---	---
261630036	Wyandotte	1	1 in 3	45.0	42.7	46.6	34.1	34.8	32.3	46.7	33.2	28.6	26.3	26.9	24.4	45	41	39	34	38	37	36	29	27	26	26
261630038	Newberry	1	1 in 3	---	---	---	---	---	36.8	57.5	28.6	33.4	31.5	25.9	30.4	---	---	---	---	---	41	40	31	30	29	28
261630039	FIA/Lafayette	1	1 in 3	---	---	---	---	---	---	43.9	32.4	34.8	31.7	31.7	27.7	---	---	---	---	---	38	37	33	33	30	30

A 3-year 24-hour average of 36 ug/m3 would violate the NAAQS according to the data handling conventions in 40 CFR part 50