

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 6/20/2020

shaded cell indicates sampling frequency changed to 1:6

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

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

sampling frequency increased to daily - +/- 5% NAAQS or special study

AIRSID	Site	POC	First Quarter				Second Quarter				Third Quarter				Fourth Quarter				3-Yr	
			Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Annual	Annual
260050003	Holland	1 2010	30	30	100	9.23	30	29	97	6.96	31	31	100	8.98	31	31	100	8.84	8.50	8.9
260050003	Holland	1 2011	30	29	97	10.20	30	26	87	7.33	31	29	94	8.54	30	30	100	7.69	8.44	8.5
260050003	Holland	1 2012	31	31	100	8.91	30	30	100	7.13	31	30	97	8.52	30	30	100	9.50	8.52	8.5
260050003	Holland	1 2013	30	28	93	7.31	31	30	97	7.86	30	30	100	9.31	31	31	100	6.79	7.82	8.3
260050003	Holland	1 2014	30	27	90	11.39	30	29	97	7.79	31	31	100	8.70	31	31	100	6.84	8.68	8.3
260050003	Holland	1 2015	30	30	100	10.02	30	27	90	6.61	31	29	94	8.44	30	30	100	6.42	7.87	8.1
260050003	Holland	1 2016	31	31	100	8.33	30	30	100	6.67	31	31	100	5.94	30	27	90	7.00	6.99	7.8
260050003	Holland	1 2017	30	28	93	8.97	31	31	100	5.62	30	30	100	8.73	31	29	94	6.65	7.49	7.4
260050003	Holland	1 2018	30	31	103	6.84	30	29	97	6.96	31	31	100	9.05	31	30	97	7.58	7.61	7.4
260050003	Holland	1 2019	30	25	83	8.25	30	29	97	5.51	31	30	97	6.53	30	23	77	8.30	7.15	7.4
260050003	Holland	1 2020			#DIV/0!				#DIV/0!				#DIV/0!				#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
260170014	Bay City	1 2010	30	29	97	9.76	30	30	100	5.97	31	31	100	8.59	31	31	100	8.30	8.16	8.4
260170014	Bay City	1 2011	30	28	93	10.32	30	29	97	5.91	31	31	100	7.86	30	30	100	6.58	7.67	8.2
260170014	Bay City	1 2012	31	30	97	8.44	30	28	93	6.64	31	31	100	7.30	31	29	94	8.50	7.72	7.9
260170014	Bay City	1 2013	30	30	100	7.40	31	30	97	7.15	30	30	100	8.32	31	24	77	6.99	7.47	7.6
260170014	Bay City	1 2014	30	28	93	10.16	30	30	100	6.62	31	30	97	8.28	31	31	100	7.61	8.17	7.8
260170014	Bay City	1 2015	30	30	100	9.99	30	29	97	5.93	31	31	100	7.52	30	30	100	7.49	7.73	7.8
260170014	Bay City	1 2016	31	31	100	8.12	30	30	100	6.04	31	30	97	5.88	30	30	100	7.29	6.84	7.6
260170014	Bay City	1 2017	30	30	100	7.99	31	29	94	4.84	30	30	100	7.17	31	31	100	7.01	6.75	7.1
260170014	Bay City	1 2018	30	30	100	7.27	30	30	100	6.00	31	30	97	8.44	31	30	97	6.87	7.15	6.9
260170014	Bay City	1 2019	30	30	100	8.28	30	29	97	4.95	31	31	100	5.83	30	30	100	8.05	6.78	6.9
260170014	Bay City	3 2020	2184	2175	100	5.28														
260490021	Flint	1 1999	30	20	67	10.68	30	24	80	11.87	31	31	100	13.22	30	25	83	11.96	11.93	
260490021	Flint	1 2000	31	29	94	15.29	30	23	77	13.62	31	29	94	11.03	30	30	100	11.85	12.95	
260490021	Flint	1 2001	30	26	87	12.55	31	30	97	14.30	30	27	90	14.94	31	28	90	10.70	13.12	12.7
260490021	Flint	1 2002	30	24	80	11.76	30	26	87	12.34	31	31	100	14.31	31	30	97	11.76	12.54	12.9
260490021	Flint	1 2003	30	28	93	13.30	30	30	100	12.02	31	30	97	12.30	30	30	100	10.64	12.07	12.6
260490021	Flint	1 2004	31	28	90	11.77	30	24	80	9.37	31	31	100	11.55	30	30	100	9.27	10.49	11.7
260490021	Flint	1 2005	30	29	97	13.72	31	30	97	12.70	30	30	100	14.80	31	30	97	10.32	12.89	11.8
260490021	Flint	1 2006	30	29	97	11.87	30	30	100	9.96	31	29	94	11.17	31	31	100	10.69	10.92	11.4
260490021	Flint	1 2007	30	30	100	11.10	30	30	100	9.12	31	31	100	11.98	30	27	90	12.07	11.07	11.6
260490021	Flint	1 2008	31	31	100	12.59	30	19	63	6.66	31	30	97	11.00	30	28	93	8.82	9.77	10.6
260490021	Flint	1 2009	30	29	97	12.46	31	31	100	6.18	30	29	97	7.99	31	29	94	8.28	8.73	9.9
260490021	Flint	1 2010	30	28	93	9.70	30	32	107	7.07	31	31	100	9.77	31	31	100	8.97	8.88	9.1
260490021	Flint	1 2011	30	29	97	10.49	30	29	97	6.71	31	31	100	9.12	30	30	100	7.48	8.45	8.7
260490021	Flint	1 2012	31	29	94	8.56	30	30	100	7.00	31	31	100	8.06	30	30	100	8.30	7.98	8.4
260490021	Flint	1 2013	30	25	83	6.58	31	31	100	7.79	30	30	100	8.86	31	30	97	6.52	7.44	8.0
260490021	Flint	1 2014	30	29	97	10.70	30	30	100	7.19	31	31	100	9.91	31	30	97	7.88	8.92	8.1
260490021	Flint	1 2015	30	28	93	10.42	30	30	100	6.76	31	30	97	8.38	30	30	100	7.04	8.15	8.2
260490021	Flint	1 2016	31	30	97	8.77	30	29	97	6.19	31	30	97	6.27	30	30	100	7.48	7.18	8.1
260490021	Flint	1 2017	30	30	100	8.55	31	31	100	5.22	30	30	100	7.45	31	31	100	7.18	7.10	7.5
260490021	Flint	1 2018	30	29	97	7.44	30	30	100	6.32	31	31	100	8.45	31	31	100	7.11	7.33	7.2
260490021	Flint	1 2019	30	30	100	7.92	30	29	97	5.46	31	31	100	6.20	30	29	97	7.67	6.81	7.1
260490021	Flint	1 2020	15	15	100	6.93														
260490021	Flint	3 2018													92	84	91	8.74	8.74	
260490021	Flint	3 2019	2160	1250	58	9.65	2184	2171	99	7.06	2208	2051	93	7.01	2208	2190	99	6.89		
260490021	Flint	3 2020	2184	2177	100	6.10														
260650012	Lansing	1 2010	30	29	97	9.29	30	30	100	6.63	31	24	77	11.10	31	29	94	8.88	8.98	9.3

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			Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.			
260910007	Tecumseh	1	2008	start date April 1, 2008				30	20	67	8.04	31	31	100	11.23	30	29	97	9.84	7.28	
260910007	Tecumseh	1	2009	30	29	97	13.91	31	29	94	7.23	30	29	97	9.06	31	27	87	8.77	9.74	8.5
260910007	Tecumseh	1	2010	30	28	93	9.92	30	29	97	7.24	31	31	100	9.60	31	29	94	8.90	8.91	8.6
260910007	Tecumseh	1	2011	30	27	90	11.80	30	28	93	8.82	31	30	97	9.76	30	30	100	7.91	9.57	9.4
260910007	Tecumseh	1	2012	31	33	106	9.07	30	28	93	7.73	31	31	100	8.45	30	28	93	10.74	9.00	9.2
260910007	Tecumseh	1	2013	30	28	93	7.40	31	31	100	7.62	30	30	100	9.02	31	31	100	7.67	7.93	8.8
260910007	Tecumseh	1	2014	30	28	93	11.22	30	31	103	7.72	31	29	94	8.54	31	31	100	7.65	8.78	8.6
260910007	Tecumseh	1	2015	30	30	100	11.48	30	29	97	7.58	31	31	100	8.24	30	30	100	6.99	8.57	8.4
260910007	Tecumseh	1	2016	31	31	100	7.79	30	25	83	6.72	31	28	90	6.61	30	29	97	8.72	7.46	8.3
260910007	Tecumseh	1	2017	30	30	100	8.38	31	31	100	5.12	30	29	97	7.90	31	31	100	7.96	7.34	7.8
260910007	Tecumseh	1	2018	30	27	90	7.72	30	30	100	7.33	31	30	97	8.63	31	29	94	8.17	7.96	7.6
260910007	Tecumseh	3	2019	2160	2157	100	9.54	2184	2178	100	7.21	2208	2204	100	7.55	2208	2051	93	9.90	8.55	8.0
260910007	Tecumseh	3	2020	2184	2181	100	8.63							7.60							
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
260990009	New Haven	1	2011	30	29	97	10.31	30	30	100	7.02	31	30	97	9.56	30	30	100	7.55	8.61	9.0
260990009	New Haven	1	2012	31	31	100	8.94	30	30	100	7.81	31	31	100	9.24	30	29	97	8.98	8.74	8.8
260990009	New Haven	1	2013	30	30	100	7.18	31	30	97	8.50	30	30	100	9.48	31	31	100	7.40	8.14	8.5
260990009	New Haven	1	2014	30	30	100	11.90	30	30	100	7.44	31	31	100	9.74	31	31	100	7.53	9.15	8.7
260990009	New Haven	1	2015	30	29	97	12.06	30	28	93	7.82	31	31	100	10.70	30	29	97	8.29	9.72	9.0
260990009	New Haven	1	2016	31	30	97	8.10	30	30	100	6.76	31	31	100	7.14	30	30	100	8.01	7.51	8.8
260990009	New Haven	1	2017	30	30	100	8.88	31	31	100	5.26	30	30	100	8.20	31	30	97	7.28	7.40	8.2
260990009	New Haven	1	2018	30	29	97	7.79	30	30	100	7.06	31	30	97	8.79	31	31	100	7.65	7.82	7.6
260990009	New Haven	1	2019	30	29	97	8.76	30	29	97	5.71	31	31	100	6.82	30	30	100	7.92	7.30	7.5
260990009	New Haven	1	2020	31	30	97	7.41														
261010922	Manistee (tribal)	1	2010	30	30	100	6.24	30	30	100	6.72	31	29	94	7.81	31	29	94	5.67	6.61	6.8
261010922	Manistee (tribal)	1	2011	30	28	93	6.14	30	29	97	5.91	31	28	90	7.52	30	29	97	5.98	6.39	6.4
261010922	Manistee (tribal)	1	2012	31	30	97	7.53	30	27	90	6.27	31	30	97	7.02	30	29	97	7.82	7.16	6.7
261010922	Manistee (tribal)	1	2013	30	27	90	5.05	31	25	81	7.97	30	28	93	7.29	31	29	94	5.49	6.45	6.7
261010922	Manistee (tribal)	1	2014	30	31	103	6.55	30	24	80	5.49	31	29	94	6.77	31	31	100	5.81	6.16	6.6
261010922	Manistee (tribal)	1	2015	30	29	97	7.54	30	30	100	5.19	31	31	100	7.30	30	30	100	5.42	6.36	6.3
261010922	Manistee (tribal)	1	2016	31	26	84	5.64	30	26	87	5.46	31	31	100	5.65	30	32	107	5.24	5.50	6.0
261010922	Manistee (tribal)	1	2017	30	30	100	6.47	31	29	94	4.74	30	30	100	6.75	31	29	94	5.40	5.84	5.9
261010922	Manistee (tribal)	1	2018	30	29	97	5.50	30	27	90	5.42	31	28	90	7.98	31	31	100	5.63	6.13	5.8
261010922	Manistee (tribal)	1	2019	30	28	93	5.71	30	28	93	4.54	31	25	81	5.00	30	17	57	4.48	4.93	5.6
261010922	Manistee (tribal)	1	2020																		
261130001	Houghton Lake	1	2010	30	24	80	5.46	30	28	93	5.56	31	28	90	7.41	31	31	100	5.35	5.94	6.1
261130001	Houghton Lake	1	2011	30	27	90	6.86	30	30	100	5.29	31	29	94	6.43	30	27	90	6.07	6.16	6.0
261130001	Houghton Lake	1	2012	31	31	100	6.13	30	30	100	5.61	31	31	100	6.08	30	27	90	5.86	5.92	6.0
261130001	Houghton Lake	1	2013	30	30	100	4.63	31	31	100	5.85	30	29	97	6.69	31	31	100	4.76	5.48	5.9
261130001	Houghton Lake	1	2014	30	28	93	6.72	30	30	100	5.04	31	31	100	5.83	31	31	100	4.86	5.61	5.7
261130001	Houghton Lake	1	2015	30	28	93	6.32	30	30	100	4.16	31	28	90	6.87	30	28	93	5.01	5.59	5.6
261130001	Houghton Lake	1	2016	31	30	97	5.21	30	29	97	4.51	31	31	100	4.73	30	30	100	5.02	4.87	5.4
261130001	Houghton Lake	1	2017	30	26	87	4.64	31	31	100	3.90	30	30	100	5.88	31	31	100	4.83	4.81	5.1
261130001	Houghton Lake	1	2018	30	30	100	4.80	30	30	100	4.76	31	31	100	6.86	31	31	100	5.25	5.42	5.0
261130001	Houghton Lake	3	2019	2160	2088	97	6.28	2184	2123	97	4.76	2208	2052	93	5.71	2208	1663	75	6.80		
261130001	Houghton Lake	3	2020	2184	2023	93	6.97							5.74							
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

AIRSID	Site	POC	First Quarter				Second Quarter				Third Quarter				Fourth Quarter				Annual	3-Yr Annual	
			Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.			
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
261250001	Oak Park	1	2011	30	29	97	10.34	30	30	100	8.07	31	31	100	10.25	30	28	93	7.90	9.14	9.4
261250001	Oak Park	1	2012	31	31	100	9.69	30	29	97	8.22	31	31	100	9.87	30	30	100	10.27	9.51	9.3
261250001	Oak Park	1	2013	30	29	97	7.60	31	31	100	8.47	30	30	100	9.84	31	30	97	7.58	8.37	9.0
261250001	Oak Park	1	2014	30	29	97	11.14	30	30	100	7.91	31	31	100	9.88	31	30	97	8.39	9.33	9.1
261250001	Oak Park	1	2015	30	30	100	11.33	30	30	100	8.29	31	29	94	10.14	30	29	97	7.72	9.37	9.0
261250001	Oak Park	1	2016	31	31	100	8.40	30	30	100	6.70	31	31	100	7.40	30	30	100	8.89	7.84	8.8
261250001	Oak Park	1	2017	30	27	90	10.30	31	31	100	5.42	30	29	97	8.52	31	28	90	8.22	8.11	8.4
261250001	Oak Park	1	2018	30	25	83	8.47	30	33	110	6.55	31	31	100	10.06	31	30	97	8.00	8.27	8.1
261250001	Oak Park	1	2019	30	30	100	8.88	30	29	97	6.46	31	28	90	7.28	30	29	97	8.35	7.74	8.0
261250001	Oak Park	1	2020	31	30	97	8.10														
261390005	Jenison	1	2018	30	23	77	8.63	30	19	63	7.71	31	28	90	9.04	31	31	100	7.89	8.32	
261390005	Jenison	1	2019	30	29	97	10.76	30	30	100	6.37	31	30	97	7.26	30	27	90	8.80	8.30	
261390005	Jenison	1	2020																		
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
261470005	Port Huron	1	2011	30	30	100	10.80	30	30	100	8.19	31	31	100	9.90	30	30	100	7.67	9.14	12.1
261470005	Port Huron	1	2012	31	30	97	9.76	30	30	100	8.47	31	31	100	9.48	30	30	100	9.77	9.37	9.2
261470005	Port Huron	1	2013	30	30	100	7.61	31	31	100	8.53	30	30	100	9.84	31	31	100	7.78	8.44	9.0
261470005	Port Huron	1	2014	30	30	100	12.39	30	30	100	7.86	31	30	97	9.20	31	30	97	8.12	9.39	9.1
261470005	Port Huron	1	2015	30	31	103	12.13	30	29	97	8.05	31	29	94	9.54	30	29	97	8.29	9.50	9.1
261470005	Port Huron	1	2016	31	31	100	8.98	30	29	97	6.61	31	32	103	6.93	30	30	100	8.54	7.77	8.9
261470005	Port Huron	1	2017	30	30	100	9.77	31	31	100	5.75	30	30	100	8.50	31	31	100	8.03	8.01	8.4
261470005	Port Huron	1	2018	30	28	93	8.36	30	30	100	7.73	31	31	100	8.72	31	30	97	7.54	8.09	8.0
261470005	Port Huron	1	2019	30	28	93	9.84	30	28	93	5.70	31	31	100	6.61	30	30	100	8.40	7.64	7.9
261470005	Port Huron	1	2020	31	31	100	7.85														
261530001	Seney	3	2019	2160	2150	100	4.14	2184	2177	100	4.11	2208	1817	82	5.15	2208	2172	98	3.88		
261530001	Seney	3	2020	2184	365	17	3.70														
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
261610008	Ypsilanti	1	2011	30	28	93	11.71	30	29	97	9.03	31	29	94	9.77	30	30	100	8.46	9.74	9.6
261610008	Ypsilanti	1	2012	31	30	97	9.09	30	26	87	7.71	31	29	94	9.27	30	28	93	10.74	9.20	9.4
261610008	Ypsilanti	1	2013	30	29	97	8.04	31	31	100	8.74	30	30	100	9.94	31	26	84	7.84	8.64	9.2
261610008	Ypsilanti	1	2014	30	30	100	12.46	30	28	93	8.33	31	31	100	10.05	31	31	100	8.31	9.79	9.2
261610008	Ypsilanti	1	2015	30	26	87	12.85	30	30	100	8.11	31	31	100	9.31	30	30	100	8.10	9.59	9.3
261610008	Ypsilanti	1	2016	31	31	100	8.70	30	32	107	7.12	31	31	100	6.95	30	27	90	8.58	7.84	9.1
261610008	Ypsilanti	1	2017	30	30	100	9.99	31	31	100	5.49	30	29	97	8.50	31	31	100	7.91	7.97	8.5
261610008	Ypsilanti	1	2018	30	29	97	8.04	30	30	100	7.55	31	29	94	9.72	31	29	94	8.08	8.35	8.1
261610008	Ypsilanti	1	2019	30	28	93	10.88	30	30	100	6.25	31	31	100	6.76	30	30	100	9.41	8.33	8.2
261610008	Ypsilanti	1	2020	15	15	100	7.61														
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
261610008	Ypsilanti	2	2011	15	14	93	8.78	15	15	100	8.41	16	15	94	9.26	15	15	100	7.72	8.54	9.2
261610008	Ypsilanti	2	2012	15	14	93	11.59	15	15	100	7.91	16	16	100	9.84	15	15	100	10.31	9.91	9.3
261610008	Ypsilanti	2	2013	15	15	100	9.12	15	15	100	9.12	15	14	93	10.87	16	15	94	7.61	9.18	9.2
261610008	Ypsilanti	2	2014	15	13	87	11.70	15	15	100	7.70	15	14	93	10.95	16	16	100	7.11	9.37	9.5
261610008	Ypsilanti	2	2015	15	15	100	10.44	15	15	100	8.65	15	15	100	10.18	15	15	100	7.02	9.07	9.2
261610008	Ypsilanti	2	2016	16	16	100	9.45	15	15	100	7.54	15	15	100	7.31	15	15	100	7.95	8.06	8.8
261610008	Ypsilanti	2	2017	15	15	100	10.49	16	16	100	5.44	15	15	100	8.63	15	15	100	8.73	8.32	8.5
261610008	Ypsilanti	2	2018	15	14	93	8.78	15	14	93	7.53	16	16	100	9.38	15	12	80	9.78	8.87	8.4
261610008	Ypsilanti	2	2019	15	13	87	10.23	15	15	100	5.90	16	15	94	6.58	15	15	100	7.58	7.57	8.3
261610008	Ypsilanti	3	2020	2184	2160	99	8.29							7.63							
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	1	2011	90	85	94	11.14	91	91	100	9.71	92	91	99	11.55	92	85	92	9.49	10.47	10.6
261630001	Allen Park	1	2012	91	85	93	9.25	91	91	100	8.66	92	91	99	10.94	92	92	100	11.42	10.07	10.3
261630001	Allen Park	1	2013	90	86	96	10.08	91	87	96	8.47	92	89	97	10.47	92	86	93	8.90	9.48	10.0

AIRSID	Site	POC	First Quarter				Second Quarter				Third Quarter				Fourth Quarter				3-Yr		
			Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Annual	Annual	
261630001	Allen Park	1	2014	90	80	89	11.31	91	90	99	8.36	92	89	97	11.41	92	82	89	9.40	10.12	9.9
261630001	Allen Park	1	2015	90	74	82	11.70	91	85	93	8.61	92	89	97	10.00	92	86	93	8.31	9.66	9.8
261630001	Allen Park	1	2016	91	88	97	9.01	91	91	100	8.49	92	86	93	8.30	92	91	99	9.05	8.72	9.5
261630001	Allen Park	1	2017	90	87	97	9.13	91	87	96	7.63	92	91	99	8.72	92	91	99	8.40	8.47	8.9
261630001	Allen Park	1	2018	90	88	98	9.20	91	87	96	8.48	92	85	92	10.08	92	91	99	8.66	9.11	8.8
261630001	Allen Park	1	2019	90	85	94	9.63	91	84	92	6.79	31	36	116	8.24	30	29	97	10.09	8.69	8.8
261630001	Allen Park	1	2020	31	31	100	8.24														
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
261630015	SW HS	1	2011	30	30	100	13.10	30	29	97	8.94	31	29	94	11.65	30	30	100	9.89	10.90	10.9
261630015	SW HS	1	2012	31	31	100	11.47	30	30	100	9.51	31	31	100	11.26	30	30	100	12.32	11.14	10.9
261630015	SW HS	1	2013	30	30	100	9.48	31	30	97	9.63	30	30	100	11.26	31	31	100	10.05	10.11	10.7
261630015	SW HS	1	2014	30	27	90	13.41	30	28	93	9.63	31	31	100	11.39	31	30	97	9.54	10.99	10.7
261630015	SW HS	1	2015	30	30	100	13.95	30	29	97	10.08	31	31	100	10.47	30	30	100	10.54	11.26	10.8
261630015	SW HS	1	2016	31	30	97	10.20	30	30	100	10.29	31	31	100	12.53	30	30	100	12.24	11.32	11.2
261630015	SW HS	1	2017	30	30	100	11.49	31	31	100	9.65	30	29	97	11.14	31	30	97	11.75	11.01	11.2
261630015	SW HS	1	2018	30	28	93	10.76	30	30	100	12.18	31	29	94	12.84	31	29	94	11.79	11.89	11.4
261630015	SW HS	1	2019	30	28	93	11.27	30	26	87	10.96	31	31	100	11.42	30	26	87	9.23	10.72	11.2
261630015	SW HS	1	2020	31	31	100	9.10														
261630015	SWHS	3	2019	2160	2035	94	13.07	2184	2150	98	12.12	2208	1970	89	13.28	2208	2190	99	12.14		
261630015	SWHS	3	2020	2184	456	21	8.83														
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
261630019	E 7 Mile	1	2011	30	29	97	11.41	30	28	93	8.22	31	29	94	10.38	30	29	97	7.72	9.43	10.0
261630019	E 7 Mile	1	2012	31	31	100	10.10	30	30	100	8.15	31	30	97	10.90	30	30	100	10.44	9.90	9.7
261630019	E 7 Mile	1	2013	30	30	100	7.86	31	30	97	8.32	30	27	90	10.36	31	30	97	8.28	8.71	9.3
261630019	E 7 Mile	1	2014	30	30	100	11.76	30	30	100	7.82	31	27	87	10.37	31	30	97	8.57	9.63	9.4
261630019	E 7 Mile	1	2015	30	29	97	12.23	30	29	97	8.41	31	29	94	9.79	30	29	97	8.71	9.79	9.4
261630019	E 7 Mile	1	2016	31	31	100	8.76	30	30	100	7.57	31	27	87	7.17	30	30	100	8.94	8.11	9.2
261630019	E 7 Mile	1	2017	29	29	100	9.19	31	31	100	5.41	30	30	100	8.76	31	31	100	8.15	7.88	8.6
261630019	E 7 Mile	1	2018	30	30	100	8.17	30	26	87	7.45	31	30	97	9.99	31	31	100	7.97	8.40	8.1
261630019	E 7 Mile	1	2019	30	29	97	8.78	30	28	93	6.32	31	31	100	7.16	30	27	90	8.17	7.61	8.0
261630019	E 7 Mile	1	2020	31	31	100	8.20														
201630095	Livonia Near Road	1	2015	30	28	93	12.32	30	28	93	7.86	31	30	97	9.87	30	28	93	8.07	9.53	
261630095	Livonia Near Road	1	2016	31	30	97	9.15	30	30	100	8.25	31	31	100	7.65	30	30	100	9.07	8.53	
261630095	Livonia Near Road	1	2017	30	25	83	11.07	31	29	94	5.64	30	30	100	8.81	31	30	97	8.40	8.48	8.8
261630095	Livonia Near Road	1	2018	30	30	100	11.82	30	30	100	7.24	31	31	100	9.50	31	31	100	7.84	9.10	8.7

AIRSID	Site	POC	First Quarter				Second Quarter				Third Quarter				Fourth Quarter				Annual	3-Yr Annual	
			Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.	Sch #	Obs. #	%	Quart.			
261630095	Livonia Near Road	1	2019	30	30	100	9.94	30	29	97	6.78	moving property sold				8.36	8.6				
261630095	Livonia Near Road	1	2020																		
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	1	2011	30	50	167	12.76	30	37	123	9.98	31	30	97	11.37	30	29	97	10.70	11.20	11.5
261630033	Dearborn	1	2012	31	31	100	12.66	30	30	100	10.41	31	28	90	12.02	30	29	97	12.45	11.89	11.5
261630033	Dearborn	1	2013	30	29	97	10.16	31	31	100	10.61	30	30	100	11.44	31	29	94	11.80	11.00	11.4
261630033	Dearborn	1	2014	30	30	100	14.50	30	29	97	9.43	31	30	97	12.81	31	31	100	10.30	11.76	11.5
261630033	Dearborn	1	2015	30	30	100	14.32	30	30	100	10.15	31	29	94	11.15	30	30	100	10.44	11.52	11.4
261630033	Dearborn	1	2016	31	30	97	11.41	30	30	100	9.73	31	31	100	9.61	30	30	100	11.93	10.67	11.3
261630033	Dearborn	1	2017	30	30	100	13.31	31	30	97	7.28	30	30	100	8.26	31	31	100	11.31	10.04	10.7
261630033	Dearborn	1	2018	30	29	97	11.53	30	29	97	9.66	31	30	97	11.67	31	31	100	9.95	10.70	10.5
261630033	Dearborn	1	2019	30	30	100	11.42	30	29	97	8.37	30	25	83	8.82	30	30	100	10.98	9.90	10.2
261630033	Dearborn	1	2020	31	31	100	10.46														
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	
261630033	Dearborn	2	2011	15	15	100	12.37	15	15	100	9.69	16	15	94	11.47	15	15	100	11.39	11.23	
261630033	Dearborn	2	2012	15	15	100	14.61	15	14	93	10.48	16	17	106	11.99	15	15	100	12.13	12.30	11.9
261630033	Dearborn	2	2013	15	15	100	10.60	15	16	107	10.00	15	15	100	13.02	16	16	100	9.58	10.80	11.4
261630033	Dearborn	2	2014	15	15	100	13.96	15	15	100	8.90	15	14	93	14.53	16	16	100	9.16	11.64	11.6
261630033	Dearborn	2	2015	15	15	100	14.68	15	14	93	11.01	15	14	93	12.00	15	15	100	9.27	11.74	11.4
261630033	Dearborn	2	2016	16	16	100	12.05	15	14	93	9.17	15	15	100	9.89	15	15	100	10.95	10.52	11.3
261630033	Dearborn	2	2017	15	15	100	13.31	16	16	100	7.45	15	15	100	8.26	15	15	100	11.58	10.15	10.8
261630033	Dearborn	2	2018	15	15	100	12.79	15	15	100	9.51	16	16	100	11.45	15	15	100	8.76	10.63	10.4
261630033	Dearborn	2	2019	15	14	93	12.35	15	15	100	7.75	16	13	81	7.13	15	14	93	9.09	9.08	10.0
261630033	Dearborn	2	2020	15	14	93	9.39														
261630098	DP4	3	2019	2160	2157	100	11.16	2184	2183	100	9.06	2208	2203	100	9.85	2208	2184	99	11.20	10.32	
261630098	DP5	3	2020	2184	2176	100	9.78														
261630099	Trinity	3	2019	2160	2148	99	12.23	2184	2165	99	10.74	2208	2198	100	10.70	2208	2169	98	11.94	11.40	
261630099	Trinity	3	2020	2184	2165	99	10.37														
261630100	Military Park	3	2019	2160	2156	100	12.37	2184	2178	100	10.28	2208	2205	100	10.09	2208	2192	99	11.45	11.05	
261630100	Military Park	3	2020	2184	1803	83	9.96														

A 3-year annual average of 12.1 ug/m3 would violate the NAAQS according to the data handling conventions in 40 CFR part 50