ERRATA
2007 ANNUAL AIR QUALITY REPORT, APPENDIX C-1
June 8, 2010

An error was found in the 2007 Annual Air Quality Report (AAQR), Appendix C-1. The following tables contain the corrected data and should replace those from the original 2007 AAQR, Appendix C-1. Questions should be directed to Mike Depa for more information (email: depam@michigan.gov; phone: 517-335-6988).

Allen Park
AIRS ID: 261630001
Units: µg/m³

Chemical Name	# Obs	Obs > MDL	MDL	Min Mean	Max Mean	Max1	Max2	Max3
Arsenic (TSP)	59	59	0.000111	0.00185	0.00185	0.00981	0.00604	0.00495
Barium (TSP)	14	14		0.0277	0.0277	0.0425	0.0357	0.0357
Beryllium (TSP)	14	14	0.000104	0.000019	0.000019	3.86E-05	2.83E-05	2.77E-05
Cadmium (TSP)	59	59	0.000109	0.000369	0.000369	0.00116	0.000744	0.000711
Chromium (TSP)	14	14	0.00033	0.00316	0.00316	0.00527	0.00421	0.00372
Cobalt (TSP)	14	14	0.00010	0.000115	0.000115	0.000271	0.00016	0.000153
Copper (TSP)	14	14	0.000535	0.788	0.788	1.64	1.03	0.999
Iron (TSP)	14	14		0.507	0.507	0.892	0.623	0.614
Lead (TSP)	14	14	0.000147	0.0068	0.0068	0.0133	0.013	0.0112
Manganese (TSP)	59	59	0.000227	0.0276	0.0276	0.244	0.0653	0.0456
Molybdenum (TSP)	14	14	0.000139	0.000758	0.000758	0.00145	0.000986	0.0009
Nickel (TSP)	59	59	0.000156	0.00158	0.00158	0.00461	0.00358	0.00327
Vanadium (TSP)	14	14	0.000137	0.00166	0.00166	0.00483	0.00445	0.00403
Zinc (TSP)	14	14		0.0583	0.0583	0.0953	0.0759	0.071

Detroit – East 7 Mile
AIRS ID: 261630019
Units: µg/m³

Chemical Name	# Obs	Obs > MDL	MDL	Min Mean	Max Mean	Max1	Max2	Max3
Arsenic (TSP)	15	15	0.000107	0.000947	0.000947	0.00168	0.00168	0.00145
Barium (TSP)	15	15		0.0215	0.0215	0.0356	0.0349	0.028
Beryllium (TSP)	15	15	0.000105	0.0000211	0.0000211	5.16E-05	4.94E-05	3.35E-05
Cadmium (TSP)	15	15	0.000105	0.000293	0.000293	0.000597	0.000528	0.000463
Chromium (TSP)	15	15	0.000334	0.00243	0.00243	0.00407	0.00393	0.00293
Cobalt (TSP)	15	15	0.0001	0.000128	0.000128	0.000521	0.000196	0.000158
Copper (TSP)	15	15	0.000542	0.087	0.087	0.14	0.135	0.12
Iron (TSP)	15	15		0.473	0.473	1.29	1.11	0.682
Lead (TSP)	15	15	0.000149	0.00653	0.00653	0.0149	0.0112	0.011
Manganese (TSP)	15	15	0.000219	0.0179	0.0179	0.0519	0.0381	0.0246
Molybdenum (TSP)	15	15	0.00014	0.000697	0.000697	0.00155	0.00103	0.000923
Nickel (TSP)	15	15	0.000151	0.00109	0.00109	0.00181	0.00166	0.00147
Vanadium (TSP)	15	15	0.000139	0.00129	0.00129	0.00269	0.00266	0.00254
Zinc (TSP)	15	15		0.313	0.313	3.05	0.563	0.174

Dearborn
AIRS ID: 261630033
Units: µg/m³

Chemical Name	# Obs	Obs > MDL	MDL	Min Mean	Max Mean	Max1	Max2	Max3
2,5-dimethylbenzaldehyde	15	0	0.0139	0	0.0139	0	0	0
Acetaldehyde	15	15	0.00872	1.63	1.63	2.49	2.4	2.16
Acetone	15	15	0.0227	2.82	2.82	4.18	3.42	3.37
Benzaldehyde	15	13	0.00654	0.109	0.111	0.265	0.165	0.161
Crotonaldehyde (trans)	2	0	0.0125	0	0.0125	0	0	
Formaldehyde	16	16	0.0118	2.79	2.79	5.07	4.61	3.99
Hexanaldehyde	15	15	0.00926	0.419	0.419	1.61	1.06	0.803
Isovaleraldehyde	15	5	0.00648	0.0662	0.07	0.698	0.144	0.081
m,p-Tolualdehyde	2	0	0.0391	0	0.0391	0	0	
n-Butyraldehyde	2	2	0.0133	0.616	0.616	0.723	0.51	
o-Tolualdehyde	2	0	0.0329	0	0.0329	0	0	
Propionaldehyde	15	15	0.0092	0.304	0.304	0.527	0.397	0.397
Valeraldehyde	15	14	0.0111	0.198	0.201	0.846	0.345	0.338
Carbon Disulfide	64	54	0.0661	0.611	0.621	27.4	2.61	1.06
1,1,1-Trichloroethane	65	64	0.0917	0.0991	0.103	0.246	0.224	0.175
1,1,2,2-Tetrachloroethane	65	0	0.126	0	0.126	0	0	0
1,1,2-Trichloroethane	65	1	0.105	0.000504	0.104	0.0327	0	0
1,1-Dichloroethane	65	1	0.0695	0.000872	0.0694	0.0567	0	0
1,1-Dichloroethene	65	0	0.0897	0	0.0897	0	0	0
1,2,4-Trichlorobenzene	65	2	0.331	0.0024	0.324	0.134	0.0223	0
1,2,4-Trimethylbenzene	65	64	0.0634	0.436	0.445	2.35	1.28	1.24
1,2-Dibromoethane	65	0	0.12	0	0.12	0	0	0
1,2-Dichlorobenzene	65	1	0.112	0.00139	0.112	0.0902	0	0
1,2-Dichloroethane	65	0	0.0916	0	0.0916	0	0	0
1,2-Dichloropropane	65	0	0.0956	0	0.0956	0	0	0
1,3,5-Trimethylbenzene	65	64	0.0637	0.144	0.152	0.723	0.487	0.403
1,3-Butadiene	65	62	0.046	0.0955	0.1	0.509	0.332	0.279
1,3-Dichlorobenzene	65	0	0.105	0	0.105	0	0	0
1,4-Dichlorobenzene	65	60	0.107	0.116	0.135	0.866	0.673	0.619
2,2,4-Trimethylpentane	1	1	0.14	0.31	0.31	0.31		
2-Chloro-1,3-Butadiene	65	3	0.0548	0.0044	0.057	0.13	0.0833	0.0724
Acetonitrile	65	63	0.0607	0.906	0.907	13.2	7.39	4.45
Acrylonitrile	65	3	0.0622	0.00294	0.0627	0.158	0.0195	0.013
Benzene	65	65	0.0802	1.03	1.03	5.05	2.16	2.04
Bromodichloromethane	65	0	0.132	0	0.132	0	0	0
Bromoform	65	0	0.175	0	0.175	0	0	0
Bromomethane	65	61	0.0999	0.0431	0.0516	0.28	0.0583	0.0583
Carbon Tetrachloride	65	65	0.0982	0.629	0.629	0.83	0.818	0.793
Chlorobenzene	65	62	0.0709	0.24	0.252	0.529	0.414	0.382
Chloroethane	65	61	0.0539	0.0557	0.0617	0.095	0.0924	0.0924
Chloroform	65	64	0.0878	0.878	0.882	2.31	2.18	2.11
Chloromethane	65	65	0.0572	1.21	1.21	1.78	1.7	1.63

Dearborn
AIRS ID: 261630033
Units: µg/m³

Chloromethyl Benzene	65	4	0.0837	0.00143	0.0816	0.0311	0.0259	0.0207
cis-1,2-Dichloroethene	65	1	0.0694	0.0083	0.0767	0.539	0	0
cis-1,3-Dichloropropene	65	0	0.0814	0	0.0814	0	0	0
Dibromochloromethane	65	3	0.144	0.00157	0.14	0.0511	0.0426	0.00852
Dichlorodiflouromethane	65	65	0.0936	2.66	2.66	4.03	3.85	3.59
Ethyl Tert-Butyl Ether	64	0	0.0377	0	0.0377	0	0	0
Ethylbenzene	65	65	0.0644	0.326	0.326	1.72	0.842	0.734
Halocarbon 113	1	1	0.26	0.65	0.65	0.65		
Halocarbon 114	65	64	0.146	0.109	0.111	0.154	0.147	0.147
Hexachloro-1,3-Butadiene	65	0	0.412	0	0.412	0	0	0
m/p -Xylene	65	65	0.11	0.905	0.905	5.73	2.43	2.25
Methyl Ethyl Ketone	65	64	0.13	0.924	0.926	5.37	3.48	3.1
Methyl Isobutyl Ketone	65	62	0.0768	0.21	0.219	1.14	0.504	0.475
Methyl Tert-Butyl Ether	65	0	0.0385	0	0.0385	0	0	0
Methylene Chloride	65	65	0.0629	0.358	0.358	1.1	1.02	0.924
n-Hexane	1	1	0.82	2.5	2.5	2.5		
o-xylene	65	64	0.066	0.318	0.326	2.03	0.929	0.708
Styrene	65	55	0.065	0.0689	0.0848	0.626	0.332	0.136
Tert-Amyl Methyl Ether	64	1	0.0496	0.000131	0.049	0.00836	0	0
Tetrachloroethene	65	62	0.0861	0.286	0.298	1.8	0.949	0.705
Toluene	65	65	0.0784	2	2	15.1	6.26	5.95
trans-1,2-Dichloroethene	65	1	0.069	0.000488	0.0686	0.0317	0	0
trans-1,3-Dichloropropene	65	0	0.0814	0	0.0814	0	0	0
Trichloroethene	65	17	0.104	0.0212	0.0991	0.161	0.14	0.102
Trichloroflouromethane	65	65	0.123	1.55	1.55	2.67	2.39	2.12
Vinyl Chloride	65	7	0.064	0.00208	0.0594	0.0435	0.023	0.0204
Arsenic (PM-10)	105	105	0.000139	0.00186	0.00186	0.00702	0.0061	0.00417
Arsenic (TSP)	112	112	0.000113	0.00209	0.00209	0.00656	0.00635	0.00448
Barium (PM-10)	105	105		0.0192	0.0192	0.194	0.0611	0.0558
Barium (TSP)	112	112		0.0342	0.0342	0.183	0.0969	0.0889
Beryllium (PM-10)	105	105	0.000137	5.86E-05	5.86E-05	0.00028	0.000238	0.000236
Beryllium (TSP)	112	112	0.000112	0.000149	0.000149	0.000805	0.000768	0.000482
Cadmium (PM-10)	105	105	0.000137	0.000532	0.000532	0.00246	0.00238	0.0019
Cadmium (TSP)	112	112	0.000112	0.000603	0.000603	0.00224	0.00224	0.0017
Chromium (PM-10)	105	105	0.000434	0.00465	0.00465	0.00845	0.00765	0.00765
Chromium (TSP)	112	112	0.000355	0.00609	0.00609	0.0132	0.0132	0.0125
Chromium VI (TSP)	68	67	8.48E-06	0.00004	4.01E-05	0.000208	0.00019	0.000133
Cobalt (PM-10)	105	104	0.00013	0.000272	0.000273	0.000749	0.00074	0.000697
Cobalt (TSP)	112	112	0.000106	0.000354	0.000354	0.00143	0.000901	0.000899
Copper (PM-10)	105	105	0.000704	0.0743	0.0743	0.258	0.257	0.249
Copper (TSP)	112	112	0.000575	0.255	0.255	1.4	0.774	0.663
Iron (PM-10)	105	105		1.01	1.01	4.62	4.39	4.3
Iron (TSP)	112	112		2.15	2.15	7.7	7.67	7.44
Lead (PM-10)	105	105	0.000193	0.0167	0.0167	0.134	0.134	0.0675
Lead (TSP)	112	112	0.000158	0.0196	0.0196	0.126	0.116	0.075

Dearborn **AIRS ID: 261630033** **Units: µg/m³**								
Manganese (PM-10)	105	105	0.000284	0.0578	0.0578	0.454	0.274	0.249
Manganese (TSP)	112	112	0.000232	0.138	0.138	0.507	0.468	0.417
Molybdenum (PM-10)	105	105	0.000183	0.00131	0.00131	0.00663	0.00647	0.00613
Molybdenum (TSP)	112	112	0.000149	0.00158	0.00158	0.00726	0.00683	0.00635
Nickel (PM-10)	105	105	0.000197	0.00232	0.00232	0.0104	0.01	0.00999
Nickel (TSP)	112	112	0.000161	0.00335	0.00335	0.018	0.0115	0.0103
Vanadium (PM-10)	105	105	0.00018	0.00286	0.00286	0.0147	0.0145	0.00977
Vanadium (TSP)	112	112	0.000147	0.0046	0.0046	0.0153	0.0148	0.0106
Zinc (PM-10)	105	105		0.201	0.201	2.32	1.89	1.47
Zinc (TSP)	112	112		0.291	0.291	2.34	2.28	2.2

Detroit – North Delray (SWHS)
AIRS ID: 261630015
Units: µg/m³

Chemical Name	# Obs	Obs > MDL	MDL	Min Mean	Max Mean	Max1	Max2	Max3
2,5-dimethylbenzaldehyde	28	0	0.0535	0	0.0535	0	0	0
Acetaldehyde	28	28	0.0236	1.89	1.89	5.06	3.92	2.64
Acetone	28	28	0.0764	3.34	3.34	7.1	7.04	6.35
Benzaldehyde	28	1	0.0219	0.0423	0.0635	1.19	0	0
Crotonaldehyde (trans)	28	1	0.0127	0.014	0.0263	0.393	0	0
Formaldehyde	28	28	0.0255	2.27	2.27	5.38	4.45	3.77
Hexanaldehyde	28	6	0.0419	0.293	0.326	2.49	1.5	1.16
Isovaleraldehyde	28	3	0.0264	0.0734	0.0969	0.814	0.627	0.613
m,p-Tolualdehyde	28	5	0.04	0.348	0.381	4.24	1.79	1.56
n-Butyraldehyde	28	12	0.0137	0.269	0.277	1.25	1.04	0.844
o-Tolualdehyde	28	0	0.0337	0	0.0337	0	0	0
Propionaldehyde	28	21	0.0391	0.398	0.408	1.01	0.862	0.703
Valeraldehyde	28	6	0.04	0.222	0.254	1.62	1.34	1.13
1,1,1-Trichloroethane	30	1	0.236	0.0163	0.244	0.49	0	0
1,1,2,2-Tetrachloroethane	30	0	0.983	0	0.983	0	0	0
1,1,2-Trichloroethane	30	0	0.689	0	0.689	0	0	0
1,1-Dichloroethane	30	0	0.186	0	0.186	0	0	0
1,1-Dichloroethene	30	0	0.128	0	0.128	0	0	0
1,2,4-Trichlorobenzene	30	0	1.36	0	1.36	0	0	0
1,2,4-Trimethylbenzene	30	7	0.562	0.245	0.674	2	1.4	1.3
1,2-Dibromoethane	30	0	1.01	0	1.01	0	0	0
1,2-Dichlorobenzene	30	0	0.771	0	0.771	0	0	0
1,2-Dichloroethane	30	1	0.261	0.137	0.389	4.1	0	0
1,2-Dichloropropane	30	0	0.309	0	0.309	0	0	0
1,3,5-Trimethylbenzene	30	1	0.54	0.0193	0.541	0.58	0	0
1,3-Butadiene	30	6	0.223	0.139	0.316	2.9	0.28	0.27
1,3-Dichlorobenzene	30	0	0.706	0	0.706	0	0	0
1,4-Dichlorobenzene	30	0	0.774	0	0.774	0	0	0
2,2,4-Trimethylpentane	30	28	0.138	0.324	0.333	1.1	0.53	0.5
2-Chloro-1,3-Butadiene	30	0	0.148	0	0.148	0	0	0
Acetonitrile	30	24	0.363	2.79	2.86	39	8.3	7.2
Acrylonitrile	30	1	0.354	0.0833	0.425	2.5	0	0
Benzene	30	30	0.128	1.28	1.28	3.9	3.3	2.2
Bromodichloromethane	30	0	0.61	0	0.61	0	0	0
Bromoform	30	0	1.67	0	1.67	0	0	0
Bromomethane	30	0	0.257	0	0.257	0	0	0
Carbon Tetrachloride	30	30	0.267	0.521	0.521	0.63	0.61	0.6
Chlorobenzene	30	0	0.622	0	0.622	0	0	0
Chloroethane	30	0	0.23	0	0.23	0	0	0
Chloroform	30	19	0.247	2.07	2.16	6.7	4.7	4.7
Chloromethane	30	30	0.128	1.29	1.29	2.4	1.7	1.6
Chloromethyl Benzene	30	0	1.17	0	1.17	0	0	0
cis-1,2-Dichloroethene	30	0	0.193	0	0.193	0	0	0

Detroit – North Delray (SWHS)
AIRS ID: 261630015
Units: µg/m³

Chemical Name	# Obs	Obs > MDL	MDL	Min Mean	Max Mean	Max1	Max2	Max3
cis-1,3-Dichloropropene	30	0	0.47	0	0.47	0	0	0
Dibromochloromethane	30	0	1.3	0	1.3	0	0	0
Dichlorodiflouromethane	30	30	0.399	2.74	2.74	4.5	3.1	3.1
Ethylbenzene	30	10	0.535	0.319	0.674	2.1	1.3	1.1
Halocarbon 113	29	29	0.248	0.679	0.679	0.92	0.85	0.83
Halocarbon 114	30	0	0.158	0	0.158	0	0	0
Hexachloro-1,3-Butadiene	30	0	1.57	0	1.57	0	0	0
m/p -Xylene	30	22	0.621	1.59	1.74	8.7	4.6	3.4
Methyl Ethyl Ketone	30	30	0.228	3.45	3.45	15	12	7.9
Methyl Isobutyl Ketone	30	19	0.403	1.67	1.81	15	7.3	5
Methyl Tert-Butyl Ether	30	0	0.118	0	0.118	0	0	0
Methylene Chloride	30	14	0.686	1.01	1.37	7.9	4.4	3.5
n-Hexane	30	20	0.801	1.62	1.87	9.4	4.4	4.1
o-xylene	30	10	0.528	0.385	0.735	2.9	1.3	1.2
Styrene	30	0	0.555	0	0.555	0	0	0
Tetrachloroethene	30	1	0.637	0.243	0.859	7.3	0	0
Toluene	30	29	0.692	2.18	2.2	6.6	5.1	4.5
trans-1,2-Dichloroethene	30	0	0.225	0	0.225	0	0	0
trans-1,3-Dichloropropene	30	0	0.472	0	0.472	0	0	0
Trichloroethene	30	1	0.338	0.2	0.527	6	0	0
Trichloroflouromethane	30	30	0.118	1.51	1.51	6.3	2.4	2.1
Vinyl Chloride	30	1	0.0823	0.107	0.186	3.2	0	0
Arsenic (TSP)	58	58	0.000111	0.00195	0.00195	0.00479	0.00459	0.0037
Barium (TSP)	13	13		0.0281	0.0281	0.0487	0.0352	0.035
Beryllium (TSP)	13	13	0.000104	0.0000532	0.0000532	0.00013	0.000121	6.52E-05
Cadmium (TSP)	58	58	0.000109	0.000631	0.000631	0.00229	0.00216	0.00181
Chromium (TSP)	13	13	0.000332	0.00543	0.00543	0.0132	0.00941	0.00768
Cobalt (TSP)	13	12	9.93E-05	0.000243	0.00025	0.000807	0.000539	0.000324
Copper (TSP)	13	13	0.000538	0.116	0.116	0.179	0.178	0.171
Iron (TSP)	13	13		2.15	2.15	12.6	3.59	2.37
Lead (TSP)	13	13	0.000148	0.0102	0.0102	0.0231	0.0128	0.0118
Manganese (TSP)	61	61	0.000228	0.0715	0.0715	0.198	0.196	0.145
Molybdenum (TSP)	13	13	0.000139	0.00145	0.00145	0.00287	0.00218	0.00207
Nickel (TSP)	58	57	0.000158	0.00397	0.00397	0.0164	0.00954	0.009
Vanadium (TSP)	13	13	0.000138	0.0027	0.0027	0.00767	0.00503	0.00426
Zinc (TSP)	13	13		0.0998	0.0998	0.165	0.15	0.14

Flint – Whaley Park
AIRS ID: 260490021
Units: µg/m³

Chemical Name	# Obs	Obs > MDL	MDL	Min Mean	Max Mean	Max1	Max2	Max3
Arsenic (TSP)	15	15	0.000106	0.000757	0.000757	0.00175	0.00141	0.00101
Barium (TSP)	15	15		0.0148	0.0148	0.0191	0.0189	0.0187
Beryllium (TSP)	15	15	0.000105	6.61E-06	6.61E-06	1.19E-05	1.14E-05	1.05E-05
Cadmium (TSP)	15	15	0.000105	0.000157	0.000157	0.000243	0.000235	0.000217
Chromium (TSP)	15	15	0.000332	0.00172	0.00172	0.00208	0.00198	0.00194
Cobalt (TSP)	15	15	9.96E-05	0.0000992	0.0000992	0.000182	0.000145	0.000125
Copper (TSP)	15	15	0.000539	0.396	0.396	0.857	0.766	0.592
Iron (TSP)	15	15		0.239	0.239	0.415	0.413	0.312
Lead (TSP)	15	15	0.000148	0.0048	0.0048	0.0133	0.00694	0.00686
Manganese (TSP)	60	60	0.000224	0.0101	0.0101	0.0251	0.0246	0.0239
Molybdenum (TSP)	15	15	0.00014	0.000611	0.000611	0.00108	0.000822	0.000792
Nickel (TSP)	15	15	0.000151	0.0011	0.0011	0.0036	0.00256	0.00129
Vanadium (TSP)	15	15	0.000138	0.00134	0.00134	0.00898	0.00333	0.0024
Zinc (TSP)	15	15		0.0482	0.0482	0.187	0.0956	0.0841

Grand Rapids
AIRS ID: 260810020
Units: µg/m³

Chemical Name	# Obs	Obs > MDL	MDL	Min Mean	Max Mean	Max1	Max2	Max3
2,5-dimethylbenzaldehyde	8	0	0.0466	0	0.0466	0	0	0
Acetaldehyde	8	8	0.0206	1.13	1.13	1.31	1.3	1.17
Acetone	8	8	0.0664	2.83	2.83	4.14	3.93	3.35
Benzaldehyde	8	0	0.019	0	0.019	0	0	0
Crotonaldehyde (trans)	8	0	0.0111	0	0.0111	0	0	0
Formaldehyde	8	8	0.0221	1.58	1.58	2.1	1.96	1.79
Hexanaldehyde	8	0	0.0364	0	0.0364	0	0	0
Isovaleraldehyde	8	0	0.0229	0	0.0229	0	0	0
m,p-Tolualdehyde	8	0	0.0348	0	0.0348	0	0	0
n-Butyraldehyde	8	0	0.0119	0	0.0119	0	0	0
o-Tolualdehyde	8	0	0.0292	0	0.0292	0	0	0
Propionaldehyde	8	0	0.034	0	0.034	0	0	0
Valeraldehyde	8	0	0.0348	0	0.0348	0	0	0
1,1,1-Trichloroethane	7	3	0.24	0.13	0.267	0.34	0.29	0.28
1,1,2,2-Tetrachloroethane	7	0	1	0	1	0	0	0
1,1,2-Trichloroethane	7	0	0.703	0	0.703	0	0	0
1,1-Dichloroethane	7	0	0.19	0	0.19	0	0	0
1,1-Dichloroethene	7	0	0.13	0	0.13	0	0	0
1,2,4-Trichlorobenzene	7	0	1.4	0	1.4	0	0	0
1,2,4-Trimethylbenzene	7	1	0.573	0.101	0.593	0.71	0	0
1,2-Dibromoethane	7	0	1.03	0	1.03	0	0	0
1,2-Dichlorobenzene	7	0	0.783	0	0.783	0	0	0

Grand Rapids
AIRS ID: 260810020
Units: µg/m³

Chemical Name	# Obs	Obs > MDL	MDL	Min Mean	Max Mean	Max1	Max2	Max3
1,2-Dichloroethane	7	0	0.267	0	0.267	0	0	0
1,2-Dichloropropane	7	0	0.313	0	0.313	0	0	0
1,3,5-Trimethylbenzene	7	0	0.55	0	0.55	0	0	0
1,3-Butadiene	7	1	0.229	0.0343	0.23	0.24	0	0
1,3-Dichlorobenzene	7	0	0.72	0	0.72	0	0	0
1,4-Dichlorobenzene	7	0	0.79	0	0.79	0	0	0
2,2,4-Trimethylpentane	7	7	0.14	0.311	0.311	0.65	0.37	0.35
2-Chloro-1,3-Butadiene	7	0	0.15	0	0.15	0	0	0
Acetonitrile	7	4	0.37	0.299	0.457	0.64	0.6	0.46
Acrylonitrile	7	0	0.36	0	0.36	0	0	0
Benzene	7	7	0.13	1.09	1.09	1.9	1.2	1.1
Bromodichloromethane	7	0	0.621	0	0.621	0	0	0
Bromoform	7	0	1.7	0	1.7	0	0	0
Bromomethane	7	0	0.26	0	0.26	0	0	0
Carbon Tetrachloride	7	6	0.273	0.45	0.489	0.62	0.6	0.55
Chlorobenzene	7	0	0.633	0	0.633	0	0	0
Chloroethane	7	0	0.233	0	0.233	0	0	0
Chloroform	7	6	0.25	0.329	0.364	0.75	0.36	0.34
Chloromethane	7	7	0.13	1.17	1.17	1.3	1.2	1.2
Chloromethyl Benzene	7	0	1.2	0	1.2	0	0	0
cis-1,2-Dichloroethene	7	0	0.199	0	0.199	0	0	0
cis-1,3-Dichloropropene	7	0	0.479	0	0.479	0	0	0
Dibromochloromethane	7	0	1.33	0	1.33	0	0	0
Dichlorodiflouromethane	7	7	0.407	2.64	2.64	3.1	2.9	2.7
Ethylbenzene	7	0	0.543	0	0.543	0	0	0
Halocarbon 113	7	7	0.253	0.597	0.597	0.71	0.64	0.63
Halocarbon 114	7	0	0.16	0	0.16	0	0	0
Hexachloro-1,3-Butadiene	7	0	1.6	0	1.6	0	0	0
m/p -Xylene	7	3	0.633	0.444	0.807	1.5	0.84	0.77
Methyl Ethyl Ketone	7	7	0.233	0.844	0.844	1.3	0.93	0.89
Methyl Isobutyl Ketone	7	0	0.41	0	0.41	0	0	0
Methyl Tert-Butyl Ether	7	0	0.12	0	0.12	0	0	0
Methylene Chloride	7	2	0.699	0.277	0.776	1.2	0.74	0
n-Hexane	7	2	0.816	0.614	1.2	3.1	1.2	0
o-xylene	7	1	0.539	0.08	0.541	0.56	0	0
Styrene	7	0	0.563	0	0.563	0	0	0
Tetrachloroethene	7	0	0.649	0	0.649	0	0	0
Toluene	7	7	0.703	2.02	2.02	4.3	2.7	2
trans-1,2-Dichloroethene	7	0	0.23	0	0.23	0	0	0
trans-1,3-Dichloropropene	7	0	0.48	0	0.48	0	0	0
Trichloroethene	7	1	0.343	0.0943	0.389	0.66	0	0
Trichloroflouromethane	7	7	0.12	1.28	1.28	2.5	1.5	1.2
Vinyl Chloride	7	0	0.0829	0	0.0829	0	0	0
Arsenic (TSP)	8	8	0.000117	0.000998	0.000998	0.00278	0.0013	0.00102

Grand Rapids
AIRS ID: 260810020
Units: µg/m³

Chemical Name	# Obs	Obs > MDL	MDL	Min Mean	Max Mean	Max1	Max2	Max3
Barium (TSP)	8	8		0.0194	0.0194	0.0304	0.0219	0.0199
Beryllium (TSP)	8	8	0.000115	8.56E-06	8.56E-06	1.25E-05	1.09E-05	1.08E-05
Cadmium (TSP)	8	8	0.000115	0.000149	0.000149	0.000181	0.000176	0.000175
Chromium (TSP)	8	8	0.000366	0.00267	0.00267	0.00481	0.00279	0.00271
Cobalt (TSP)	8	8	0.00011	0.000101	0.000101	0.00017	0.000128	0.000119
Copper (TSP)	8	8	0.000593	0.228	0.228	0.341	0.328	0.316
Iron (TSP)	8	8		0.284	0.284	0.454	0.448	0.3
Lead (TSP)	8	8	0.000163	0.00413	0.00413	0.00555	0.005	0.00493
Manganese (TSP)	8	8	0.00024	0.00996	0.00996	0.0202	0.0147	0.00963
Molybdenum (TSP)	8	8	0.000154	0.000734	0.000734	0.00107	0.000997	0.000928
Nickel (TSP)	8	8	0.000166	0.00098	0.00098	0.00208	0.00136	0.00114
Vanadium (TSP)	8	8	0.000152	0.000422	0.000422	0.000978	0.000601	0.000416
Zinc (TSP)	8	8		0.044	0.044	0.0748	0.0507	0.0446

Houghton Lake
AIRS ID: 261130001
Units: µg/m³

Chemical Name	# Obs	Obs > MDL	MDL	Min Mean	Max Mean	Max1	Max2	Max3
2,5-dimethylbenzaldehyde	7	0	0.051	0	0.051	0	0	0
Acetaldehyde	7	7	0.0226	0.764	0.764	1.27	0.842	0.809
Acetone	7	7	0.0728	2.34	2.34	4.84	2.9	2.02
Benzaldehyde	7	0	0.0209	0	0.0209	0	0	0
Crotonaldehyde (trans)	7	0	0.0121	0	0.0121	0	0	0
Formaldehyde	7	7	0.0243	1.05	1.05	2.11	1.12	1.11
Hexanaldehyde	7	0	0.04	0	0.04	0	0	0
Isovaleraldehyde	7	0	0.0251	0	0.0251	0	0	0
m,p-Tolualdehyde	7	0	0.0382	0	0.0382	0	0	0
n-Butyraldehyde	7	0	0.0131	0	0.0131	0	0	0
o-Tolualdehyde	7	0	0.0321	0	0.0321	0	0	0
Propionaldehyde	7	0	0.0373	0	0.0373	0	0	0
Valeraldehyde	7	0	0.0382	0	0.0382	0	0	0
1,1,1-Trichloroethane	12	0	0.24	0	0.24	0	0	0
1,1,2,2-Tetrachloroethane	12	0	1	0	1	0	0	0
1,1,2-Trichloroethane	12	0	0.702	0	0.702	0	0	0
1,1-Dichloroethane	12	0	0.19	0	0.19	0	0	0
1,1-Dichloroethene	12	0	0.13	0	0.13	0	0	0
1,2,4-Trichlorobenzene	13	0	1.4	0	1.4	0	0	0

Houghton Lake
AIRS ID: 261130001
Units: µg/m³

Chemical Name	# Obs	Obs > MDL	MDL	Min Mean	Max Mean	Max1	Max2	Max3
1,2,4-Trimethylbenzene	12	0	0.572	0	0.572	0	0	0
1,2-Dibromoethane	12	0	1.03	0	1.03	0	0	0
1,2-Dichlorobenzene	12	0	0.782	0	0.782	0	0	0
1,2-Dichloroethane	12	0	0.268	0	0.268	0	0	0
1,2-Dichloropropane	12	0	0.313	0	0.313	0	0	0
1,3,5-Trimethylbenzene	12	0	0.55	0	0.55	0	0	0
1,3-Butadiene	12	0	0.229	0	0.229	0	0	0
1,3-Dichlorobenzene	12	0	0.72	0	0.72	0	0	0
1,4-Dichlorobenzene	12	0	0.79	0	0.79	0	0	0
2,2,4-Trimethylpentane	12	0	0.14	0	0.14	0	0	0
2-Chloro-1,3-Butadiene	12	0	0.15	0	0.15	0	0	0
Acetonitrile	12	9	0.37	0.772	0.864	1.3	1.3	1.2
Acrylonitrile	12	0	0.36	0	0.36	0	0	0
Benzene	12	12	0.13	0.527	0.527	0.76	0.7	0.63
Bromodichloromethane	12	0	0.621	0	0.621	0	0	0
Bromoform	12	0	1.7	0	1.7	0	0	0
Bromomethane	12	0	0.26	0	0.26	0	0	0
Carbon Tetrachloride	12	12	0.273	0.533	0.533	0.6	0.59	0.58
Chlorobenzene	12	0	0.632	0	0.632	0	0	0
Chloroethane	12	0	0.233	0	0.233	0	0	0
Chloroform	12	12	0.25	0.444	0.444	0.95	0.63	0.56
Chloromethane	12	12	0.13	1.28	1.28	1.5	1.4	1.4
Chloromethyl Benzene	12	0	1.2	0	1.2	0	0	0
cis-1,2-Dichloroethene	12	0	0.199	0	0.199	0	0	0
cis-1,3-Dichloropropene	12	0	0.479	0	0.479	0	0	0
Dibromochloromethane	12	0	1.32	0	1.32	0	0	0
Dichlorodiflouromethane	12	12	0.408	2.78	2.78	3.1	3	3
Ethylbenzene	12	0	0.543	0	0.543	0	0	0
Halocarbon 113	12	12	0.252	0.783	0.783	0.89	0.86	0.82
Halocarbon 114	12	0	0.16	0	0.16	0	0	0
Hexachloro-1,3-Butadiene	12	0	1.6	0	1.6	0	0	0
m/p -Xylene	12	0	0.632	0	0.632	0	0	0
Methyl Ethyl Ketone	12	12	0.233	0.729	0.729	1.4	1.2	0.85
Methyl Isobutyl Ketone	12	0	0.41	0	0.41	0	0	0
Methyl Tert-Butyl Ether	12	0	0.12	0	0.12	0	0	0
Methylene Chloride	12	3	0.699	0.292	0.817	1.8	0.97	0.74
n-Hexane	12	3	0.816	0.308	0.92	1.9	0.94	0.86
o-xylene	12	0	0.539	0	0.539	0	0	0
Styrene	12	0	0.563	0	0.563	0	0	0
Tetrachloroethene	12	0	0.649	0	0.649	0	0	0
Toluene	12	1	0.702	0.0733	0.717	0.88	0	0
trans-1,2-Dichloroethene	12	0	0.23	0	0.23	0	0	0
trans-1,3-Dichloropropene	12	0	0.48	0	0.48	0	0	0
Trichloroethene	12	0	0.343	0	0.343	0	0	0

Houghton Lake
AIRS ID: 261130001
Units: µg/m³

Chemical Name	# Obs	Obs > MDL	MDL	Min Mean	Max Mean	Max1	Max2	Max3
Trichlorofluoromethane	12	12	0.12	1.21	1.21	2.7	1.4	1.4
Vinyl Chloride	12	0	0.0825	0	0.0825	0	0	0
Arsenic (TSP)	14	14	0.00011	0.000345	0.000345	0.00114	0.000489	0.000468
Barium (TSP)	14	14		0.0117	0.0117	0.0192	0.0159	0.0147
Beryllium (TSP)	14	13	0.000108	4.48E-06	0.0000119	9.7E-06	9.2E-06	8.7E-06
Cadmium (TSP)	14	14	0.000108	0.0000797	0.0000797	0.000142	0.000129	0.000118
Chromium (TSP)	14	14	0.000345	0.00132	0.00132	0.00146	0.00144	0.00141
Cobalt (TSP)	14	11	0.000103	0.0000247	0.0000465	6.45E-05	6.34E-05	5.29E-05
Copper (TSP)	14	14	0.000559	0.977	0.977	1.69	1.54	1.48
Iron (TSP)	14	14		0.0632	0.0632	0.102	0.0971	0.0828
Lead (TSP)	14	14	0.000153	0.00162	0.00162	0.00361	0.00254	0.00243
Manganese (TSP)	14	14	0.000226	0.0029	0.0029	0.00453	0.00448	0.00361
Molybdenum (TSP)	14	14	0.000145	0.00016	0.00016	0.000388	0.000351	0.000219
Nickel (TSP)	14	12	0.000156	0.000308	0.00033	0.000801	0.000798	0.000501
Vanadium (TSP)	14	14	0.000143	0.00036	0.00036	0.00178	0.00152	0.00023
Zinc (TSP)	14	14		0.0235	0.0235	0.0753	0.0443	0.0306

LSSU
AIRS ID: 260330901
Units: µg/m³

Chemical Name	# Obs	Obs > MDL	MDL	Min Mean	Max Mean	Max1	Max2	Max3
Naphthalene	55	55	1.10E-07	0.0296	0.0296	0.124	0.119	0.1

River Rouge
AIRS ID: 261630005
Units: µg/m³

Chemical Name	# Obs	Obs > MDL	MDL	Min Mean	Max Mean	Max1	Max2	Max3
2,5-dimethylbenzaldehyde	42	0	0.0516	0	0.0516	0	0	0
Acetaldehyde	42	42	0.0227	1.86	1.86	3.53	3.13	2.99
Acetone	42	42	0.0735	2.43	2.43	4.88	4.86	4.23
Benzaldehyde	42	0	0.021	0	0.021	0	0	0
Crotonaldehyde (trans)	42	0	0.0122	0	0.0122	0	0	0
Formaldehyde	42	42	0.0245	3.28	3.28	5.77	5.38	5.32
Hexanaldehyde	42	1	0.0403	0.0152	0.0546	0.639	0	0
Isovaleraldehyde	42	0	0.0254	0	0.0254	0	0	0
m,p-Tolualdehyde	42	0	0.0385	0	0.0385	0	0	0
n-Butyraldehyde	42	14	0.0131	0.181	0.189	0.832	0.749	0.726
o-Tolualdehyde	42	0	0.0324	0	0.0324	0	0	0
Propionaldehyde	42	28	0.0377	0.408	0.42	1.64	1.07	0.9
Valeraldehyde	42	0	0.0385	0	0.0385	0	0	0
Arsenic (TSP)	60	60	0.000111	0.00183	0.00183	0.00644	0.00589	0.00499
Barium (TSP)	15	15		0.0213	0.0213	0.0282	0.0281	0.0267
Beryllium (TSP)	15	15	0.000105	0.000027	0.000027	7.23E-05	4.76E-05	3.51E-05
Cadmium (TSP)	60	60	0.000109	0.000833	0.000833	0.00333	0.00333	0.00276
Chromium (TSP)	15	15	0.000335	0.00361	0.00361	0.00595	0.00507	0.00448
Cobalt (TSP)	15	15	0.0001	0.000172	0.000172	0.000448	0.000379	0.00026
Copper (TSP)	15	15	0.000544	0.485	0.485	0.901	0.825	0.668
Iron (TSP)	15	15		0.697	0.697	1.34	1.17	1.13
Lead (TSP)	15	15	0.000149	0.00752	0.00752	0.0153	0.0137	0.00852
Manganese (TSP)	60	60	0.000228	0.0652	0.0652	0.223	0.18	0.173
Molybdenum (TSP)	15	15	0.000141	0.000776	0.000776	0.00132	0.00115	0.00104
Nickel (TSP)	60	60	0.000156	0.00245	0.00245	0.00643	0.00571	0.00568
Vanadium (TSP)	15	15	0.000139	0.00244	0.00244	0.00617	0.00557	0.00395
Zinc (TSP)	15	15		0.0679	0.0679	0.253	0.121	0.0928

South Delray (Yellow Freight)
AIRS ID: 261630027
Units: µg/m³

Chemical Name	# Obs	Obs > MDL	MDL	Min Mean	Max Mean	Max1	Max2	Max3
Arsenic (TSP)	62	62	0.000114	0.00209	0.00209	0.00681	0.00575	0.00526
Barium (TSP)	15	15		0.0282	0.0282	0.0396	0.0391	0.038
Beryllium (TSP)	15	15	0.000109	0.000057	0.000057	0.000102	0.000102	0.000079
Cadmium (TSP)	62	62	0.000112	0.000734	0.000734	0.00245	0.00223	0.00202
Chromium (TSP)	15	15	0.000346	0.00482	0.00482	0.00917	0.00688	0.00607
Cobalt (TSP)	15	15	0.000104	0.000206	0.000206	0.000421	0.000315	0.000297
Copper (TSP)	15	15	0.000562	0.329	0.329	0.601	0.599	0.576
Iron (TSP)	15	15		1.24	1.24	2.23	1.9	1.86
Lead (TSP)	15	15	0.000154	0.00958	0.00958	0.0263	0.015	0.0108
Manganese (TSP)	62	62	0.000234	0.205	0.205	1.95	1.83	1.8
Molybdenum (TSP)	15	15	0.000146	0.000983	0.000983	0.00149	0.00132	0.00121
Nickel (TSP)	62	62	0.00016	0.00397	0.00397	0.0199	0.017	0.0112
Vanadium (TSP)	15	15	0.000144	0.00313	0.00313	0.0077	0.00558	0.00494
Zinc (TSP)	15	15		0.122	0.122	0.397	0.333	0.183

Ypsilanti
AIRS ID: 261610008
Units: µg/m³

Chemical Name	# Obs	Obs > MDL	MDL	Min Mean	Max Mean	Max1	Max2	Max3
2,5-dimethylbenzaldehyde	10	0	0.0531	0	0.0531	0	0	0
Acetaldehyde	10	10	0.0234	1.15	1.15	1.56	1.5	1.45
Acetone	10	10	0.0756	2.44	2.44	3.49	2.97	2.92
Benzaldehyde	10	0	0.0216	0	0.0216	0	0	0
Crotonaldehyde (trans)	10	0	0.0126	0	0.0126	0	0	0
Formaldehyde	10	10	0.0252	1.82	1.82	2.88	2.52	1.93
Hexanaldehyde	10	0	0.0414	0	0.0414	0	0	0
Isovaleraldehyde	10	0	0.0261	0	0.0261	0	0	0
m,p-Tolualdehyde	10	0	0.0397	0	0.0397	0	0	0
n-Butyraldehyde	10	0	0.0135	0	0.0135	0	0	0
o-Tolualdehyde	10	0	0.0333	0	0.0333	0	0	0
Propionaldehyde	10	0	0.0388	0	0.0388	0	0	0
Valeraldehyde	10	0	0.0396	0	0.0396	0	0	0
1,1,1-Trichloroethane	8	0	0.24	0	0.24	0	0	0
1,1,2,2-Tetrachloroethane	8	0	1	0	1	0	0	0
1,1,2-Trichloroethane	8	0	0.702	0	0.702	0	0	0
1,1-Dichloroethane	8	0	0.19	0	0.19	0	0	0
1,1-Dichloroethene	8	0	0.13	0	0.13	0	0	0
1,2,4-Trichlorobenzene	8	0	1.4	0	1.4	0	0	0
1,2,4-Trimethylbenzene	8	0	0.572	0	0.572	0	0	0
1,2-Dibromoethane	8	0	1.03	0	1.03	0	0	0
1,2-Dichlorobenzene	8	0	0.782	0	0.782	0	0	0

Ypsilanti
AIRS ID: 261610008
Units: µg/m³

Chemical Name	# Obs	Obs > MDL	MDL	Min Mean	Max Mean	Max1	Max2	Max3
1,2-Dichloroethane	8	0	0.266	0	0.266	0	0	0
1,2-Dichloropropane	8	0	0.313	0	0.313	0	0	0
1,3,5-Trimethylbenzene	8	0	0.55	0	0.55	0	0	0
1,3-Butadiene	8	0	0.229	0	0.229	0	0	0
1,3-Dichlorobenzene	8	0	0.72	0	0.72	0	0	0
1,4-Dichlorobenzene	8	0	0.79	0	0.79	0	0	0
2,2,4-Trimethylpentane	8	7	0.14	0.245	0.263	0.49	0.34	0.32
2-Chloro-1,3-Butadiene	8	0	0.15	0	0.15	0	0	0
Acetonitrile	8	8	0.37	1.21	1.21	3.1	1.4	1.2
Acrylonitrile	8	0	0.36	0	0.36	0	0	0
Benzene	8	8	0.13	0.93	0.93	1.2	1.2	1
Bromodichloromethane	8	0	0.621	0	0.621	0	0	0
Bromoform	8	0	1.7	0	1.7	0	0	0
Bromomethane	8	0	0.26	0	0.26	0	0	0
Carbon Tetrachloride	8	8	0.273	0.515	0.515	0.61	0.57	0.56
Chlorobenzene	8	0	0.632	0	0.632	0	0	0
Chloroethane	8	0	0.233	0	0.233	0	0	0
Chloroform	8	5	0.25	0.606	0.7	1.8	1.6	0.72
Chloromethane	8	8	0.13	1.66	1.66	2.2	2.2	2.1
Chloromethyl Benzene	8	0	1.2	0	1.2	0	0	0
cis-1,2-Dichloroethene	8	0	0.199	0	0.199	0	0	0
cis-1,3-Dichloropropene	8	0	0.479	0	0.479	0	0	0
Dibromochloromethane	8	0	1.32	0	1.32	0	0	0
Dichlorodiflouromethane	8	8	0.407	2.79	2.79	3.3	3.2	3.2
Ethylbenzene	8	0	0.543	0	0.543	0	0	0
Halocarbon 113	8	8	0.252	0.666	0.666	0.72	0.72	0.69
Halocarbon 114	8	0	0.16	0	0.16	0	0	0
Hexachloro-1,3-Butadiene	8	0	1.6	0	1.6	0	0	0
m/p -Xylene	8	3	0.632	0.27	0.666	0.77	0.73	0.66
Methyl Ethyl Ketone	8	8	0.233	0.871	0.871	2	0.86	0.8
Methyl Isobutyl Ketone	8	0	0.41	0	0.41	0	0	0
Methyl Tert-Butyl Ether	8	0	0.12	0	0.12	0	0	0
Methylene Chloride	8	4	0.699	1.17	1.52	5.4	2.4	0.79
n-Hexane	8	3	0.815	1.69	2.2	7.5	4.6	1.4
o-xylene	8	0	0.539	0	0.539	0	0	0
Styrene	8	0	0.563	0	0.563	0	0	0
Tetrachloroethene	8	0	0.649	0	0.649	0	0	0
Toluene	8	7	0.702	1.35	1.44	2.3	1.8	1.8
trans-1,2-Dichloroethene	8	0	0.23	0	0.23	0	0	0
trans-1,3-Dichloropropene	8	0	0.48	0	0.48	0	0	0
Trichloroethene	8	0	0.343	0	0.343	0	0	0
Trichloroflouromethane	7	7	0.12	2.88	2.88	13	1.7	1.5
Vinyl Chloride	8	0	0.0825	0	0.0825	0	0	0
Arsenic (TSP)	8	8	0.000103	0.000837	0.000837	0.00218	0.00113	0.000719

Ypsilanti
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Chemical Name	# Obs	Obs > MDL	MDL	Min Mean	Max Mean	Max1	Max2	Max3
Barium (TSP)	8	8		0.0173	0.0173	0.0216	0.0214	0.0191
Beryllium (TSP)	8	8	0.000101	0.0000112	0.0000112	2.32E-05	1.37E-05	1.24E-05
Cadmium (TSP)	8	8	0.000101	0.000164	0.000164	0.00033	0.000184	0.000168
Chromium (TSP)	8	8	0.000323	0.00191	0.00191	0.00228	0.00219	0.00197
Cobalt (TSP)	8	8	9.66E-05	0.0000811	0.0000811	0.000132	0.000123	0.000107
Copper (TSP)	8	8	0.000523	0.227	0.227	0.321	0.268	0.255
Iron (TSP)	8	8		0.26	0.26	0.414	0.342	0.291
Lead (TSP)	8	8	0.000144	0.00446	0.00446	0.0081	0.00539	0.00508
Manganese (TSP)	8	8	0.000211	0.00901	0.00901	0.0153	0.00957	0.00913
Molybdenum (TSP)	8	8	0.000136	0.000623	0.000623	0.000854	0.000744	0.000691
Nickel (TSP)	8	8	0.000146	0.000792	0.000792	0.00175	0.00113	0.000769
Vanadium (TSP)	8	8	0.000134	0.000903	0.000903	0.00301	0.00185	0.000487
Zinc (TSP)	8	8		0.0416	0.0416	0.0653	0.0644	0.0556