

# Appendices

**Appendix A. Concentrations (pg/m<sup>3</sup>) of polychloro dibenzo-p-dioxins and polychloro dibenzofurans in air samples collected near the Texarkana Wood Preserving Site during 2009.**

Sampling Event	Dioxin Congener	Airborne Concentrations (pg/m3)				Analyte Mass (pg)	DL (pg)
		SITE 1	SITE 2	SITE 3	SITE 4		
Feb							
		<b>SITE 1</b>	<b>SITE 2</b>	<b>SITE 3</b>	<b>SITE 4</b>	<b>BLANK</b>	
	2,3,7,8-TCDD	ND	ND	ND	ND	ND	0.299
	1,2,3,7,8-PeCDD	0.0009	ND	ND	ND	ND	0.211
	1,2,3,4,7,8-HxCDD	0.0010	ND	ND	ND	ND	0.454
	1,2,3,6,7,8-HxCDD	0.0016	ND	0.0018	ND	ND	0.491
	1,2,3,7,8,9-HxCDD	0.0022	ND	0.0021	ND	ND	0.454
	1,2,3,4,6,7,8-HpCDD	0.0167	0.0190	0.0219	0.0144	3	0.274
	OCDD	0.0797	0.1204	0.1239	0.0824	15.7	0.411
		<b>Furan Congener</b>					
	2,3,7,8-TCDF	ND	ND	ND	ND	ND	1.610
	1,2,3,7,8-PeCDF	0.0018	ND	ND	ND	ND	0.263
	2,3,4,7,8-PeCDF	ND	ND	ND	0.0014	ND	0.252
	1,2,3,4,7,8-HxCDF	0.0034	0.0022	0.0043	0.0017	ND	0.340
1,2,3,6,7,8-HxCDF	0.0021	0.0012	0.0009	0.0010	ND	0.326	
1,2,3,6,7,8-HxCDF	ND	ND	ND	ND	ND	0.400	
2,3,4,6,7,8-HxCDF	0.0013	ND	0.0008	ND	ND	0.353	
1,2,3,4,6,7,8-HxCDF	0.0070	0.0060	0.0060	0.0055	1.69	0.242	
1,2,3,4,7,8,9-HxCDF	ND	ND	ND	ND	ND	0.299	
OCDF	0.0084	0.0123	0.0136	0.0094	2.18	0.439	
	<b>TOTAL Conc (pg/m3)</b>	0.1262	0.1611	0.1754	0.1157		
	<b>Sample Volume (m3)</b>	545.78	551.65	579.37	600.72	NA	
May							
	2,3,7,8-TCDD	ND	ND	ND	ND	ND	0.299
	1,2,3,7,8-PeCDD	ND	ND	ND	ND	ND	0.211
	1,2,3,4,7,8-HxCDD	ND	0.0023	ND	ND	ND	0.454
	1,2,3,6,7,8-HxCDD	0.0023	0.0028	0.0037	0.0035	ND	0.491
	1,2,3,7,8,9-HxCDD	0.0035	0.0031	ND	0.0034	ND	0.454
	1,2,3,4,6,7,8-HpCDD	0.0197	0.0817	0.0279	0.0505	1.45	0.274
	OCDD	0.1415	1.0151	0.1377	0.3719	8.22	0.411
		<b>Furan Congener</b>					
	2,3,7,8-TCDF	ND	ND	ND	ND	ND	1.610
	1,2,3,7,8-PeCDF	ND	ND	ND	ND	ND	0.263
	2,3,4,7,8-PeCDF	ND	ND	ND	ND	ND	0.252
	1,2,3,4,7,8-HxCDF	0.0027	0.0039	ND	0.0031	ND	0.340

	<b>1,2,3,6,7,8-HxCDF</b>	0.0018	ND	0.0087	ND	ND	0.326
	<b>1,2,3,6,7,8-HxCDF</b>	ND	ND	ND	ND	ND	0.400
	<b>2,3,4,6,7,8-HxCDF</b>	0.0016	ND	ND	ND	ND	0.353
	<b>1,2,3,4,6,7,8-HxCDF</b>	0.0088	0.0194	0.0297	0.0130	0.518	0.242
	<b>1,2,3,4,7,8,9-HxCDF</b>	ND	ND	ND	ND	ND	0.299
	<b>OCDF</b>	0.0099	0.0321	0.0064	0.0178	ND	0.439
	<b>TOTAL Conc (pg/m3)</b>	0.1918	1.1604	0.2139	0.4632		
	<b>Sample Volume (m3)</b>	620.50	342.82	438.05	338.79	NA	
<b>Aug</b>	<b>2,3,7,8-TCDD</b>	ND	ND	ND	ND	ND	0.759
	<b>1,2,3,7,8-PeCDD</b>	ND	ND	ND	ND	ND	0.820
	<b>1,2,3,4,7,8-HxCDD</b>	ND	ND	ND	ND	ND	1.268
	<b>1,2,3,6,7,8-HxCDD</b>	ND	0.0126	ND	0.0049	ND	1.374
	<b>1,2,3,7,8,9-HxCDD</b>	ND	0.0051	0.0049	ND	ND	1.252
	<b>1,2,3,4,6,7,8-HpCDD</b>	0.0467	0.2945	0.0676	0.0352	2.63	1.447
	<b>OCDD</b>	0.2403	3.4683	0.2913	0.1884	8.3	1.728
	<b>Furan Congener</b>						
	<b>2,3,7,8-TCDF</b>	ND	ND	ND	ND	ND	1.543
	<b>1,2,3,7,8-PeCDF</b>	ND	ND	0.0144	ND	ND	0.739
	<b>2,3,4,7,8-PeCDF</b>	ND	ND	0.0174	ND	ND	0.705
	<b>1,2,3,4,7,8-HxCDF</b>	ND	0.0092	0.0256	0.0027	ND	1.023
	<b>1,2,3,6,7,8-HxCDF</b>	ND	0.0034	0.0091	ND	ND	0.990
	<b>1,2,3,6,7,8-HxCDF</b>	ND	ND	ND	ND	ND	1.199
	<b>2,3,4,6,7,8-HxCDF</b>	ND	0.0040	0.0072	ND	ND	1.099
	<b>1,2,3,4,6,7,8-HpCDF</b>	0.0118	0.0657	0.0415	0.0098	ND	1.408
	<b>1,2,3,4,7,8,9-HpCDF</b>	ND	0.0113	ND	ND	ND	1.755
	<b>OCDF</b>	0.0147	0.2029	0.0405	0.0183	ND	1.715
	<b>TOTAL Conc (pg/m3)</b>	0.3135	4.0768	0.5195	0.2592		
	<b>Sample Volume (m3)</b>	441.16	458.44	394.80	372.11	NA	
<b>Dec</b>	<b>2,3,7,8-TCDD</b>	ND	ND		ND	ND	0.698
	<b>1,2,3,7,8-PeCDD</b>	ND	ND		0.0340	ND	0.536
	<b>1,2,3,4,7,8-HxCDD</b>	0.0042	0.0050		0.0552	ND	0.659
	<b>1,2,3,6,7,8-HxCDD</b>	0.0096	0.0192		0.0637	ND	0.715
	<b>1,2,3,7,8,9-HxCDD</b>	0.0085	0.0131		0.0756	ND	0.650
	<b>1,2,3,4,6,7,8-HpCDD</b>	0.1893	0.3826		0.1874	3.33	0.585
	<b>OCDD</b>	1.4757	3.4390		1.0533	9.2	0.732

<b>Furan Congener</b>					
<b>2,3,7,8-TCDF</b>	ND	ND	ND	ND	0.939
<b>1,2,3,7,8-PeCDF</b>	ND	0.0056	0.0238	ND	0.407
<b>2,3,4,7,8-PeCDF</b>	ND	0.0094	0.0252	ND	0.389
<b>1,2,3,4,7,8-HxCDF</b>	0.0044	0.1160	0.0493	ND	0.610
<b>1,2,3,6,7,8-HxCDF</b>	0.0043	0.0501	0.0484	ND	0.590
<b>1,2,3,6,7,8-HxCDF</b>	ND	0.0051	0.0637	ND	0.717
<b>2,3,4,6,7,8-HxCDF</b>	ND	0.0139	0.0510	ND	0.656
<b>1,2,3,4,6,7,8-HpCDF</b>	0.0391	0.1666	0.0892	ND	0.446
<b>1,2,3,4,7,8,9-HpCDF</b>	0.0062	0.0765	0.0739	ND	0.557
<b>OCDF</b>	0.1159	0.3512	0.2319	ND	0.684
<b>TOTAL Conc (pg/m3)</b>	1.8571	4.6534	2.1255		
<b>Sample Volume (m3)</b>	347.63	412.91	353.18	NA	

**Appendix B. Toxic Equivalents (TEQ) representing 2,3,7,8-TCDD equivalents (pg TCDD/m<sup>3</sup>) from each polychloro dibenzo-p-dioxin and polychloro dibenzofuran in air samples collected near the Texarkana Wood Preserving Site during 2009.**

Sampling Event	Dioxin Congener	Airborne TEQ (pg/m3)				Analyte TEQ (pg) BLANK	Analyte TEF	
		SITE 1	SITE 2	SITE 3	SITE 4			
Feb	2,3,7,8-TCDD	0	0	0	0	0	1	
	1,2,3,7,8-PeCDD	0.000473	0	0	0	0	0.5	
	1,2,3,4,7,8-HxCDD	9.77E-05	0	0	0	0	0.1	
	1,2,3,6,7,8-HxCDD	0.000161	0	0.000183	0	0	0.1	
	1,2,3,7,8,9-HxCDD	0.000224	0	0.000214	0	0	0.1	
	1,2,3,4,6,7,8-HpCDD	0.000112	0.000136	0.000167	9.39E-05	0.03	0.01	
	OCDD	5.09E-05	9.19E-05	9.68E-05	5.63E-05	0.0157	0.001	
	<b>Furan Congener</b>							
	2,3,7,8-TCDF	0	0	0	0	0	0.1	
	1,2,3,7,8-PeCDF	0.000895	0	0	0	0	0.5	
	2,3,4,7,8-PeCDF	0	0	0	0.000692	0	0.5	
	1,2,3,4,7,8-HxCDF	0.000343	0.000225	0.000433	0.000173	0	0.1	
	1,2,3,6,7,8-HxCDF	0.000214	0.000116	9.29E-05	9.59E-05	0	0.1	
	1,2,3,6,7,8-HxCDF	0	0	0	0	0	0.1	
	2,3,4,6,7,8-HxCDF	0.000133	0	7.82E-05	0	0	0.1	
	1,2,3,4,6,7,8-HxCDF	3.87E-05	2.92E-05	3.04E-05	2.65E-05	0.0169	0.01	
	1,2,3,4,7,8,9-HxCDF	0	0	0	0	0	0.01	
OCDF	4.36E-06	8.37E-06	9.84E-06	5.73E-06	0.00218	0.001		
TOTAL TEQ	0.002746	0.000607	0.001306	0.001143				
May	2,3,7,8-TCDD	0	0	0	0	0	1	
	1,2,3,7,8-PeCDD	0	0	0	0	0	1	
	1,2,3,4,7,8-HxCDD	0	0.000228	0	0	0	0.1	
	1,2,3,6,7,8-HxCDD	0.000229	0.000281	0.000365	0.000354	0	0.1	
	1,2,3,7,8,9-HxCDD	0.00035	0.000309	0	0.000342	0	0.1	
	1,2,3,4,6,7,8-HpCDD	0.000173	0.000774	0.000245	0.000462	0.0145	0.01	
	OCDD	3.85E-05	0.000297	3.57E-05	0.000104	0.002466	0.0003	

	<b>Furan Congener</b>						
	2,3,7,8-TCDF	0	0	0	0	0	0.1
	1,2,3,7,8-PeCDF	0	0	0	0	0	0.03
	2,3,4,7,8-PeCDF	0	0	0	0	0	0.3
	1,2,3,4,7,8-HxCDF	0.000266	0.000394	0	0.000307	0	0.1
	1,2,3,6,7,8-HxCDF	0.00018	0	0.000865	0	0	0.1
	1,2,3,6,7,9-HxCDF	0	0	0	0	0	0.1
	2,3,4,6,7,8-HxCDF	0.000161	0	0	0	0	0.1
	1,2,3,4,6,7,8-HxCDF	7.98E-05	0.000179	0.000285	0.000115	0.00518	0.01
	1,2,3,4,7,8,9-HxCDF	0	0	0	0	0	0.01
	OCDF	2.98E-06	9.63E-06	1.92E-06	5.35E-06	0	0.0003
	<b>TOTAL TEQ</b>	1.6100	1.6100	1.6100	1.6100		
<b>Aug</b>	2,3,7,8-TCDD	0	0	0	0	0	1
	1,2,3,7,8-PeCDD	0	0	0	0	0	1
	1,2,3,4,7,8-HxCDD	0	0	0	0	0	0.1
	1,2,3,6,7,8-HxCDD	0	0.001261	0	0.000489	0	0.1
	1,2,3,7,8,9-HxCDD	0	0.000513	0.000486	0	0	0.1
	1,2,3,4,6,7,8-HpCDD	0.000407	0.002887	0.00061	0.000281	0.0263	0.01
	OCDD	6.64E-05	0.001035	8.11E-05	4.98E-05	0.00249	0.0003
	<b>Furan Congener</b>						
	2,3,7,8-TCDF	0	0	0	0	0	0.1
	1,2,3,7,8-PeCDF	0	0	0.000432	0	0	0.03
	2,3,4,7,8-PeCDF	0	0	0.005205	0	0	0.3
	1,2,3,4,7,8-HxCDF	0	0.000916	0.002558	0.000266	0	0.1
	1,2,3,6,7,8-HxCDF	0	0.000336	0.000907	0	0	0.1
	1,2,3,6,7,9-HxCDF	0	0	0	0	0	0.1
	2,3,4,6,7,8-HxCDF	0	0.000397	0.000719	0	0	0.1
	1,2,3,4,6,7,8-HpCDF	0.000118	0.000657	0.000415	9.78E-05	0	0.01
	1,2,3,4,7,8,9-HpCDF	0	0.000113	0	0	0	0.01
	OCDF	4.42E-06	6.09E-05	1.22E-05	5.48E-06	0	0.0003
	<b>TOTAL TEQ</b>	0.0000	0.0000	0.0000	0.0000		
<b>Dec</b>	2,3,7,8-TCDD	0.00000	0.00000	0	0	0	1
	1,2,3,7,8-PeCDD	0.00000	0.00000	0.033977	0	0	1
	1,2,3,4,7,8-HxCDD	0.00042	0.00050	0.005521	0	0	0.1
	1,2,3,6,7,8-HxCDD	0.00096	0.00192	0.006371	0	0	0.1
	1,2,3,7,8,9-HxCDD	0.00085	0.00131	0.00756	0	0	0.1
	1,2,3,4,6,7,8-HpCDD	0.00180	0.00375	0.00178	0.0333	0	0.01
	OCDD	0.00043	0.00103	0.000308	0.00276	0	0.0003

<b>Furan Congener</b>	0.00000	0.00000	0		
<b>2,3,7,8-TCDF</b>	0.00000	0.00000	0	0	0.1
<b>1,2,3,7,8-PeCDF</b>	0.00000	0.00000	0	0	0.03
<b>2,3,4,7,8-PeCDF</b>	0.00000	0.00017	0.000713	0	0.3
<b>1,2,3,4,7,8-HxCDF</b>	0.00000	0.00283	0.007568	0	0.1
<b>1,2,3,6,7,8-HxCDF</b>	0.00044	0.01160	0.004927	0	0.1
<b>1,2,3,6,7,9-HxCDF</b>	0.00043	0.00501	0.004842	0	0.1
<b>2,3,4,6,7,8-HxCDF</b>	0.00000	0.00051	0.006371	0	0.1
<b>1,2,3,4,6,7,8-HpCDF</b>	0.00000	0.00139	0.005097	0	0.01
<b>1,2,3,4,7,8,9-HpCDF</b>	0.00039	0.0017	0.000892	0	0.01
<b>OCDF</b>	0.00006	0.0008	0.000739	0	0.0003
<b>TOTAL TEQ</b>	0.005809	0.032551	0.086734		

**Appendix C. Concentrations (pg/m<sup>3</sup>) of polycyclic aromatic hydrocarbons in air samples collected near the Texarkana Wood Preserving Site during 2009.**

Sampling Event	Compound	Airborne Concentrations (ng/m3)				Analyte Mass (ng) Blank
		Site 1	Site 2	Site 3	Site 4	
Feb	Naphthalene	10.72	15.68	18.43	10.99	670.76
	2-Methylnaphthalene	3.82	6.16	6.38	4.39	230.20
	1-Methylnaphthalene	2.80	4.60	4.19	3.23	0
	Acenaphthylene	0	0	0	0	0
	Acenaphthene	2.39	1.90	4.79	1.23	0
	Dibenzofuran	2.57	2.87	3.51	2.03	0
	Fluorene	0	0	3.86	2.19	0
	Phenanthrene	2.63	2.79	5.43	2.15	0
	Anthracene	0	0	0	0	0
	Fluoranthene	0	0	1.66	0	0
	Pyrene	0	0	0.91	0	0
	Benzo(a)anthracene	0	0	0	0	0
	Chrysene	0	0	0	0	0
	Benzo(b)fluoranthene	0	0	0	0	0
	Benzo(k)fluoranthene	0	0	0	0	0
	Benzo(a)pyrene	0	0	0	0	0
	Indeno(1,2,3-cd)pyrene	0	0	0	0	0
	Dibenzo(a,h)anthracene	0	0	0	0	0
	Benzo(g,h,i)perylene	0	0	0	0	0
	<b>TOTAL PAH (ng/m3)</b>		24.93	33.99	49.16	26.21
<b>Sample Volume (m3)</b>		390.89	391.79	401.36	430.99	



<b>May</b>	<b>Naphthalene</b>	102.68	12.36	22.64	14.48	0.97
	<b>2-Methylnaphthalene</b>	33.46	5.81	8.51	6.09	0
	<b>1-Methylnaphthalene</b>	17.78	3.59	4.71	3.53	0
	<b>Acenaphthylene</b>	0	0	0	0	0
	<b>Acenaphthene</b>	32.98	3.68	7	3.85	0
	<b>Dibenzofuran</b>	18.21	2.38	3.97	2.28	0
	<b>Fluorene</b>	19.26	2.68	4.23	2.57	0
	<b>Phenanthrene</b>	35.68	2.92	6.43	2.2	0.26
	<b>Anthracene</b>	2.51	0	0	0	0
	<b>Fluoranthene</b>	10.46	0	0	0	0
	<b>Pyrene</b>	5.4	0.66	1.12	0	0
	<b>Benzo(a)anthracene</b>	0	0	0	0	0
	<b>Chrysene</b>	0	0	0	0	0
	<b>Benzo(b)fluoranthene</b>	0	0	0	0	0
	<b>Benzo(k)fluoranthene</b>	0	0	0	0	0
	<b>Benzo(a)pyrene</b>	0	0	0	0	0
	<b>Indeno(1,2,3-cd)pyrene</b>	0	0	0	0	0
	<b>Dibenzo(a,h)anthracene</b>	0	0	0	0	0
	<b>Benzo(g,h,i)perylene</b>	0	0	0	0	0
	<b>TOTAL PAH (ng/m<sup>3</sup>)</b>	278.42	34.09	58.61	35	NA
	<b>Sample Volume (m<sup>3</sup>)</b>	325.99	302.46	352.03	233.48	NA

<b>Aug</b>	<b>Naphthalene</b>	10.49	34.07	74.99	5.05	466.00
	<b>2-Methylnaphthalene</b>	3.86	13.41	33.19	1.87	0.00
	<b>1-Methylnaphthalene</b>	3.15	7.94	16.94	1.79	0.00
	<b>Acenaphthylene</b>	0.00	0.00	0.00	0.00	0.00
	<b>Acenaphthene</b>	5.47	15.98	45.96	1.93	0.00
	<b>Dibenzofuran</b>	1.34	7.45	30.73	1.27	367.00
	<b>Fluorene</b>	4.29	13.15	42.55	1.76	0.00
	<b>Phenanthrene</b>	6.04	26.46	118.86	2.80	0.00
	<b>Anthracene</b>	0.00	4.51	14.04	0.00	0.00
	<b>Fluoranthene</b>	0.00	7.88	45.11	0.00	0.00
	<b>Pyrene</b>	0.00	3.45	19.72	0.00	0.00
	<b>Benzo(a)anthracene</b>	0.00	0.00	0.00	0.00	0.00
	<b>Chrysene</b>	0.00	0.00	1.71	0.00	0.00
	<b>Benzo(b)fluoranthene</b>	0.00	0.00	0.00	0.00	0.00
	<b>Benzo(k)fluoranthene</b>	0.00	0.00	0.00	0.00	0.00
	<b>Benzo(a)pyrene</b>	0.00	0.00	0.00	0.00	0.00
	<b>Indeno(1,2,3-cd)pyrene</b>	0.00	0.00	0.00	0.00	0.00
	<b>Dibenzo(a,h)anthracene</b>	0.00	0.00	0.00	0.00	0.00
	<b>Benzo(g,h,i)perylene</b>	0.00	0.00	0.00	0.00	0.00
	<b>TOTAL PAH (ng/m<sup>3</sup>)</b>	34.64	134.30	443.80	16.49	NA
	<b>Sample Volume (m<sup>3</sup>)</b>	403.69	385.54	352.50	449.90	NA

<b>Dec</b>	<b>Naphthalene</b>	7.06	9.62	9.28	8.45	0.00
	<b>2-Methylnaphthalene</b>	3.68	4.67	4.15	3.56	0.00
	<b>1-Methylnaphthalene</b>	2.22	2.47	2.53	2.22	0.00
	<b>Acenaphthylene</b>	0.00	0.00	0.00	0.00	0.00
	<b>Acenaphthene</b>	0.00	4.92	3.62	0.00	0.00
	<b>Dibenzofuran</b>	0.00	3.96	3.23	0.00	0.00
	<b>Fluorene</b>	1.03	4.61	3.59	0.00	0.00
	<b>Phenanthrene</b>	3.13	10.49	7.98	3.20	0.00
	<b>Anthracene</b>	0.00	0.00	0.00	0.00	0.00
	<b>Fluoranthene</b>	0.00	3.07	2.37	0.00	0.00
	<b>Pyrene</b>	0.00	2.22	1.97	0.00	0.00
	<b>Benzo(a)anthracene</b>	0.00	0.00	0.00	0.00	0.00
	<b>Chrysene</b>	0.00	0.00	0.00	0.00	0.00
	<b>Benzo(b)fluoranthene</b>	0.00	0.00	0.00	0.00	0.00
	<b>Benzo(k)fluoranthene</b>	0.00	0.00	0.00	0.00	0.00
	<b>Benzo(a)pyrene</b>	0.00	0.00	0.00	0.00	0.00
	<b>Indeno(1,2,3-cd)pyrene</b>	0.00	0.00	0.00	0.00	0.00
	<b>Dibenzo(a,h)anthracene</b>	0.00	0.00	0.00	0.00	0.00
	<b>Benzo(g,h,i)perylene</b>	0.00	0.00	0.00	0.00	0.00
	<b>TOTAL PAH (ng/m<sup>3</sup>)</b>	17.13	46.04	38.73	17.44	NA
	<b>Sample Volume (m<sup>3</sup>)</b>	366.84	355.62	414.69	415.48	NA

**Appendix D. Volatile organic chemical (VOC) concentrations in air collected at the Texarkana Wood Preserving Site during 2009.**

Sampling Event	CAS #	Compound	Site 1 µg/m <sup>3</sup>	Site 2 µg/m <sup>3</sup>	Site 3 µg/m <sup>3</sup>	Site 4 µg/m <sup>3</sup>
Feb	115-07-1	Propene	ND	ND	ND	ND
	75-71-8	Dichlorodifluoromethane (CFC 12)	2.1	ND	2.3	2.2
	74-87-3	Chloromethane	ND	ND	ND	ND
	76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	ND	ND	ND
	75-01-4	Vinyl Chloride	ND	ND	ND	ND
	106-99-0	1,3-Butadiene	ND	ND	ND	ND
	74-83-9	Bromomethane	ND	ND	ND	ND
	75-00-3	Chloroethane	ND	ND	ND	ND
	64-17-5	Ethanol	ND	ND	ND	13
	75-05-8	Acetonitrile	ND	ND	ND	ND
	107-02-8	Acrolein	0.91	1.8	1.2	ND
	67-64-1	Acetone	8.1	7.8	11	9.9
	75-69-4	Trichlorofluoromethane	1.1	ND	1.1	1.1
	67-63-0	2-Propanol (Isopropyl Alcohol)	ND	ND	ND	2.4
	107-13-1	Acrylonitrile	ND	ND	ND	ND
	75-35-4	1,1-Dichloroethene	ND	ND	ND	ND
	75-09-2	Methylene Chloride	ND	ND	ND	ND
	107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	ND	ND	ND
	76-13-1	Trichlorotrifluoroethane	ND	ND	ND	ND
	75-15-0	Carbon Disulfide	ND	ND	ND	ND
	156-60-5	trans-1,2-Dichloroethene	ND	ND	ND	ND
	75-34-3	1,1-Dichloroethane	ND	ND	ND	ND
	1634-04-4	Methyl tert-Butyl Ether	ND	ND	ND	ND
	108-05-4	Vinyl Acetate	ND	ND	ND	ND
	78-93-3	2-Butanone (MEK)	1.3	1.6	1.5	1.9

156-59-2	cis-1,2-Dichloroethene		ND	ND	ND	ND
141-78-6	Ethyl Acetate	2.1		ND	ND	3.6
110-54-3	n-Hexane		ND	ND	ND	ND
67-66-3	Chloroform		ND	ND	ND	ND
109-99-9	Tetrahydrofuran (THF)		ND	ND	ND	ND
107-06-2	1,2-Dichloroethane		ND	ND	ND	ND
71-55-6	1,1,1-Trichloroethane		ND	ND	ND	ND
71-43-2	Benzene		ND	ND	ND	ND
56-23-5	Carbon Tetrachloride		ND	ND	ND	ND
110-82-7	Cyclohexane		ND	ND	ND	ND
78-87-5	1,2-Dichloropropane		ND	ND	ND	ND
75-27-4	Bromodichloromethane		ND	ND	ND	ND
79-01-6	Trichloroethene		ND	ND	ND	ND
123-91-1	1,4-Dioxane		ND	ND	ND	ND
80-62-6	Methyl Methacrylate		ND	ND	ND	ND
142-82-5	n-Heptane		ND	ND	ND	ND
10061-01-5	cis-1,3-Dichloropropene		ND	ND	ND	ND
108-10-1	4-Methyl-2-pentanone		ND	ND	ND	ND
10061-02-6	trans-1,3-Dichloropropene		ND	ND	ND	ND
79-00-5	1,1,2-Trichloroethane		ND	ND	ND	ND
108-88-3	Toluene		ND	ND	ND	1.3
591-78-6	2-Hexanone		ND	ND	ND	ND
124-48-1	Dibromochloromethane		ND	ND	ND	ND
106-93-4	1,2-Dibromoethane		ND	ND	ND	ND
123-86-4	n-Butyl Acetate		ND	ND	ND	ND
111-65-9	n-Octane		ND	ND	ND	ND
127-18-4	Tetrachloroethene		ND	ND	ND	ND
108-90-7	Chlorobenzene		ND	ND	ND	ND
100-41-4	Ethylbenzene		ND	ND	ND	ND
179601-23-1	m,p-Xylenes		ND	ND	ND	ND

75-25-2	Bromoform	ND	ND	ND	ND
100-42-5	Styrene	ND	ND	ND	ND
95-47-6	o-Xylene	ND	ND	ND	ND
111-84-2	n-Nonane	ND	ND	ND	ND
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND
98-82-8	Cumene	ND	ND	ND	ND
80-56-8	alpha-Pinene	ND	ND	ND	ND
103-65-1	n-Propylbenzene	ND	ND	ND	ND
622-96-8	4-Ethyltoluene	ND	ND	ND	ND
108-67-8	1,3,5-Trimethylbenzene	ND	ND	ND	ND
95-63-6	1,2,4-Trimethylbenzene	ND	ND	ND	ND
100-44-7	Benzyl Chloride	ND	ND	ND	ND
541-73-1	1,3-Dichlorobenzene	ND	ND	ND	ND
106-46-7	1,4-Dichlorobenzene	ND	ND	ND	ND
95-50-1	1,2-Dichlorobenzene	ND	ND	ND	ND
5989-27-5	d-Limonene	ND	ND	ND	ND
96-12-8	1,2-Dibromo-3-chloropropane	ND	ND	ND	ND
120-82-1	1,2,4-Trichlorobenzene	ND	ND	ND	ND
91-20-3	Naphthalene	ND	ND	ND	1.1
87-68-3	Hexachlorobutadiene	ND	ND	ND	ND

May

	Compound	Site 1 µg/m <sup>3</sup>	Site 2 µg/m <sup>3</sup>	Site 3 µg/m <sup>3</sup>	Site 4 µg/m <sup>3</sup>
115-07-1	Propene	ND	ND	ND	ND
75-71-8	Dichlorodifluoromethane (CFC 12)	2.3	2.4	2.5	2.4
74-87-3	Chloromethane	ND	ND	ND	ND
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	ND	ND	ND
75-01-4	Vinyl Chloride	ND	ND	ND	ND
106-99-0	1,3-Butadiene	ND	ND	ND	ND
74-83-9	Bromomethane	ND	ND	ND	ND
75-00-3	Chloroethane	ND	ND	ND	ND
64-17-5	Ethanol	12	10	24	ND
75-05-8	Acetonitrile	ND	ND	ND	ND
107-02-8	Acrolein	2.3	1.2	0.75	1.3
67-64-1	Acetone	31	13	8.4	10
75-69-4	Trichlorofluoromethane	1.2	1.3	1.3	1.3
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	ND	ND	ND
107-13-1	Acrylonitrile	ND	ND	ND	ND
75-35-4	1,1-Dichloroethene	ND	ND	ND	ND
75-09-2	Methylene Chloride	ND	ND	ND	ND
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	ND	ND	ND
76-13-1	Trichlorotrifluoroethane	ND	ND	ND	ND
75-15-0	Carbon Disulfide	ND	ND	ND	ND
156-60-5	trans-1,2-Dichloroethene	ND	ND	ND	ND
75-34-3	1,1-Dichloroethane	ND	ND	ND	ND
1634-04-4	Methyl tert-Butyl Ether	ND	ND	ND	ND
108-05-4	Vinyl Acetate	8.4	ND	ND	ND
78-93-3	2-Butanone (MEK)	3.1	1.7	0.92	1.4

156-59-2	cis-1,2-Dichloroethene	ND	ND	ND	ND
141-78-6	Ethyl Acetate	ND	ND	ND	ND
110-54-3	n-Hexane	ND	ND	ND	ND
67-66-3	Chloroform	ND	ND	ND	ND
109-99-9	Tetrahydrofuran (THF)	ND	ND	ND	ND
107-06-2	1,2-Dichloroethane	ND	ND	ND	ND
71-55-6	1,1,1-Trichloroethane	ND	ND	ND	ND
71-43-2	Benzene	ND	ND	ND	ND
56-23-5	Carbon Tetrachloride	ND	ND	ND	ND
110-82-7	Cyclohexane	ND	ND	ND	ND
78-87-5	1,2-Dichloropropane	ND	ND	ND	ND
75-27-4	Bromodichloromethane	ND	ND	ND	ND
79-01-6	Trichloroethene	ND	ND	ND	ND
123-91-1	1,4-Dioxane	ND	ND	ND	ND
80-62-6	Methyl Methacrylate	ND	ND	ND	ND
142-82-5	n-Heptane	ND	ND	ND	ND
10061-01-5	cis-1,3-Dichloropropene	ND	ND	ND	ND
108-10-1	4-Methyl-2-pentanone	ND	ND	ND	ND
10061-02-6	trans-1,3-Dichloropropene	ND	ND	ND	ND
79-00-5	1,1,2-Trichloroethane	ND	ND	ND	ND
108-88-3	Toluene	ND	ND	ND	ND
591-78-6	2-Hexanone	ND	ND	ND	ND
124-48-1	Dibromochloromethane	ND	ND	ND	ND
106-93-4	1,2-Dibromoethane	ND	ND	ND	ND
123-86-4	n-Butyl Acetate	ND	ND	ND	ND
111-65-9	n-Octane	1.0	0.77	ND	ND
127-18-4	Tetrachloroethene	ND	ND	ND	ND
108-90-7	Chlorobenzene	ND	ND	ND	ND
100-41-4	Ethylbenzene	ND	ND	ND	ND
179601-23-1	m,p-Xylenes	ND	ND	ND	ND



75-25-2	Bromoform	ND	ND	ND	ND
100-42-5	Styrene	ND	ND	ND	ND
95-47-6	o-Xylene	ND	ND	ND	ND
111-84-2	n-Nonane	ND	ND	ND	ND
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND
98-82-8	Cumene	ND	ND	ND	ND
80-56-8	alpha-Pinene	ND	ND	ND	ND
103-65-1	n-Propylbenzene	ND	ND	ND	ND
622-96-8	4-Ethyltoluene	ND	ND	ND	ND
108-67-8	1,3,5-Trimethylbenzene	ND	ND	ND	ND
95-63-6	1,2,4-Trimethylbenzene	ND	ND	ND	ND
100-44-7	Benzyl Chloride	ND	ND	ND	ND
541-73-1	1,3-Dichlorobenzene	ND	ND	ND	ND
106-46-7	1,4-Dichlorobenzene	ND	ND	ND	ND
95-50-1	1,2-Dichlorobenzene	ND	ND	ND	ND
5989-27-5	d-Limonene	0.68	ND	ND	ND
96-12-8	1,2-Dibromo-3-chloropropane	ND	ND	ND	ND
120-82-1	1,2,4-Trichlorobenzene	ND	ND	ND	ND
91-20-3	Naphthalene	ND	ND	ND	ND
87-68-3	Hexachlorobutadiene	ND	ND	ND	ND

Aug

	Compound	Site 1 µg/m <sup>3</sup>	Site 2 µg/m <sup>3</sup>	Site 3 µg/m <sup>3</sup>	Site 4 µg/m <sup>3</sup>
115-07-1	Propene	1.5	ND	1.9	2.5
75-71-8	Dichlorodifluoromethane (CFC 12)	2.4	2.3	2.2	2.2
74-87-3	Chloromethane	ND	ND	ND	ND
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	ND	ND	ND
75-01-4	Vinyl Chloride	ND	ND	ND	ND
106-99-0	1,3-Butadiene	ND	ND	ND	ND
74-83-9	Bromomethane	ND	ND	ND	ND
75-00-3	Chloroethane	ND	ND	ND	ND
64-17-5	Ethanol	ND	8.2	ND	12
75-05-8	Acetonitrile	ND	ND	ND	ND
107-02-8	Acrolein	1.7	2.5	2.7	7.5
67-64-1	Acetone	19	13	36	35
75-69-4	Trichlorofluoromethane	1.2	1.2	1.1	1.1
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	ND	1.7	3.0
107-13-1	Acrylonitrile	ND	ND	ND	ND
75-35-4	1,1-Dichloroethene	ND	ND	ND	ND
75-09-2	Methylene Chloride	ND	ND	ND	ND
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	ND	ND	ND
76-13-1	Trichlorotrifluoroethane	ND	ND	ND	ND
75-15-0	Carbon Disulfide	ND	ND	ND	ND
156-60-5	trans-1,2-Dichloroethene	ND	ND	ND	ND
75-34-3	1,1-Dichloroethane	ND	ND	ND	ND
1634-04-4	Methyl tert-Butyl Ether	ND	ND	ND	ND
108-05-4	Vinyl Acetate	ND	ND	ND	ND
78-93-3	2-Butanone (MEK)	2.8	2.3	7.0	9.2

156-59-2	cis-1,2-Dichloroethene	ND	ND	ND	ND
141-78-6	Ethyl Acetate	ND	ND	ND	ND
110-54-3	n-Hexane	ND	ND	ND	ND
67-66-3	Chloroform	ND	ND	ND	ND
109-99-9	Tetrahydrofuran (THF)	ND	ND	ND	ND
107-06-2	1,2-Dichloroethane	ND	ND	ND	ND
71-55-6	1,1,1-Trichloroethane	ND	ND	ND	ND
71-43-2	Benzene	ND	ND	ND	ND
56-23-5	Carbon Tetrachloride	ND	ND	ND	ND
110-82-7	Cyclohexane	ND	ND	ND	ND
78-87-5	1,2-Dichloropropane	ND	ND	ND	ND
75-27-4	Bromodichloromethane	ND	ND	ND	ND
79-01-6	Trichloroethene	ND	ND	ND	ND
123-91-1	1,4-Dioxane	ND	ND	ND	ND
80-62-6	Methyl Methacrylate	ND	ND	ND	ND
142-82-5	n-Heptane	ND	ND	ND	ND
10061-01-5	cis-1,3-Dichloropropene	ND	ND	ND	ND
108-10-1	4-Methyl-2-pentanone	ND	ND	ND	<b>0.94</b>
10061-02-6	trans-1,3-Dichloropropene	ND	ND	ND	ND
79-00-5	1,1,2-Trichloroethane	ND	ND	ND	ND
108-88-3	Toluene	ND	<b>0.83</b>	<b>0.80</b>	<b>0.88</b>
591-78-6	2-Hexanone	ND	ND	<b>1.3</b>	<b>3.3</b>
124-48-1	Dibromochloromethane	ND	ND	ND	ND
106-93-4	1,2-Dibromoethane	ND	ND	ND	ND
123-86-4	n-Butyl Acetate	ND	ND	ND	ND
111-65-9	n-Octane	ND	ND	ND	ND
127-18-4	Tetrachloroethene	ND	ND	ND	ND
108-90-7	Chlorobenzene	ND	ND	ND	ND
100-41-4	Ethylbenzene	ND	ND	ND	ND
179601-23-1	m,p-Xylenes	ND	ND	ND	ND

75-25-2	Bromoform	ND	ND	ND	ND
100-42-5	Styrene	ND	ND	ND	ND
95-47-6	o-Xylene	ND	ND	ND	ND
111-84-2	n-Nonane	ND	ND	ND	ND
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND
98-82-8	Cumene	ND	ND	ND	ND
80-56-8	alpha-Pinene	ND	1.5	ND	2.4
103-65-1	n-Propylbenzene	ND	ND	ND	ND
622-96-8	4-Ethyltoluene	ND	ND	ND	ND
108-67-8	1,3,5-Trimethylbenzene	ND	ND	ND	ND
95-63-6	1,2,4-Trimethylbenzene	ND	ND	ND	ND
100-44-7	Benzyl Chloride	ND	ND	ND	ND
541-73-1	1,3-Dichlorobenzene	ND	ND	ND	ND
106-46-7	1,4-Dichlorobenzene	ND	ND	ND	ND
95-50-1	1,2-Dichlorobenzene	ND	ND	ND	ND
5989-27-5	d-Limonene	0.90	1.4	ND	9.9
96-12-8	1,2-Dibromo-3-chloropropane	ND	ND	ND	ND
120-82-1	1,2,4-Trichlorobenzene	ND	ND	ND	ND
91-20-3	Naphthalene	ND	ND	ND	ND
87-68-3	Hexachlorobutadiene	ND	ND	ND	ND

Dec	Compound	Site 1 µg/m <sup>3</sup>	Site 2 µg/m <sup>3</sup>	Site 3 µg/m <sup>3</sup>	Site 4 µg/m <sup>3</sup>
115-07-1	Propene	ND	5.9	ND	ND
75-71-8	Dichlorodifluoromethane (CFC 12)	2.3	2.3	2.4	3.0
74-87-3	Chloromethane	ND	ND	ND	ND
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	ND	ND	ND
75-01-4	Vinyl Chloride	ND	ND	ND	ND
106-99-0	1,3-Butadiene	ND	ND	ND	ND
74-83-9	Bromomethane	ND	ND	ND	ND
75-00-3	Chloroethane	ND	ND	ND	ND
64-17-5	Ethanol	ND	ND	ND	ND
75-05-8	Acetonitrile	ND	ND	ND	ND
107-02-8	Acrolein	ND	ND	ND	ND
67-64-1	Acetone	ND	ND	ND	ND
75-69-4	Trichlorofluoromethane	1.3	1.3	1.2	1.6
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	ND	ND	ND
107-13-1	Acrylonitrile	ND	ND	ND	ND
75-35-4	1,1-Dichloroethene	ND	ND	ND	ND
75-09-2	Methylene Chloride	ND	ND	ND	ND
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	ND	ND	ND
76-13-1	Trichlorotrifluoroethane	ND	ND	ND	ND
75-15-0	Carbon Disulfide	ND	ND	ND	ND
156-60-5	trans-1,2-Dichloroethene	ND	ND	ND	ND
75-34-3	1,1-Dichloroethane	ND	ND	ND	ND
1634-04-4	Methyl tert-Butyl Ether	ND	ND	ND	ND
108-05-4	Vinyl Acetate	ND	ND	ND	ND
78-93-3	2-Butanone (MEK)	ND	ND	ND	ND

156-59-2	cis-1,2-Dichloroethene	ND	ND	ND	ND
141-78-6	Ethyl Acetate	ND	ND	ND	ND
110-54-3	n-Hexane	ND	ND	ND	ND
67-66-3	Chloroform	ND	ND	ND	ND
109-99-9	Tetrahydrofuran (THF)	ND	ND	ND	ND
107-06-2	1,2-Dichloroethane	ND	ND	ND	ND
71-55-6	1,1,1-Trichloroethane	ND	ND	ND	ND
71-43-2	Benzene	ND	ND	ND	ND
56-23-5	Carbon Tetrachloride	ND	ND	ND	ND
110-82-7	Cyclohexane	ND	ND	ND	ND
78-87-5	1,2-Dichloropropane	ND	ND	ND	ND
75-27-4	Bromodichloromethane	ND	ND	ND	ND
79-01-6	Trichloroethene	ND	ND	ND	ND
123-91-1	1,4-Dioxane	ND	ND	ND	ND
80-62-6	Methyl Methacrylate	ND	ND	ND	ND
142-82-5	n-Heptane	ND	ND	ND	ND
10061-01-5	cis-1,3-Dichloropropene	ND	ND	ND	ND
108-10-1	4-Methyl-2-pentanone	ND	0.87	ND	ND
10061-02-6	trans-1,3-Dichloropropene	ND	ND	ND	ND
79-00-5	1,1,2-Trichloroethane	ND	ND	ND	ND
108-88-3	Toluene	ND	ND	ND	ND
591-78-6	2-Hexanone	ND	ND	ND	ND
124-48-1	Dibromochloromethane	ND	ND	ND	ND
106-93-4	1,2-Dibromoethane	ND	ND	ND	ND
123-86-4	n-Butyl Acetate	ND	ND	ND	ND
111-65-9	n-Octane	ND	ND	ND	ND
127-18-4	Tetrachloroethene	ND	ND	ND	ND
108-90-7	Chlorobenzene	ND	ND	ND	ND
100-41-4	Ethylbenzene	ND	ND	ND	ND
179601-23-1	m,p-Xylenes	ND	ND	ND	ND

75-25-2	Bromoform	ND	ND	ND	ND
100-42-5	Styrene	ND	ND	ND	ND
95-47-6	o-Xylene	ND	ND	ND	ND
111-84-2	n-Nonane	ND	ND	ND	ND
79-34-5	1,1,2,2-Tetrachloroethane	ND	ND	ND	ND
98-82-8	Cumene	ND	ND	ND	ND
80-56-8	alpha-Pinene	ND	ND	ND	ND
103-65-1	n-Propylbenzene	ND	ND	ND	ND
622-96-8	4-Ethyltoluene	ND	ND	ND	ND
108-67-8	1,3,5-Trimethylbenzene	ND	ND	ND	ND
95-63-6	1,2,4-Trimethylbenzene	ND	ND	ND	ND
100-44-7	Benzyl Chloride	ND	ND	ND	ND
541-73-1	1,3-Dichlorobenzene	ND	ND	ND	ND
106-46-7	1,4-Dichlorobenzene	ND	ND	ND	ND
95-50-1	1,2-Dichlorobenzene	ND	ND	ND	ND
5989-27-5	d-Limonene	ND	ND	ND	ND
96-12-8	1,2-Dibromo-3-chloropropane	ND	ND	ND	ND
120-82-1	1,2,4-Trichlorobenzene	ND	ND	ND	ND
91-20-3	Naphthalene	ND	ND	ND	ND
87-68-3	Hexachlorobutadiene	ND	ND	ND	ND