

**APPENDIX F**  
**Air Quality**

**Table 1**  
**Air Toxins Emissions Profile**



Industry City Rezoning - Industrial Source Analysis Emissions Profile

Use Group	Representative Processes Included	CAS No. Pollutant	Emissions (BT)			Emissions (AN)				
			TSP		SO <sub>2</sub>	PM <sub>10</sub>				
			99th Percentile	Max		99th Percentile	Max	ADC		
Monument works, with no limitation on processing	Monument works, with no limitation on processing	W075-00-0 PARTICULATES	0.02	0.02	150	24,9424	20	—		
Plastic, raw	Plastic, raw	0050-00-0 FORMALDEHYDE	0.06	0.06	30	123.6	123.6	0.06		
		0064-17-0 ETHANOL	0.73	0.8	—	14377.6	1700	45,000		
		0064-18-0 ACETIC ACID	1.00E-03	1.00E-03	1,700	6.24	6.24	60		
		0067-50-1 METHANOL	0.02	0.02	98,000	42	42	4,000		
		0074-83-0 ISOPROPYL ALCOHOL	8.29	15.14	98,000	909.52	2096	7,000		
		0067-64-1 ACETONE	5.69	6.35	180,000	6312	8300	30,000		
		0071-28-8 PROPANOL	1.00E-03	1.00E-03	—	1.00	1.00	100		
		0025-01-4 VINYL CHLORIDE	0.02	0.02	180,000	91.175	98	0.11		
		0075-09-2 DICHLOROMETHANE	0.01	0.01	14,000	58	58	60		
		0078-83-3 METHYL ETHYL KETONE	6.09	6.47	—	933.2	1058	360		
		0080-68-7 BUTYL BENZYL METHYLAMINE	4.59	5.52	13,000	8636	10400	5,000		
		0021-20-3 NAPHTHALENE	0.47	0.47	—	1590	1590	0.42		
		0030-47-4 ETHYLENE	0.82	0.82	7,900	624	624	3.00		
		0030-47-4 ETHYLENE	1.00E-03	1.00E-03	—	4.80	4.80	1.00		
		0030-47-4 ETHYLENE	0.02	0.02	17,000	443.5	650	1,000		
		0037-23-2 ACRYLONITRILE	0.02	0.02	—	33	33	0.02		
		0037-23-2 ACRYLONITRILE	1.00E-03	1.00E-03	—	6.24	6.24	—		
		0038-20-1 METHYL ISOBUTYL KETONE	4.90	5.52	31,000	9224	10400	17,000		
		0038-20-1 TOLUENE	7.25	8.64	27,000	10234.83	12424	6,000		
		0038-90-2 PHENOL	1.00E-03	1.00E-03	1,800	4.80	4.80	20		
		0039-09-0 TETRAPHORFURAN	0.02	0.02	30,000	52.8	52.8	100		
		0039-09-0 TETRAPHORFURAN	1.00E-03	1.00E-03	—	6.24	6.24	1,000		
		0037-83-7 DIETHYL PHTHALATE	0.28	0.28	—	3030	3030	0.42		
		0033-39-0 HYDROQUINONE	1.00E-03	1.00E-03	—	0.01	0.01	2.40		
		0013-86-4 BUTYL ACETATE	1.82	1.96	95,000	2275	2460	17,000		
		0013-86-4 BUTYL ACETATE	1.00E-03	1.00E-03	1,500	2.80	2.80	—		
		0041-78-6 ETHYL ACETATE	0.62	0.67	—	2951.72	3216	1,400		
		0042-82-5 N-HEPTANE	0.60	0.60	310,000	2400	2400	1,900		
		0030-08-0 CARBON MONOXIDE	1.80	3.14	40,000	964.56	1348	—		
		0030-08-0 CARBON MONOXIDE	2.88E-03	3.00E-03	200	3.79	3.96	—		
		0030-25-7 LEAD OXIDE	1.00E-03	1.00E-03	—	1.60	1.60	—		
		0049-01-1 LEAD	1.00E-03	1.00E-03	—	1.76	1.76	0.04		
		0049-01-1 LEAD	1.00E-03	1.00E-03	20	1.76	1.76	0.04		
		0046-09-5 SULFUR DIOXIDE	0.17	1.00	195	299.4392	800	1.34		
		0046-09-5 SULFUR DIOXIDE	1.00E-03	1.00E-03	1,200	0.50	0.50	20		
		0046-09-5 SULFUR DIOXIDE	4.87	4.87	300	9.95	9.95	1.00		
		0064-41-7 AMMONIA	4.84	0.98	2,400	4222.4	4900	100		
		0064-41-7 AMMONIA	1.00E-03	1.00E-03	120	2.00	2.00	1.00		
		0030-30-6 NAPHTHA	2.05	2.20	—	2537.5	2750	900		
		0062-21-2 POLYVINYL CHLORIDE	1.00E-03	1.00E-03	—	0.20	0.20	2.40		
		0032-44-0 TITANIUM DIOXIDE	0.01	0.01	188	0.2	0.2	100		
		01115-74-5 CHROMIC ACID	0.70	0.75	—	148.905	160	4,50E-05		
		W075-00-0 PARTICULATES	1.13	7.80	150	5335.04	16000	—		
		Perovlan products, including bathroom or kitchen equipment or similar products	Perovlan products, including bathroom or kitchen equipment or similar products	W075-00-0 PARTICULATES	0.04	0.05	150	78.864	96	—
		Rubber, natural or synthetic, including tires, tubes, or similar products	Rubber, natural or synthetic, including tires, tubes, or similar products	0050-00-0 FORMALDEHYDE	0.47	0.50	30	1.56	1.60	0.06
0056-81-5 GLYCERIN	0.13			0.13	—	66	66	240		
0057-10-5 CHLORINE	0.03			0.04	300	55.9565	59.2	1.50		
0064-18-0 ACETIC ACID	1.00E-03			1.00E-03	1,000	0.40	0.40	22		
0064-17-0 ETHANOL	1.00E-03			1.00E-03	3,700	0.40	0.40	60		
0067-50-1 METHANOL	0.47			0.50	98,000	465.28	500	4,000		
0067-64-1 ACETONE	0.01			0.01	98,000	4.00	4.00	7,000		
0074-83-0 ISOPROPYL ALCOHOL	1.00E-03			1.00E-03	1,000	0.15	0.15	800		
0075-09-2 DICHLOROMETHANE	0.01			0.01	—	4.00	4.00	60		
0078-83-3 METHYL ETHYL KETONE	2.00E-03			2.00E-03	18	0.50	0.50	0.02		
0080-68-7 BUTYL BENZYL METHYLAMINE	0.05			0.05	2,800	200	200	—		
0021-20-3 NAPHTHALENE	1.00E-03			1.00E-03	13,000	0.80	0.80	1,000		
0030-47-4 ETHYLENE	0.97			1.08	17,000	1516.2	1700	4,000		
0030-47-4 ETHYLENE	2.47			2.47	—	1976	1976	700		
0030-47-4 ETHYLENE	0.05			0.05	14,000	60	60	1,000		
0037-23-2 ACRYLONITRILE	22.41			22.41	—	98.6	98.6	31,000		
0039-09-0 TETRAPHORFURAN	1.00E-03			1.00E-03	180	1.42	1.42	100		
0039-09-0 TETRAPHORFURAN	1.12			1.12	40,000	2688	2688	—		
0033-39-0 HYDROQUINONE	0.03			0.05	200	49.88	72	—		
0033-39-0 HYDROQUINONE	1.00E-03			1.00E-03	0.20	1.40	1.40	5,50E-03		
0034-13-2 ZINC OXIDE	0.02			0.02	—	8.30	8.30	5,50E-03		
0030-25-7 LEAD OXIDE	0.02			0.02	12,000	46.1	46.1	—		
0030-25-7 LEAD OXIDE	5.65E-03			6.00E-03	—	3.73	4.00	0.04		
0049-01-1 LEAD	2.00E-03			2.00E-03	—	4.00	4.00	0.04		
0049-01-1 LEAD	1.00E-03			1.00E-03	—	0.88	0.88	0.24		
0049-01-1 LEAD	1.00E-03			1.00E-03	20	0.88	0.88	0.24		
0040-51-5 TIN	1.00E-03			1.00E-03	—	1.00E-03	1.00E-03	2,40E-04		
0040-51-5 TIN	1.00E-03			1.00E-03	—	1.32	1.32	45		
0046-09-5 SULFUR DIOXIDE	0.30			0.30	196	301.75	301	80		
0046-09-5 SULFUR DIOXIDE	1.14			1.90	1,100	1302.3	1900	20		
0046-09-5 SULFUR DIOXIDE	1.00E-03			1.00E-03	—	1.32	1.32	45		
0046-09-5 SULFUR DIOXIDE	0.30			0.30	196	301.75	301	80		
0046-09-5 SULFUR DIOXIDE	1.00E-03			1.00E-03	300	1.60	1.60	10		
0064-41-7 AMMONIA	0.01			0.01	1,400	1.60	1.60	1.00		
0064-41-7 AMMONIA	8.66			12.03	2,400	4329.808	6013	100		
0064-41-7 AMMONIA	0.01			0.01	120	30.74	31	1.00		
0067-37-2 NITRIC ACID	0.07			0.07	86	24.8076	27.2	12		
0067-37-2 NITRIC ACID	5.00E-03			5.00E-03	130	3.20	3.20	140		
0072-74-7 BARIUM SULFATE	1.00E-03			1.00E-03	—	0.02	0.02	12		
0078-83-3 METHYL ETHYL KETONE	1.69			1.31	—	4.10	6.05	2.00		
0080-68-7 BUTYL BENZYL METHYLAMINE	0.00E-03			0.00E-03	—	1.20	1.20	900		
0030-30-6 NAPHTHA	1.00			1.00	—	1.00	1.00	900		
0030-30-6 NAPHTHA	0.34			0.39	180	335.2088	350	1,000		
01115-74-5 CHROMIC ACID	—			—	—	8.25	8.80	—		
W075-00-0 PARTICULATES	0.28			0.30	150	145.392	156	4,50E-05		
W075-00-0 PARTICULATES	0.03	0.76	150	240.86	2388	—				
Soap or detergent	Soap or detergent	0064-17-0 ETHANOL	1.00E-03	1.00E-03	—	1.50	1.50	45,000		
		0015-90-8 POTASSIUM CYANIDE	1.00E-03	1.00E-03	380	1.60	1.60	3.50		
		0030-10-1 ZINC STEARATE	1.00E-03	1.00E-03	—	1.20	1.20	24		
		0030-08-0 CARBON MONOXIDE	2.00E-03	2.00E-03	14,000	3.20	3.20	—		
		0030-10-1 ZINC STEARATE	0.04	0.04	—	0.13	0.13	2,70E-04		
		0030-73-2 SODIUM HYDROXIDE	1.00E-03	1.00E-03	200	2.00	2.00	—		
		0042-88-0 LEAD STEARATE	1.00E-03	1.00E-03	—	0.60	0.60	0.09		
		0046-09-5 SULFUR DIOXIDE	4.78E-03	5.00E-03	196	9.41	9.41	80		
		0047-01-0 HYDROGEN CHLORIDE	0.01	0.01	2,100	0.64	0.64	20		
		0064-41-7 AMMONIA	1.00E-03	1.00E-03	4,400	1.60	1.60	100		
		0064-41-7 AMMONIA	3.00E-03	3.00E-03	120	3.00E-03	3.00E-03	1.00		
		0067-37-2 NITRIC ACID	1.00E-03	1.00E-03	86	2.00	2.00	12		
		W075-00-0 PARTICULATES	4.62	68.8	150	1056.7595	1045.903	—		
		Steel, structural products, including bars, girders, rails, wire rope, or similar products	Steel, structural products, including bars, girders, rails, wire rope, or similar products	0050-00-0 FORMALDEHYDE	0.16	0.16	30	206	206	0.16
				0056-81-5 GLYCERIN	0.17	0.17	—	712	712	240
0067-50-1 METHANOL	1.00			1.00	98,000	3.00	3.00	4,000		
0067-64-1 ACETONE	0.76			0.82	98,000	129.66	220	7,000		
0074-83-0 ISOPROPYL ALCOHOL	1.20			1.26	180,000	1576	1576	30,000		
0075-09-2 DICHLOROMETHANE	1.50			1.60	—	394.6532	890	1,000		
0078-83-3 METHYL ETHYL KETONE	5.65E-03			6.00E-03	—	9.97	9.60	1,000		
0078-83-3 METHYL ETHYL KETONE	1.00E-03			1.00E-03	—	1.40	1.40	2,000		
0079-24-7 FORMALDEHYDE	0.25			0.25	—	676	676	41		
0078-83-3 METHYL ETHYL KETONE	1.56			4.32	—	5201.28	6048	860		
0079-24-7 FORMALDEHYDE	1.85			1.10	13,000	1587	1762	1,000		
0079-01-6 TRICHLOROETHYLENE	4.95			5.28	20	7421.6	7920	0.20		
0079-20-3 NAPHTHALENE	1.00			1.00	7,900	2.00	2.00	1.00		
0078-83-3 METHYL ETHYL KETONE	0.09			0.09	31,000	17.6	17.6	1,000		
0038-20-1 METHYL ISOBUTYL KETONE	3.13			6.48	97,000	4261.6	7700	10,000		
0038-20-1 TOLUENE	16.5278			15.6	170	2244.46	2490	200		
0011-44-6 GLYCOL ETHERS	1.05			1.14	14,000	176.8	1824	1,000		
0011-44-6 GLYCOL ETHERS	0.62			0.65	370	968.32	1040	300		
0011-44-6 GLYCOL ETHERS	0.65			0.65	2,800	1040	1040	7.00		
0013-86-4 BUTYL ACETATE	1.63			1.80	95,000	2386	2520	17,000		
0013-86-4 BUTYL ACETATE	2.00			2.00	300	400	400	4.00		
0013-86-4 BUTYL ACETATE	0.76			0.81	—	128.72	1296	3,400		
0043-39-0 SODIUM CYANIDE	0.05			0.05	—	80	80	1.50		
0040-51-5 TIN	0.12			0.12	—	192	192	2,300		
0030-08-0 CARBON MONOXIDE	5.55			12.08	40,000	348.768	7500	—		
0030-08-0 CARBON MONOXIDE	0.15			0.20	200	288.4	640	—		
0030-25-7 LEAD OXIDE	13.7047			33.55	27,000	1849.888	3497.4	100		
0030-25-7 LEAD OXIDE	1.00E-03			1.00E-03	—	0.04	0.04	0.04		
0067-30-9 ETHYLENEGLYCOL MONOPROPYL ETHER	0.29			0.30	100	470.8021	506	200		

Industry City Rezoning - Industrial Source Analysis Emissions Profile

Use Group	Representative Processes Included	CAS No. Pollutant	Emissions (BTU)			Emissions (AN)		
			99th Percentile		SOC	99th Percentile		ADC
			99th Percentile	Max		99th Percentile	Max	
<b>Current and Past Industry City Use Group 16-17 Tenants</b>								
<b>Advertising Displays</b>								
	00050-00-0: FORMALDEHYDE	1.00E-03	1.00E-01	30	1.22	1.22	0.06	
	00064-17-0: ETHANOL	3.00E-03	3.00E-01	—	17.962	17.962	45.000	
	00067-56-1: METHANOL	2.00E-03	2.00E-01	30,000	16.732	16.732	4.000	
	00067-63-0: ISOPROPYL ALCOHOL	0.02	0.02	100,000	112.739	112.739	7.000	
	00067-64-1: ACETONE	0.01	0.01	100,000	87.847	87.847	30.000	
	00071-36-3: BUTYL ALCOHOL, N-	6.00E-03	6.00E-01	—	42.38	42.38	1.500	
	00084-34-2: CRYLITR PHALATE	4.00E-03	4.00E-01	—	30.876	30.876	11	
	00100-41-4: ETHYL BENZENE	1.00E-03	1.00E-01	—	4.89	4.89	1.000	
	00107-98-2: PROPYLENE GLYCOL METHYL ET	0.07	0.07	36,600	530.361	530.361	2.000	
	00108-88-3: TOLUENE	0.04	0.04	37,000	306.508	306.508	5.000	
	00113-07-2: BUTYRPHENYL ACETATE	1.00E-03	1.00E-01	—	4.18	4.18	3.00	
	00133-86-4: BUTYL ACETATE	0.06	0.06	35,000	440.34	440.34	27.000	
	00141-28-6: ETHYL ACETATE	3.00E-03	3.00E-01	—	19.253	19.253	5.400	
	00158-63-7: MARK ACETATE, N	0.01	0.01	50,000	61.705	61.705	6.00	
	01130-20-7: XYLENE/MBP MIXT.	3.00E-03	3.00E-01	22,000	20.916	20.916	100	
	01131-20-7: XYLENE (L&H)	8.00E-03	8.00E-01	—	58.118	58.118	4.80	
	13463-07-7: TITANIUM DIOXIDE	0.02	0.02	—	152.07	152.07	24	
	14807-96-6: Talc	8.00E-03	8.00E-01	—	57.412	57.412	4.80	
	84742-89-8: NAPHTHA LIGHT ALIPHATIC	0.15	0.15	—	104.168	104.168	3.200	
<b>Asphalt or other tactile products from tars/ores or other materials, including hot bodies or similar products</b>								
	N1075-00-0: PARTICULATES	0.15	0.17	150	292.414	340	—	
	N1078-00-0: TOTAL ORGANIC SOLVE	0.61	0.61	—	8.30	8.30	—	
<b>Carpentry, custom woodworking or custom furniture making shops</b>								
	00064-17-0: ETHANOL	1.15	1.15	—	400	400	45.000	
	00067-63-0: ISOPROPYL ALCOHOL	0.73	0.73	98,000	1093.95	1125	7.000	
	00067-64-1: ACETONE	0.76	0.76	100,000	1287.6829	1314	30.000	
	00078-93-3: METHYL ETHYL KETONE	1.65	1.71	13,000	2131.15	2275	5.000	
	00107-98-2: PROPYLENE GLYCOL METHYL ET	0.06	0.06	36,800	54	54	2.000	
	00108-20-1: METHYL ISOBUTYL KETONE	0.66	0.66	35,000	365	365	5.000	
	00108-88-3: TOLUENE	3.70	1.70	37,000	2550	2550	5.000	
	00111-26-2: ETHYLENEGLYCOLMONOLUT	0.18	0.18	24,000	16	16	4.000	
	00133-86-4: BUTYL ACETATE	1.88	1.90	95,000	1880.7	2000	17.000	
	01130-20-7: XYLENE/MBP MIXT.	3.66	3.66	23,000	2650	2650	100	
	07733-28-5: WATER MIST	20	20	—	300	300	—	
	84909-94-8: PROPYLENE GLYCOL METHYL ETHER	0.03	0.03	91,000	7.00	7.00	5.400	
	84742-89-8: NAPHTHA LIGHT ALIPHATIC	3.93	3.93	—	7860	7860	3.200	
	N1075-00-0: PARTICULATES	0.05	0.05	150	72.38	77	—	
	N1090-00-0: MERCAPTAN/OLEFINS	2.11	2.27	—	3943.15	4540	—	
<b>Cosmetics or toiletries</b>								
	00067-64-1: ACETONE	2.00E-03	2.00E-01	100,000	1.20	1.20	30.000	
	00108-88-3: TOLUENE	1.89	1.89	37,000	3267	3267	5.000	
	N1075-00-0: PARTICULATES	8.00E-03	9.00E-01	150	11.281	11.281	—	
<b>Electrical appliances, including lighting fixtures, irons, fans, toasters, electric toys, or similar appliances</b>								
	N1075-00-0: PARTICULATES	0.11	0.11	150	14	14	—	
<b>Leather products, including shoes, machine belting, or similar products</b>								
	00064-17-0: ETHANOL	1.00	1.00	—	400	400	45.000	
	00108-88-3: TOLUENE	1.00	1.00	37,000	400	400	5.000	
	N1075-00-0: PARTICULATES	0.03	0.03	150	20	20	—	
<b>Paper products, including envelopes, stationery, bags, boxes, shipping containers, bulk goods, tubes, wallpaper printing, or similar products</b>								
	N1075-00-0: PARTICULATES	1.00E-03	1.00E-01	150	20.2	20.2	—	
<b>Medical instruments, including planes or organs</b>								
		—	—	—	—	—	—	
<b>Printing or publishing, with no limitation on floor area</b>								
	00100-51-6: BENZYL ALCOHOL	0.06	0.06	1,300	51.88	51.88	300	
	00108-94-1: CYCLOHEXONE	0.02	0.02	20,000	18.8	18.8	180	
	00113-07-2: BUTYRPHENYL ACETATE	6.00E-03	6.00E-01	—	4.72	4.72	310	
	00123-42-2: DIACETONE ALCOHOL	4.00E-03	4.00E-01	—	2.88	2.88	570	
	84742-89-8: NAPHTHA LIGHT AROMATIC	0.04	0.04	—	30.4	30.4	100	
	N1075-00-0: PARTICULATES	0.02	0.02	150	20	20	—	
<b>Wood products, including furniture, boxes, crates, baskets, pencils, cooperage works, or similar products</b>								
	00067-56-1: METHANOL	0.39	0.39	33,000	312	312	4.000	
	00067-63-0: ISOPROPYL ALCOHOL	0.96	0.96	98,000	1200	1200	7.000	
	00067-64-1: ACETONE	0.98	0.98	100,000	1225	1225	30.000	
	00071-36-3: BUTYL ALCOHOL, N-	0.66	0.66	—	1056	1056	1.500	
	00078-93-3: METHYL ETHYL KETONE	2.01	2.01	13,000	3216	3216	5.000	
	00100-41-4: ETHYL BENZENE	0.11	0.11	—	84	84	1.000	
	00108-20-1: METHYL ISOBUTYL KETONE	2.10	2.10	31,000	3360	3360	3.000	
	00108-88-3: TOLUENE	1.98	1.98	37,000	2475	2475	5.000	
	00133-86-4: BUTYL ACETATE	0.98	0.98	95,000	1225	1225	17.000	
	01130-20-7: XYLENE/MBP MIXT.	0.33	0.33	22,000	264	264	100	
	08032-34-4: ISOBORNE	0.11	0.11	—	84	84	900	
	84742-89-8: NAPHTHA LIGHT ALIPHATIC	0.22	0.22	—	176	176	3.200	
	N1075-00-0: PARTICULATES	0.28	0.33	150	46.4382	49.12	—	

**Table 2**  
**Air Toxins 1-Hour Concentrations**



Industry City - Industrial Source Analysis 1-Hour Concentrations

Use Group	CAS No./Pollutant	SGC	93rd Percentile	93rd Percentile	Unitary Concentrations											
					Emissions (ST)		Maximum Concentrations									
					(lb/hr)	(lb)	2	3	5	7	8	11	19	21	22	Gateway
Metal or metal products, treatment or processing, including enameling, plating, lacquering, galvanizing, or similar processes	0050-00-0: FORMALDEHYDE	30	0.006	7.56E-04	1.06	0.96	0.68	1.06	3.04	2.05	0.32	0.56	0.11	1.73	0.36	
	33000	0.185	0.023	3.25E-01	20.81	29.61	20.81	32.60	93.62	63.26	9.91	17.18	3.44	53.25	11.21	
	0007-63-0: ISOPROPYL ALCOHOL	98000	0.313	0.039	55.05	50.14	35.24	55.20	158.54	107.14	16.78	29.10	5.82	90.18	18.98	
	0007-64-1: ACETONE	180000	0.330	0.039	51.26	51.26	36.54	56.44	152.09	105.54	17.15	29.75	5.95	92.20	19.41	
	0007-36-3: BUTYL ALCOHOL, N-	---	0.080	0.010	14.07	12.82	9.01	14.11	40.52	27.38	4.29	7.44	1.49	23.05	4.85	
	0007-83-1: ISOBUTYL ALCOHOL	---	2.215	0.279	389.57	354.88	249.39	390.67	1122.05	758.27	118.74	205.94	41.21	638.22	134.35	
	0007-93-3: METHYL ETHYL KETONE	13000	3.895	0.491	684.99	623.98	438.50	686.93	1972.92	1333.27	208.78	362.10	72.46	1122.19	236.22	
	00108-10-1: METHYL ISOBUTYL KETONE	31000	0.700	0.088	123.10	112.14	78.81	123.45	354.57	239.61	37.52	65.08	13.02	201.68	42.45	
	00108-88-3: TOLUENE	37000	3.667	0.462	644.89	587.45	412.82	646.71	1857.41	1255.21	196.56	340.90	68.22	1056.49	222.39	
	00111-76-2: ETHYLENGLYCOLMONOBUTYL	14000	0.077	0.010	11.45	12.26	8.61	13.49	38.75	26.19	4.10	7.11	1.42	22.04	4.64	
	00112-34-5: BUTYL CARBITOL	370	0.080	0.010	14.07	12.82	9.01	14.11	40.52	27.38	4.29	7.44	1.49	23.05	4.85	
	00123-86-4: BUTYL ACETATE	95000	0.686	0.086	120.68	109.93	77.25	121.02	347.58	234.89	36.78	63.79	12.77	107.70	41.62	
	00124-38-9: CARBON DIOXIDE	---	0.075	0.009	13.19	12.01	8.44	13.23	37.99	25.67	4.02	6.97	1.40	21.61	4.55	
	01309-37-1: IRON OXIDE	---	0.245	0.031	43.09	39.25	27.58	43.21	124.10	83.86	13.13	22.78	4.56	70.59	14.86	
	01310-73-2: SODIUM HYDROXIDE	200	0.023	0.003	4.04	3.68	2.59	4.06	11.65	7.87	1.23	2.14	0.43	6.63	1.39	
	01330-20-7: XYLENE, M, O, P MIXT.	22000	0.399	0.050	70.12	63.87	44.89	70.32	201.96	136.48	21.37	37.07	7.42	114.88	24.18	
	07664-41-7: AMMONIA	2400	0.227	0.029	39.87	36.32	25.52	39.98	114.83	77.60	12.15	21.08	4.22	65.31	13.75	
	08032-32-4: LIGROINE	---	0.060	0.008	10.55	9.61	6.75	10.58	30.39	20.54	3.22	5.58	1.12	17.29	3.64	
	N7075-00-0: PARTICULATES	150	0.527	0.066	---	---	---	---	---	---	---	---	---	---	---	
	Metal casting or foundry products, heavy, including ornamental iron work, or similar products	0007-63-0: ISOPROPYL ALCOHOL	98000	0.897	0.113	157.75	143.70	100.98	158.20	454.35	307.05	48.08	83.39	16.69	258.44	54.40
		180000	0.021	0.001	28.88	26.31	18.49	28.96	83.19	56.22	8.80	15.27	3.06	47.33	9.96	
		0007-36-3: BUTYL ALCOHOL, N-	---	0.003	3.78E-04	0.53	0.48	0.34	0.53	1.52	1.03	0.16	0.28	0.06	0.86	0.18
		0007-15-6: METHYL CHLOROFORM	9000	8.070	1.017	1419.22	1292.81	908.51	1432.23	4087.66	2762.39	432.57	750.24	150.13	2325.05	489.43
		0007-83-1: ISOBUTYL ALCOHOL	---	0.001	0.126E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06
		0007-93-3: METHYL ETHYL KETONE	13000	0.959	0.121	168.59	153.57	107.92	169.06	485.57	328.14	51.38	89.12	17.83	276.19	58.14
00079-00-5: TRICHLOROETHANE, 1, 1, 2		---	0.067	0.530	89.67	93.47	66.81	89.67	268.46	181.42	28.41	49.27	9.86	152.70	32.14	
00108-10-1: METHYL ISOBUTYL KETONE		31000	4.400	0.580	808.98	736.92	517.87	811.26	2330.03	1574.60	246.57	427.65	85.58	1325.31	278.98	
00108-88-3: TOLUENE		37000	4.914	0.619	899.20	800.53	560.59	892.47	2581.97	1651.97	251.57	421.66	86.16	719.93	151.13	
00123-86-4: BUTYL ACETATE		95000	0.061	0.008	10.73	9.77	6.97	10.76	30.90	20.88	3.27	5.67	1.13	17.57	3.70	
0030-08-0: CARBON MONOXIDE		40000	0.004	4.78E-04	0.67	0.61	0.43	0.67	1.97	1.30	0.20	0.35	0.07	1.09	0.23	
01314-13-2: ZINC OXIDE		20000	0.005	0.002	0.58	0.54	0.38	0.58	1.72	1.10	0.20	0.35	0.07	1.09	0.23	
01330-20-7: XYLENE, M, O, P MIXT.		22000	1.447	0.182	254.47	231.81	162.90	255.19	732.94	495.31	77.66	134.52	26.92	416.89	87.76	
01344-28-1: ALUMINUM OXIDE		---	0.040	0.005	7.03	6.41	4.50	7.05	20.26	13.69	2.14	3.72	0.74	11.52	2.43	
07429-90-5: ALUMINUM		40000	0.050	0.006	8.79	8.01	5.63	8.82	25.33	17.12	2.88	4.65	0.93	14.41	3.03	
07446-00-5: SULFUR DIOXIDE		196	0.060	0.009	10.83	9.98	7.04	10.87	40.48	27.30	4.29	7.44	1.49	23.05	4.85	
08030-30-6: NAPHTHA		---	0.067	0.008	11.78	10.73	7.54	11.82	33.94	22.93	3.59	6.23	1.25	19.30	4.06	
10102-44-0: NITROGEN DIOXIDE		188	0.090	0.011	15.83	14.42	10.13	15.87	45.59	30.81	4.82	8.37	1.67	25.93	5.46	
N7075-00-0: PARTICULATES		150	0.556	0.070	---	---	---	---	---	---	---	---	---	---	---	
N7075-00-0: PARTICULATES		150	0.018	0.002	---	---	---	---	---	---	---	---	---	---	---	
Plastic, raw		0050-00-0: FORMALDEHYDE	30	0.062	0.008	10.90	9.93	6.98	10.93	31.40	21.22	3.32	5.76	1.15	17.86	3.76
		00664-17-5: ETHANOL	1.100	0.129	1.59E-01	159.95	146.75	98.275	159.95	4421.66	2888.10	467.91	811.54	162.40	2515.03	529.42
		00064-19-7: ACETIC ACID	3700	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06
		00067-56-1: METHANOL	33000	0.021	0.003	3.69	3.36	2.36	3.70	10.64	7.19	1.13	1.95	0.39	6.05	1.27
		0007-63-0: ISOPROPYL ALCOHOL	98000	0.252	0.045	41.88	38.50	27.36	41.88	124.06	82.71	12.81	22.14	4.46	34.88	7.44
	00067-64-1: ACETONE	180000	5.689	0.717	1000.53	911.41	640.49	1003.35	2881.72	1947.43	304.95	528.90	105.84	1639.12	345.04	
	00071-23-8: PROPANOL	---	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06	
	00075-01-0: VINYL CHLORIDE	180000	0.005	0.002	0.60	0.55	0.39	0.60	1.80	1.20	0.20	0.35	0.07	1.09	0.23	
	00075-09-7: DICHLOROMETHANE	14000	0.010	0.001	1.76	1.60	1.13	1.76	5.07	3.42	0.54	0.93	0.19	2.88	0.61	
	00078-83-1: ISOBUTYL ALCOHOL	---	0.693	0.768	1071.49	976.05	685.91	1074.51	3086.11	2085.55	326.58	566.42	113.35	1755.37	369.51	
	00078-93-3: METHYL ETHYL KETONE	13000	4.588	0.578	806.79	734.93	516.47	809.07	2323.74	1570.35	245.90	426.49	85.35	1321.74	278.23	
	00085-08-7: BUTYL BENZYL PHENYL	---	0.001	0.126E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06	
	00091-20-3: NAPHTHALENE	7900	0.815	0.103	143.33	130.56	91.75	143.73	412.82	278.98	43.69	75.77	15.16	234.81	49.43	
	0010-41-4: ETHYL BENZENE	---	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06	
	0010-40-2: STYRENE	17000	0.021	0.003	3.61	3.28	2.31	3.62	10.38	7.02	1.10	1.91	0.38	5.91	1.24	
	00107-13-1: ACRYLONITRILE	---	0.001	0.003	0.20	0.18	0.13	0.20	0.62	0.42	0.07	0.13	0.26	0.57	0.12	
	00107-92-6: O	---	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06	
	00108-10-1: METHYL ISOBUTYL KETONE	31000	4.898	0.617	861.45	784.72	551.46	863.89	2481.16	1676.74	262.56	455.39	91.13	1411.28	297.08	
	00108-88-3: TOLUENE	37000	7.254	0.914	1275.79	1162.15	816.69	1279.39	3674.54	2483.21	388.85	674.41	134.96	2090.07	439.96	
	00108-95-2: PHENOL	5800	0.003	0.001	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06	
	00109-99-9: TETRAHYDROFURAN	30000	0.015	0.002	2.64	2.40	1.69	2.60	7.60	5.13	0.80	1.39	0.28	4.32	0.91	
	00110-82-7: CYCLOHEXANE	---	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06	
	00111-81-0: DIETHYL PHTHALATE	---	0.283	0.036	49.77	45.34	31.86	49.91	143.35	96.87	15.17	26.31	5.26	81.54	17.16	
	00123-39-0: HYDROQUINONE	---	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06	
	00123-86-4: BUTYL ACETATE	95000	1.823	0.230	320.57	292.01	205.21	321.47	923.29	623.95	97.71	169.46	33.91	525.17	110.55	
00141-43-5: MONOETHANOLAMINE	1500	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06		
00141-78-6: ETHYL ACETATE	---	0.623	0.079	109.82	70.17	109.82	70.17	213.36	134.41	21.95	37.95	7.60	175.58	37.80		
00143-82-5: NAPHTHALENE	210000	0.600	0.076	105.82	96.12	67.55	105.82	303.82	205.38	30.16	53.26	11.16	172.87	36.39		
0030-08-0: CARBON MONOXIDE	40															



Industry City - Industrial Source Analysis 1-Hour Concentrations

Use Group	CAS No./Pollutant	SGC	Emissions (ST)		Unitary Concentrations											
			(lb/yr)		(µg/m <sup>3</sup> )											
			93rd Percentile	99th Percentile	2	3	5	7	8	9	11	19	21	22	Gateway	
Soaps or detergents	00064-17-5: ETHANOL	---	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06	
	00051-08-9: POTASSIUM CYANIDE	380	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06	
	00557-05-1: ZINC STEARATE	---	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06	
	00630-08-0: CARBON MONOXIDE	40000	0.002	2.52E-04	0.35	0.32	0.23	0.35	1.01	0.68	0.11	0.19	0.04	0.58	0.12	
	01306-19-9: CADMIUM OXIDE	---	0.042	0.005	7.39	6.73	4.73	7.41	21.27	14.38	2.25	3.90	0.78	12.10	2.55	
	01310-73-2: SODIUM HYDROXIDE	200	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06	
	07428-48-0: LEAD STEARATE	---	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06	
	07446-09-5: SULFUR DIOXIDE	196	0.005	5.95E-04	0.83	0.76	0.53	0.83	2.39	1.62	0.25	0.44	0.09	1.36	0.29	
	07647-01-6: HYDROGEN CHLORIDE	2100	0.010	0.001	1.76	1.60	1.13	1.76	5.07	3.42	0.54	0.93	0.19	2.88	0.61	
	07664-41-7: AMMONIA	2400	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06	
	07664-93-9: SULFURIC ACID	120	0.003	3.78E-04	0.53	0.48	0.34	0.53	1.52	1.03	0.16	0.28	0.06	0.86	0.18	
	07697-37-2: NITRIC ACID	86	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06	
	N7075-00-0: PARTICULATES	150	4.622	0.582												
	Steel, structural products, including bars, grids, rails, wire rope, or similar products															
	Advertising Displays	00050-00-0: FORMALDEHYDE	30	0.160	0.020	28.14	25.63	18.01	28.22	81.04	54.77	8.58	14.87	2.98	46.10	9.70
00054-81-5: GYLCIRIN		30	0.171	0.047	65.25	59.43	41.77	65.43	197.92	126.99	19.89	34.49	6.90	108.89	22.50	
00057-56-1: METHANOL		33000	1.000	0.126	180.786	160.20	112.58	180.786	566.53	342.30	53.60	92.97	18.50	288.11	60.65	
00067-63-0: ISOPROPYL ALCOHOL		98000	0.764	0.096	134.28	122.32	85.96	134.66	386.76	261.37	40.93	70.99	14.20	219.99	46.31	
00067-64-1: ACETONE		180000	1.260	0.159	221.59	201.85	141.85	222.21	638.22	431.30	67.54	117.14	23.44	363.02	76.42	
00071-36-3: BUTYL ALCOHOL, N-		---	3.496	0.440	614.83	560.07	393.59	615.07	1770.85	1196.72	187.40	325.02	65.04	1007.26	212.03	
00074-82-8: METHANE		---	0.006	0.000	0.99	0.91	0.64	0.99	2.96	1.90	0.33	0.53	0.10	1.43	0.30	
00074-97-5: CHLOROBROMOMETHANE		---	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06	
00075-12-7: FORMALDEHYDE		---	0.248	0.031	43.61	39.73	27.92	43.74	125.62	84.89	13.29	23.06	4.61	71.45	15.04	
00078-83-1: ISOBUTYL ALCOHOL		---	3.549	0.440	614.83	560.07	393.59	615.07	1770.85	1196.72	187.40	325.02	65.04	1007.26	212.03	
00078-93-3: METHYL ETHYL KETONE		13000	0.851	0.233	325.49	296.50	208.36	326.41	937.48	633.54	99.21	172.06	34.43	533.24	112.25	
00079-01-6: TRICHLOROETHYLENE		20	4.945	0.623	869.72	792.25	556.75	872.18	2504.97	1692.83	265.08	459.76	92.00	1424.82	299.93	
00091-20-1: NAPHTHALENE		7900	1.000	0.126	175.86	160.20	112.58	176.36	506.53	342.30	53.60	92.97	18.50	288.11	60.65	
00108-10-1: METHYL ISOBUTYL KETONE		31000	0.092	0.012	16.18	14.74	10.36	16.23	46.60	31.49	4.93	8.55	1.71	26.51	5.58	
00108-18-3: TOLUENE		37000	1.132	0.395	550.89	501.82	352.65	550.45	1586.68	1072.26	167.93	291.21	58.28	902.50	189.88	
00111-46-6: ETHYLENE GLYCOL		370	14.518	1.829	2533.16	2325.75	1634.40	2533.16	7353.63	4969.49	778.17	1349.67	270.08	4182.73	880.47	
00111-76-4: ETHYLENEGLYCOLMONOBUTYL ETHER		14000	1.046	0.132	183.87	167.49	117.70	184.39	529.57	357.88	56.04	97.20	19.45	301.22	63.41	
00121-34-5: BUTYL CARBITOL		370	0.055	0.006	106.43	96.95	68.13	106.73	305.55	207.16	32.41	56.26	11.26	174.36	36.70	
00121-44-8: TRIETHYLAMINE		2800	0.650	0.082	114.33	104.13	73.18	114.63	329.24	222.50	34.84	60.43	12.09	187.27	39.42	
00123-86-4: BUTYL ACETATE		95000	1.625	0.205	285.78	260.32	182.94	286.59	823.10	556.24	87.10	150.23	30.28	468.18	98.55	
00127-18-1: TETRACHLOROETHYLENE		300	2.000	0.252	351.73	320.40	225.16	352.72	1013.05	684.61	107.20	185.93	37.21	576.22	121.30	
00141-78-6: ETHYL ACETATE		156	0.005	0.006	123.96	122.02	85.75	124.23	360.73	240.17	37.82	70.81	14.17	214.45	46.20	
00143-33-9: SODIUM CYANIDE		380	0.050	0.006	8.79	8.01	5.63	8.82	25.33	17.12	2.68	4.65	0.93	14.41	3.03	
00540-88-5: BUTYL ACETATE, TERT-		---	0.120	0.015	21.10	19.22	13.51	21.16	60.78	41.08	6.43	11.16	2.23	34.57	7.28	
00630-08-0: CARBON MONOXIDE		40000	5.546	0.699	975.27	888.41	624.32	976.03	2808.99	1898.28	297.26	515.55	103.17	1597.75	336.33	
01310-73-2: SODIUM HYDROXIDE		200	0.153	0.019	26.60	24.24	17.03	26.68	76.63	51.78	8.11	14.06	2.81	43.59	9.17	
01330-20-7: XYLENE, M, O, P MIXT.		22000	13.705	1.727	2410.16	2195.49	1542.86	2416.97	6941.78	4691.17	734.60	1274.07	254.96	3948.47	831.16	
01335-25-7: LEAD OXIDE		---	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06	
02087-30-9: ETHYLENEGLYCOL MONOPROPYL ETHER		370	0.293	0.037	51.57	46.98	33.01	51.72	148.54	100.38	15.72	27.26	5.46	84.49	17.78	
07439-89-6: IRON		---	0.141	0.018	24.87	22.62	16.02	24.94	71.62	48.40	7.58	13.14	2.74	40.74	8.58	
07440-02-0: NICKEL		0.2	0.004	5.04E-04	0.70	0.64	0.45	0.71	2.03	1.37	0.21	0.37	0.07	1.15	0.24	
07440-44-4: CARBON		---	2.797	0.352	491.84	448.03	314.85	493.23	1416.59	957.31	149.91	260.00	52.03	805.75	169.61	
07446-09-5: SULFUR DIOXIDE		196	0.005	0.440	6.24E-04	0.87	0.79	0.56	0.87	2.51	1.69	0.44	0.39	1.43	0.30	
07664-38-2: PHOSPHORIC ACID		300	0.004	4.62E-04	0.67	0.61	0.42	0.67	1.97	1.30	0.20	0.35	0.07	1.09	0.23	
07664-41-7: AMMONIA		2400	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06	
08030-30-9: N-PROPYL ALCOHOL		---	27.779	3.500	4885.31	4450.18	3127.33	4899.11	14070.72	9508.81	1489.01	2582.50	516.79	8003.40	1684.73	
08032-32-4: LIGERINE		---	5.504	0.694	960.84	881.62	619.69	970.77	2798.15	1884.20	510.73	103.40	19.23	333.83	70.24	
11115-74-5: CHROMIUM		---	0.004	5.04E-04	0.70	0.64	0.45	0.71	2.03	1.37	0.21	0.37	0.07	1.15	0.24	
N7075-00-0: PARTICULATES		150	1.128	0.142												
Stone processing or stone products, including abrasives, asbestos, stone screenings, stone cutting, stone work, sand or lime products, or similar processing or products																
Apparel or other textile products from textiles or other materials, including hat bodies or similar products		00124-38-9: CARBON DIOXIDE	---	558.000	70.306	98132.16	89961.60	62819.55	98409.38	282644.11	191005.33	29909.97	51875.16	10380.86	160765.71	33841.50
		00630-08-0: CARBON MONOXIDE	40000	0.600	0.076	105.52	96.12	67.55	105.82	303.92	205.38	32.16	55.78	11.10	172.87	36.39
		N7075-00-0: PARTICULATES	150	22.600	3.772											
		00050-00-0: FORMALDEHYDE	30	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06
		00064-17-5: ETHANOL	---	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06
	00067-56-1: METHANOL	33000	0.002	2.52E-04	0.35	0.32	0.23	0.35	1.01	0.68	0.11	0.19	0.04	0.58	0.12	
	00067-63-0: ISOPROPYL ALCOHOL	98000	0.016	0.002	2.81	2.56	1.80	2.82	8.10	5.48	0.86	1.49	0.30	4.61	0.97	
	00067-64-1: ACETONE	180000	0.012	0.002	2.11	1.92	1.35	2.12	6.08	4.11	0.64	1.12	0.22	3.46	0.73	
	00071-36-3: BUTYL ALCOHOL, N-	---	3.496	0.440	614.83	560.07	393.59	615.07	1770.85	1196.72	187.40	325.02	65.04	1007.26	212.03	
	00074-82-8: METHANE	---	0.006	0.000	0.99	0.91	0.64	0.99	2.96	1.90	0.33	0.53	0.10	1.43	0.30	
	00074-97-5: CHLOROBROMOMETHANE	---	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06	
	00100-41-4: ETHYL BENZENE	---	0.001	1.26E-04	0.18	0.16	0.11	0.18	0.51	0.34	0.05	0.09	0.02	0.29	0.06	
	01017-98-3: PROPYLENE GLYCOL METHYL ET	36500	0.074	0.009	11.01	11.85	8.33	11.05	37.48	25.33	3.97	6.88	1.38	21.32	4.49	
	01018-88-3: TOLUENE	37000	0.045	0.006	6.89	6.84	4.84	7.18	21.78	14.72	2.30	4.00	0.80	12.39	2.61	
	00112-0															

**Table 3**  
**Air Toxins 24-Hour Concentrations**



Industry City - Industrial Source Analysis 24-Hour Concentrations

					Unitary Concentrations															
					279	285	180	392	1,041	536	76	70	15	479	108					
Use Group	CAS No./Pollutant	SGC	Emissions (ST)	Emissions (ST)	Maximum Concentrations															
			(lb/yr)	(lb/yr)	2	3	5	7	8	9	11	19	21	22	Gateway					
			93rd Percentile	93rd Percentile																
Metal or metal products, treatment or processing, including enameling, plating, lacquering, galvanizing, or similar processes	00050-00-0: FORMALDEHYDE	30	0.006	7.56E-04																
	00067-56-1: METHANOL	33000	0.185	0.023																
	00067-63-0: ISOPROPYL ALCOHOL	98000	0.313	0.039																
	00067-64-1: ACETONE	180000	0.320	0.040																
	00071-36-3: BUTYL ALCOHOL, N-	---	0.080	0.010																
	00078-83-1: ISOBUTYL ALCOHOL	---	2.215	0.279																
	00078-93-3: METHYL ETHYL KETONE	13000	3.895	0.491																
	00108-10-1: METHYL ISOBUTYL KETONE	31000	0.700	0.088																
	00108-88-3: TOLUENE	37000	3.667	0.462																
	00111-76-2: ETHYLENGLYCOLMONBUTYL	14000	0.077	0.010																
	00112-34-5: BUTYL CARBITOL	370	0.080	0.010																
	00123-86-4: BUTYL ACETATE	95000	0.086	0.008																
	00124-38-9: CARBON DIOXIDE	---	0.075	0.009																
	01309-37-1: IRON OXIDE	---	0.245	0.031																
	01310-73-2: SODIUM HYDROXIDE	200	0.023	0.003																
	01330-20-7: XYLENE, M, O, & P MIXT.	22000	0.399	0.050																
	07664-41-7: AMMONIA	2400	0.227	0.029																
	08032-32-4: LIGROINE	---	0.060	0.008																
	NV075-00-0: PARTICULATES	150	0.527	0.066		18.51	18.94	11.96	26.03	69.15	35.61	5.02	4.65	1.01	31.85	7.15				
	Metal casting or foundry products, heavy, including ornamental iron work, or similar products	00067-63-0: ISOPROPYL ALCOHOL	98000	0.897	0.113															
00071-36-3: BUTYL ALCOHOL, N-		---	0.003	3.78E-04																
00071-55-6: METHYL CHLOROFORM		9000	8.070	1.017																
00074-82-8: METHANE		---	0.001	1.26E-04																
00078-93-3: METHYL ETHYL KETONE		13000	0.959	0.121																
00079-00-5: TRICHLOROETHANE, 1, 1, 2		---	0.530	0.067																
00108-10-1: METHYL ISOBUTYL KETONE		31000	4.600	0.580																
00108-88-3: TOLUENE		37000	2.493	0.314																
00123-86-4: BUTYL ACETATE		95000	0.061	0.008																
00630-08-0: CARBON MONOXIDE		40000	0.004	4.78E-04																
01314-13-2: ZINC OXIDE		---	0.034	0.004																
01330-20-7: XYLENE, M, O, & P MIXT.		22000	1.447	0.182																
01344-28-1: ALUMINUM OXIDE		---	0.040	0.005																
07429-90-5: ALUMINIUM		---	0.050	0.006																
07446-09-5: SULFUR DIOXIDE		196	0.080	0.010																
08030-30-6: NAPHTHA		---	0.067	0.008																
10102-44-0: NITROGEN DIOXIDE		188	0.090	0.011																
NV075-00-0: PARTICULATES		150	0.356	0.070		19.50	19.95	12.60	27.43	72.86	37.52	5.29	4.90	1.06	33.56	7.53				
Monument works, with no limitation on processing		NV075-00-0: PARTICULATES	150	0.018	0.002		0.64	0.66	0.42	0.90	2.40	1.24	0.17	0.16	0.04	1.11	0.25			
Plastic, raw	00050-00-0: FORMALDEHYDE	30	0.062	0.008																
	00064-17-5: ETHANOL	---	8.729	1.100																
	00064-19-7: ACETIC ACID	3700	0.001	1.26E-04																
	00067-56-1: METHANOL	33000	0.021	0.003																
	00067-63-0: ISOPROPYL ALCOHOL	98000	8.252	1.045																
	00067-64-1: ACETONE	180000	5.689	0.717																
	00071-23-8: PROPANOL	---	0.001	1.26E-04																
	00075-01-4: VINYL CHLORIDE	180000	0.016	0.002																
	00075-09-2: DICHLOROMETHANE	14000	0.010	0.001																
	00078-83-1: ISOBUTYL ALCOHOL	---	6.093	0.768																
	00078-93-3: METHYL ETHYL KETONE	13000	4.588	0.578																
	00085-08-7: BUTYL BENZYL PHTHALA	---	0.470	0.059																
	00091-20-3: NAPHTHALENE	7900	0.815	0.103																
	00100-41-4: ETHYL BENZENE	---	0.001	1.26E-04																
	00100-42-2: STYRENE	17000	0.021	0.003																
	00107-13-1: ACRYLONITRILE	---	0.030	0.003																
	00107-92-6: O	---	0.001	1.26E-04																
	00108-10-1: METHYL ISOBUTYL KETONE	31000	4.898	0.617																
	00108-88-3: TOLUENE	37000	7.254	0.914																
	00108-95-2: PHENOL	580	0.001	1.26E-04																
00109-99-9: TETRAHYDROFURAN	30000	0.015	0.002																	
00110-82-7: CYCLOHEXANE	---	0.001	1.26E-04																	
00117-81-2: DIETHYL PHTHALATE	---	0.283	0.036																	
00123-31-5: HYDROQUINONE	---	0.001	1.26E-04																	
00123-86-4: BUTYL ACETATE	95000	1.823	0.230																	
00141-43-5: MONOETHANOLAMINE	1500	0.001	1.26E-04																	
00141-78-6: ETHYL ACETATE	---	0.623	0.079																	
00143-82-5: NHEPTANE	210000	0.600	0.076																	
00630-08-0: CARBON MONOXIDE	40000	1.795	0.226																	
01310-73-2: SODIUM HYDROXIDE	200	0.003	3.60E-04																	
01335-25-7: LEAD OXIDE	---	0.001	1.26E-04																	
07439-42-1: LEAD	---	0.001	1.26E-04																	
07440-31-5: TIN	20	0.001	1.26E-04																	
07446-09-5: SULFUR DIOXIDE	196	0.373	0.047																	
07647-01-0: HYDROGEN CHLORIDE	2100	0.001	1.26E-04																	
07664-38-2: PHOSPHORIC ACID	300	4.870	0.614																	
07664-41-7: AMMONIA	2400	0.844	0.106																	
07664-93-9: SULFURIC ACID	120	0.001	1.26E-04																	
08030-30-6: NAPHTHA	---	2.946	0.358																	
09002-86-2: POLYVINYL CHLORIDE	---	0.001	1.26E-04																	
10102-44-0: NITROGEN DIOXIDE	188	0.010	0.001																	
11115-74-5: CHROMIC ACID	---	0.703	0.089																	
NV075-00-0: PARTICULATES	150	1.126	0.142		39.51	40.43	25.54	55.58	147.63	76.03	10.72	9.93	2.16	68.00	15.26					
Porcelain products, including bathroom or kitchen equipment or similar products	NV																			



**Table 4**  
**Air Toxins Annual Concentrations**

Industry City - Industrial Source Analysis Annual Concentrations

Use Group	CAS No. Pollutant	AGC	Unitary Concentrations													
			Emissions (AN)		Maximum Concentrations											
			(By Yr)													
			93rd Percentile	93rd Percentile	2	3	5	7	8	9	11	19	21	22	Gateway	
Glass or large glass products, including structural or plate glass or similar products	00078-83-1: ISOBUTYL ALCOHOL	360	38.6	5.55E-04	0.018	0.017	0.010	0.022	0.057	0.020	0.010	0.004	7.38E-04	0.037	0.011	
	00124-39-9: CARBON DIOXIDE	21000	8,760.0	0.126	4.077	3.931	2.296	4.984	13,002	4,541	2,278	0.977	0.163	6.129	2.442	
	00630-08-0: CARBON MONOXIDE	---	1,684.8	0.024	0.784	0.756	0.442	0.959	2,501	0.873	0.438	0.188	0.031	1.179	0.470	
	07446-09-5: SULFUR DIOXIDE	80	289.7	0.004	0.135	0.130	0.076	0.165	0.430	0.150	0.075	0.032	0.005	0.203	0.081	
	07664-41-7: AMMONIA	100	6,032.5	0.086	2.799	2.698	1.576	3.421	9,204	3,117	1,564	0.674	0.112	4.207	1.676	
	07732-18-5: WATER MIXT	100	8,254.7	0.119	3.842	3.704	2.164	4.697	12,253	4,279	2,147	0.921	0.153	5.775	2.301	
	08032-32-4: LIGROINE	900	161.9	0.002	0.075	0.073	0.042	0.092	0.240	0.084	0.042	0.018	0.003	0.113	0.045	
	W1075-00-0: PARTICULATES	---	7,748.3	0.111	3.607	3.477	2.031	4.409	11,501	4,017	2,015	0.864	0.144	5.421	2.160	
	Hair, felt or feather products, except washing, curing or dyeing	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		W1075-00-0: PARTICULATES	---	3.2	4.60E-05	0.001	0.001	8.39E-04	0.002	0.005	0.002	8.32E-04	3.57E-04	5.95E-05	0.002	8.92E-04
Meat or fish products or preparation of fish for packing		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
		00050-00-0: FORMALDEHYDE	1000	0.06	15.0	2.36E-05	0.007	0.007	0.009	0.008	0.004	0.002	2.39E-04	0.010	0.004	
		00064-19-7: ACETIC ACID	60	5.9	8.46E-04	0.027	0.026	0.015	0.033	0.087	0.030	0.015	0.007	0.001	0.041	0.016
		00074-82-8: METHANE	1600	8.1	1.17E-04	0.004	0.004	0.002	0.005	0.012	0.004	0.002	8.05E-04	1.51E-04	0.006	0.002
		00630-08-0: CARBON MONOXIDE	---	109.1	0.002	0.051	0.049	0.029	0.062	0.162	0.057	0.028	0.012	0.002	0.076	0.030
		07446-09-5: SULFUR DIOXIDE	80	5.8	8.77E-05	0.003	0.003	0.002	0.003	0.009	0.003	0.001	6.41E-04	1.07E-04	0.004	0.002
		10102-44-0: NITROGEN DIOXIDE	100	39.4	5.07E-04	0.018	0.018	0.010	0.022	0.058	0.020	0.010	0.004	7.32E-04	0.008	0.011
		W1075-00-0: PARTICULATES	---	76.8	0.003	0.036	0.034	0.020	0.044	0.114	0.040	0.020	0.009	0.001	0.054	0.021
	Metal or metal ores, reduction, refining, smelting, or alloying	00050-00-0: FORMALDEHYDE	0.06	3.0	4.31E-05	0.001	0.001	7.86E-04	0.002	0.004	0.002	7.80E-04	3.35E-04	5.58E-05	0.002	8.36E-04
		00064-19-7: ACETIC ACID	240	11.3	1.63E-04	0.005	0.005	0.003	0.006	0.017	0.003	0.003	0.001	2.36E-04	0.008	0.003
00075-12-5: CYANIDES		3.5	407.0	0.006	0.189	0.183	0.107	0.232	0.604	0.211	0.106	0.045	0.008	0.285	0.113	
00064-17-5: ETHANOL		45000	29.1	4.18E-04	0.014	0.013	0.008	0.017	0.043	0.015	0.008	0.003	5.40E-04	0.020	0.008	
00064-19-7: ACETIC ACID		60	5.8	8.77E-05	0.003	0.003	0.002	0.003	0.009	0.003	0.001	6.41E-04	1.07E-04	0.004	0.002	
00067-63-0: ISOPROPYL ALCOHOL		7000	516.4	0.007	0.240	0.232	0.135	0.294	0.766	0.268	0.134	0.058	0.010	0.361	0.144	
00067-64-1: ACETONE		30000	2.5	3.54E-05	0.001	0.001	6.45E-04	0.001	0.004	0.001	6.40E-04	2.74E-04	4.57E-05	0.002	6.86E-04	
00071-36-3: BUTYL ALCOHOL, N		1500	317.4	0.005	0.148	0.142	0.083	0.181	0.471	0.165	0.083	0.035	0.006	0.222	0.088	
00071-55-6: METHYL CHLOROFORM		1500	1.8	2.59E-05	0.001	0.001	8.06E-04	0.001	0.003	0.001	8.06E-04	4.05E-04	2.01E-04	3.39E-05	0.001	
00074-82-8: METHANE		1600	3.2	4.60E-05	0.001	0.001	8.39E-04	0.002	0.005	0.002	8.32E-04	3.57E-04	5.95E-05	0.002	8.92E-04	

Industry City - Industrial Source Analysis Annual Concentrations

Use Group	CAS No. Pollutant	AGC	Unitary Concentrations															
			Emissions (AN)		Maximum Concentrations													
			93rd Percentile	93rd Percentile	2	3	5	7	8	9	11	19	21	22	Gateway			
Metal or metal products, treatment or processing, including enameling, plating, lacquering, galvanizing, or similar processes	00050-00-0: FORMALDEHYDE	0.06	12.0	1.73E-04	0.006	0.005	0.003	0.007	0.018	0.006	0.003	0.001	2.32E-04	0.008	0.003			
	00067-56-1: METHANOL	4000	354.3	0.005	0.165	0.159	0.093	0.202	0.526	0.184	0.092	0.040	0.007	0.248	0.099			
	00067-43-0: ISOPROPYL ALCOHOL	7000	238.5	0.003	0.111	0.107	0.063	0.136	0.354	0.124	0.062	0.027	0.004	0.167	0.066			
	00067-64-1: ACETONE	30000	256.0	0.004	0.19	0.115	0.067	0.146	0.380	0.136	0.067	0.029	0.005	0.179	0.071			
	00071-36-3: BUTYL ALCOHOL-N	1500	2.0	2.88E-05	9.31E-04	8.97E-04	5.24E-04	0.001	0.003	0.001	5.20E-04	2.23E-04	3.72E-05	0.001	5.58E-04			
	00078-83-1: METHYL ALCOHOL	360	1.575,7	0.023	0.733	0.707	0.433	0.897	2.339	0.817	0.410	0.176	0.029	1.102	0.489			
	00078-93-3: METHYL ETHYL KETONE	5000	2.797,0	0.040	1.302	1.255	0.743	1.591	4.152	1.450	0.727	0.312	0.052	1.957	0.780			
	00108-88-3: TOLUENE	3000	560.0	0.008	0.261	0.251	0.147	0.319	0.831	0.290	0.146	0.062	0.010	0.392	0.156			
	00111-76-2: ETHYLENGLYCOLMONOETHY	1600	22.5	3.23E-04	0.010	0.010	0.006	0.013	0.033	0.012	0.006	0.003	4.17E-04	0.016	0.006			
	00112-34-5: BUTYL CARBITOL	200	2.0	2.88E-05	9.31E-04	8.97E-04	5.24E-04	0.001	0.003	0.001	5.20E-04	2.23E-04	3.72E-05	0.001	5.58E-04			
	00123-84-4: BUTYL ACETATE	17000	974.8	0.014	0.454	0.437	0.256	0.555	1.447	0.505	0.254	0.109	0.018	0.682	0.272			
	00124-38-9: CARBON DIOXIDE	21000	18.0	2.59E-04	0.008	0.008	0.005	0.010	0.027	0.009	0.005	0.002	3.95E-04	0.013	0.005			
	01309-37-1: IRON OXIDE	12	490.0	0.007	0.228	0.220	0.128	0.279	0.727	0.254	0.127	0.055	0.009	0.343	0.137			
	01310-73-2: SODIUM HYDROXIDE	100	46.0	6.62E-04	0.021	0.021	0.012	0.026	0.068	0.024	0.012	0.005	8.53E-04	0.012	0.013			
	01330-20-7: XYLENE-M.O.B.P MIXT.	100	313.4	0.005	0.146	0.141	0.082	0.178	0.465	0.162	0.081	0.035	0.006	0.219	0.087			
	07664-41-7: AMMONIA	100	46.6	6.70E-04	0.022	0.021	0.012	0.027	0.069	0.024	0.012	0.005	8.66E-04	0.013	0.013			
	08032-32-4: LIGROINE	900	52.8	7.59E-04	0.025	0.024	0.014	0.030	0.078	0.027	0.014	0.006	9.81E-04	0.017	0.015			
	NY075-00-0: PARTICULATES	---	615.7	0.009	0.287	0.276	0.161	0.350	0.914	0.319	0.160	0.069	0.011	0.431	0.172			
	Metal casting or foundry products, heavy, including ornamental iron work, or similar products	00067-43-0: ISOPROPYL ALCOHOL	7000	45.7	6.57E-04	0.021	0.021	0.012	0.026	0.068	0.024	0.012	0.005	8.49E-04	0.012	0.013		
		00067-56-1: METHANOL	30000	41.1	5.91E-04	0.019	0.018	0.011	0.023	0.021	0.021	0.011	0.005	7.63E-04	0.029	0.011		
		00071-36-3: BUTYL ALCOHOL-N	1500	5.6	8.05E-05	0.003	0.003	0.001	0.003	0.008	0.003	0.001	6.25E-04	1.04E-04	0.004	0.002		
		00071-55-6: METHYL CHLOROFORM	5000	2,017.5	0.029	0.939	0.905	0.529	1.148	2.995	1.046	0.525	0.225	0.037	1.412	0.562		
		00074-83-0: METHANE	4000	1.6	2.30E-04	7.02E-04	7.18E-04	4.19E-04	9.14E-04	2.45E-04	1.36E-04	4.10E-04	2.97E-05	4.46E-04	0.004	0.004		
		00078-93-3: METHYL ETHYL KETONE	360	1,463.7	0.021	0.680	0.656	0.383	0.832	2.170	0.758	0.380	0.163	0.027	1.023	0.407		
		00079-00-5: TRICHLOROETHANE, 1, 1, 2	1.4	53.0	7.62E-04	0.025	0.024	0.014	0.030	0.079	0.027	0.014	0.006	9.85E-04	0.017	0.015		
00108-88-3: TOLUENE		3000	8,599.9	0.124	4.003	3.859	2.254	4.893	12.765	4.458	2.237	0.959	0.160	6.017	2.397			
00123-84-4: BUTYL ACETATE		5000	3,630.8	0.052	1.651	1.620	0.946	2.055	5.360	1.972	0.939	0.467	0.167	2.526	1.007			
00123-86-4: BUTYL ALCOHOL		17000	15.3	2.19E-04	0.007	0.007	0.004	0.007	0.023	0.008	0.004	0.002	2.83E-04	0.011	0.004			
00630-08-0: CARBON MONOXIDE		5.6	8.09E-05	0.003	0.003	0.001	0.003	0.008	0.003	0.003	0.001	6.27E-04	1.05E-04	0.004	0.002			
01314-13-2: ZINC OXIDE		0.0059	5.3	6.09E-04	0.002	0.002	0.001	0.002	0.008	0.003	0.001	5.40E-04	9.90E-05	0.004	0.004			
01330-20-7: XYLENE-M.O.B.P MIXT.		100	1,009	1.24E-03	0.039	0.039	0.023	0.045	0.125	0.390	0.139	0.067	0.029	0.105	0.047			
01344-28-1: ALUMINUM OXIDE		4.5	64.0	9.21E-04	0.030	0.029	0.017	0.036	0.095	0.033	0.017	0.007	0.001	0.005	0.018			
07429-95-5: ALUMINUM		2.4	80.0	0.001	0.037	0.036	0.021	0.046	0.119	0.041	0.021	0.009	0.001	0.056	0.022			
07446-95-5: SULFUR DIOXIDE		80	48.4	6.98E-04	0.002	0.002	0.001	0.002	0.005	0.002	0.001	0.001	8.92E-04	0.014	0.013			
08030-30-6: NAPHTHA		900	16.0	2.41E-04	0.008	0.008	0.004	0.010	0.025	0.009	0.004	0.002	3.11E-04	0.012	0.010			
10102-44-0: NITROGEN DIOXIDE		100	57.0	8.20E-04	0.027	0.026	0.015	0.032	0.085	0.030	0.015	0.006	0.001	0.040	0.016			
NY075-00-0: PARTICULATES		---	421.8	0.006	0.156	0.159	0.111	0.240	0.626	0.219	0.110	0.047	0.008	0.295	0.118			
Monument works, with no limitation on processing		NY075-00-0: PARTICULATES	---	24.9	3.59E-04	0.012	0.011	0.007	0.014	0.037	0.013	0.006	0.003	4.64E-04	0.017	0.007		
		00050-00-0: FORMALDEHYDE	0.06	123.6	0.002	0.058	0.055	0.032	0.070	0.183	0.064	0.032	0.014	0.002	0.086	0.034		
		00064-17-5: ETHANOL	45000	14,377.6	0.207	6.692	6.452	3.769	8.181	21.341	7.454	3.739	1.603	0.267	10.059	4.008		
		00064-19-7: ACETIC ACID	60	6.2	8.98E-05	0.003	0.003	0.002	0.004	0.009	0.003	0.002	6.96E-04	1.16E-04	0.004	0.002		
		00067-43-0: ISOPROPYL ALCOHOL	7000	42.0	6.04E-04	0.020	0.019	0.011	0.024	0.022	0.022	0.011	0.005	8.81E-04	0.029	0.012		
		00067-56-1: METHANOL	30000	9,955.5	0.133	4.234	4.081	2.384	5.175	13.501	4.715	2.365	1.014	0.169	6.364	2.535		
	00067-64-1: ACETONE	30000	6,312.0	0.091	2.938	2.822	1.655	3.591	9.369	3.272	1.624	0.704	0.117	4.416	1.760			
	00071-23-8: PROPANOL	590	1.0	1.44E-05	4.65E-04	4.49E-04	2.62E-04	5.69E-04	0.001	5.18E-04	2.60E-04	1.12E-04	1.86E-05	7.00E-04	2.79E-04			
	00075-43-0: VINYL CHLORIDE	0.11	91.2	0.042	0.042	0.041	0.024	0.045	0.102	0.042	0.022	0.011	0.005	0.064	0.025			
	00075-09-2: DICHLOROMETHANE	60	16.0	2.90E-04	0.007	0.007	0.004	0.009	0.024	0.008	0.004	0.002	2.97E-04	0.011	0.004			
	00078-83-1: METHYL ALCOHOL	360	9,763.2	0.140	4.544	4.381	2.559	5.555	14.492	5.061	2.539	1.089	0.181	6.831	2.722			
	00078-93-3: METHYL ETHYL KETONE	5000	8,636.0	0.124	4.020	3.875	2.264	4.914	12.818	4.477	2.246	0.963	0.161	6.042	2.407			
	00085-87-9: BUTYL BENZYL PHTHALA	0.42	3.8	0.002	0.075	0.074	0.043	0.084	0.205	0.074	0.039	0.019	0.005	0.135	0.059			
	00091-20-3: NAPHTHALENE	3	624.0	0.009	0.290	0.280	0.164	0.354	0.956	0.323	0.162	0.070	0.012	0.437	0.174			
	00100-41-4: ETHYL BENZENE	0.00	4.8	6.90E-05	0.002	0.002	0.001	0.003	0.007	0.002	0.001	5.35E-04	8.92E-05	0.003	0.010			
	00100-45-5: STYRENE	1000	443.5	0.006	0.206	0.199	0.116	0.252	0.658	0.230	0.115	0.049	0.008	0.030	0.012			
	00107-13-1: ACRYLONITRILE	0.015	33.0	4.75E-04	0.015	0.015	0.009	0.019	0.049	0.017	0.009	0.004	6.13E-04	0.013	0.009			
	00107-92-6: O	---	6.2	8.98E-05	0.003	0.003	0.002	0.004	0.009	0.003	0.002	6.96E-04	1.16E-04	0.004	0.002			
	00108-10-1: METHYL ISOBUTYL KETONE	3000	9,224.0	0.133	4.293	4.139	2.418	5.248	13.691	4.782	2.399	1.029	0.171	6.453	2.571			
	00108-88-3: TOLUENE	5000	10,029.9	0.159	5.132	4.947	2.890	6.273	16.364	5.715	2.867	1.230	0.205	7.713	3.073			
	00108-29-2: PHENOL	40	4.8	6.90E-05	0.002	0.002	0.001	0.003	0.007	0.002	0.001	6.92E-05	0.001	0.002	0.001			
	00109-99-9: TETRAHYDROFURAN	350	52.8	7.59E-04	0.025	0.024	0.014	0.030	0.078	0.027	0.014	0.006	9.81E-04	0.017	0.015			
	00110-82-7: CYCLOHEXANE	600	6.2	8.98E-05	0.003	0.003	0.002	0.004	0.009	0.003	0.002	6.96E-04	1.16E-04	0.004	0.002			
	00117-81-7: DICHTYL PHTHALATE	0.42	3.8	0.002	0.075	0.074	0.043	0.084	0.205	0.074	0.039	0.019	0.005	0.135	0.059			
	00123-31-9: HYDROQUINONE	10	2.2	1.73E-07	5.59E-06	5.38E-06	3.15E-06	6.78E-06	1.78E-05	6.22E-06	3.12E-06	1.34E-06	2.23E-07	8.40E-06	3.35E-06			
00123-86-4: BUTYL ACETATE	17000	1.0	0.033	1.059	1.021	0.596	1.294	3.377	1.179	0.594	0.254	0.042	1.592	0.634				
00141-43-5: MONOTHANOLAMINE	18	2.0	2.88E-05	9.31E-04	8.97E-04	5.24E-04	0.001	0.003	0.001	5.20E-04	2.23E-04	3.72E-05	0.001	5.58E-04				
00141-78-6: ETHYL ACETATE																		



Industry City - Industrial Source Analysis Annual Concentrations

Use Group	CAS No. Pollutant	AGC	Unitary Concentrations													
			Emissions (AN)		Maximum Concentrations											
			99th Percentile	93rd Percentile	2	3	5	7	8	9	11	19	21	22	Gateway	
Soaps or detergents	00064-17-5: ETHANOL	45000	1.5	2.16E-05	6.98E-04	6.73E-04	3.93E-04	8.53E-04	0.002	7.78E-04	3.90E-04	1.67E-04	2.79E-05	0.001	4.18E-04	
	01551-50-9: POTASSIUM CYANIDE	3.5	1.6	2.30E-05	7.45E-04	7.18E-04	4.19E-04	9.10E-04	0.001	6.16E-04	4.16E-04	1.78E-04	2.97E-05	0.001	4.46E-04	
	00557-05-1: ZINC STEARATE	24	1.2	1.73E-05	5.59E-04	5.38E-04	3.15E-04	6.83E-04	0.002	0.002	3.12E-04	1.34E-04	2.23E-05	0.001	3.35E-04	
	00630-08-0: CARBON MONOXIDE	---	3.2	4.60E-05	0.001	0.001	8.89E-04	0.002	0.002	8.32E-04	4.37E-04	3.57E-04	5.95E-05	0.002	8.92E-04	
	01306-19-9: CADMIUM OXIDE	0.00027	0.1	1.83E-06	5.91E-05	5.70E-05	3.33E-05	7.23E-05	1.89E-04	6.58E-05	3.30E-05	1.42E-05	2.36E-06	8.89E-05	3.54E-05	
	01310-73-2: SODIUM HYDROXIDE	---	2.0	2.89E-05	9.31E-04	8.97E-04	5.24E-04	0.001	0.003	0.001	5.20E-04	2.23E-04	3.72E-05	0.001	5.58E-04	
	07428-48-0: LEAD STEARATE	0.09	0.6	8.63E-06	2.79E-04	2.69E-04	1.57E-04	3.41E-04	0.001	8.94E-04	3.11E-04	1.56E-04	6.69E-05	1.12E-05	4.20E-04	
	07446-09-5: SULFUR DIOXIDE	80	9.4	1.35E-04	0.004	0.004	0.002	0.005	0.014	0.005	0.002	0.001	1.75E-04	0.007	0.003	
	07647-01-0: HYDROGEN CHLORIDE	20	0.6	9.21E-06	2.98E-04	2.87E-04	1.68E-04	3.64E-04	9.50E-04	3.32E-04	1.66E-04	7.14E-05	1.19E-05	4.48E-04	1.78E-04	
	07664-41-7: AMMONIA	100	1.6	2.30E-05	7.45E-04	7.18E-04	4.19E-04	9.10E-04	0.002	8.29E-04	4.16E-04	1.78E-04	2.97E-05	0.001	4.46E-04	
	07664-93-9: SULFURIC ACID	1	0.0	4.31E-08	1.40E-06	1.35E-06	7.86E-07	1.71E-06	4.45E-06	1.56E-06	7.80E-07	3.35E-07	5.58E-08	2.10E-06	8.36E-07	
	07697-37-2: NITRIC ACID	12	2.0	2.88E-05	9.31E-04	8.97E-04	5.24E-04	0.001	0.003	0.001	5.20E-04	2.23E-04	3.72E-05	0.001	5.58E-04	
	NY075-00-0: PARTICULATES	---	1,059.8	0.015	0.493	0.476	0.278	0.603	1.573	0.549	0.276	0.118	0.020	0.741	0.295	
	Steel, structural products, including bars, girders, rails, wire rope, or similar products	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
	Stone processing or stone products, including abrasives, asbestos, stone screenings, stone cutting, stone work, sand or lime products, or similar processes or products	00050-00-0: FORMALDEHYDE	0.06	256.0	0.004	0.119	0.115	0.067	0.146	0.380	0.133	0.067	0.029	0.005	0.179	0.071
		00056-81-5: GLYCERIN	240	712.0	0.010	0.331	0.319	0.187	0.405	1.037	0.369	0.185	0.079	0.013	0.488	0.198
		00067-56-1: METHANOL	4000	1,200.0	0.001	0.001	0.001	7.86E-04	0.002	0.004	0.002	7.90E-04	3.35E-04	5.58E-05	0.002	8.36E-04
		00067-63-0: ISOPROPYL ALCOHOL	7000	1,878.7	0.027	0.874	0.843	0.492	1.069	2.788	0.974	0.489	0.210	0.035	1.314	0.524
		00067-64-1: ACETONE	30000	1,576.0	0.023	0.734	0.707	0.413	0.897	2.339	0.817	0.410	0.176	0.029	1.103	0.439
		00071-36-3: BUTYL ALCOHOL, N	1500	9,918.2	0.056	1.824	1.758	1.027	2.229	5.816	2.031	1.019	0.437	0.073	2.741	1.092
00074-82-6: METHANE		1600	1,600.0	0.004	0.004	0.004	0.004	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	
00074-97-5: CHLOROBROMOMETHANE		2500	1.4	2.01E-05	6.52E-04	6.28E-04	3.67E-05	7.97E-04	0.002	0.002	3.64E-04	1.56E-04	2.60E-05	9.79E-04	3.90E-04	
00075-72-7: FORMAMIDE		43	476.0	0.007	0.222	0.214	0.125	0.271	0.707	0.247	0.124	0.053	0.009	0.333	0.133	
00078-03-1: METHYL ETHYL KETONE		300	968.3	0.004	0.451	0.434	0.254	0.551	1.437	0.502	0.252	0.136	0.020	0.803	0.314	
00078-93-3: METHYL ETHYL KETONE		5000	1,587.0	0.023	0.739	0.712	0.416	0.903	2.356	0.823	0.413	0.177	0.029	1.110	0.442	
00079-01-6: TRICHLOROETHYLENE		0.2	2.0	0.107	3.454	3.300	1.945	4.223	11.016	3.847	1.930	0.828	0.138	5.192	2.069	
00091-20-3: NAPHTHALENE		3	2.0	2.88E-05	9.31E-04	8.97E-04	5.24E-04	0.001	0.003	0.001	5.20E-04	2.23E-04	3.72E-05	0.001	5.58E-04	
00108-10-1: METHYL ISOBUTYL KETONE		3000	968.3	0.004	0.139	0.134	0.078	0.170	0.443	0.155	0.078	0.030	0.006	0.209	0.083	
00108-88-3: TOLUENE		5000	4,281.6	0.062	1.993	1.921	1.123	2.436	6.355	2.220	1.134	0.478	0.080	2.996	1.194	
00111-46-6: GLYCOL ETHERS		700	23,244.2	0.334	10.919	10.430	6.099	13.226	34.501	12.050	6.045	2.592	0.432	16.262	6.479	
00111-76-2: ETHYLENGLYCOLMONOBUTYL		1600	1,756.8	0.025	0.818	0.788	0.460	1.000	2.608	0.911	0.457	0.196	0.033	1.229	0.490	
00112-35-5: BUTYL CARBITOL		200	968.3	0.004	0.451	0.434	0.254	0.551	1.437	0.502	0.252	0.136	0.020	0.803	0.314	
00121-44-8: TRIETHYLAMINE		7	1,040.0	0.015	0.484	0.467	0.273	0.592	1.544	0.539	0.270	0.116	0.019	0.728	0.290	
00123-86-4: BUTYL ACETATE		17000	2,366.0	0.034	1.101	1.062	0.620	1.346	3.512	1.227	0.615	0.264	0.044	1.650	0.660	
00127-18-4: TETRACHLOROETHYLENE		4	400.0	0.006	0.186	0.179	0.105	0.228	0.594	0.207	0.104	0.045	0.007	0.280	0.112	
00141-38-6: ETHYL ACETATE		3400	1,218.7	0.004	0.563	0.547	0.319	0.696	1.809	0.623	0.316	0.136	0.023	0.853	0.340	
00143-33-9: SODIUM CYANIDE		3.5	80.0	0.001	0.037	0.036	0.021	0.046	0.119	0.041	0.021	0.009	0.001	0.056	0.022	
00540-88-5: BUTYL ACETATE, TERT		2300	192.0	0.003	0.089	0.086	0.050	0.109	0.285	0.100	0.050	0.021	0.004	0.134	0.054	
00630-08-0: CARBON MONOXIDE		---	348.8	0.005	0.162	0.157	0.091	0.198	0.518	0.181	0.091	0.039	0.006	0.244	0.097	
01310-73-2: SODIUM HYDROXIDE		---	298.4	0.004	0.139	0.134	0.078	0.170	0.443	0.155	0.078	0.030	0.006	0.209	0.083	
01330-20-7: XYLENE M, O, B.P. MIXT.		100	13,429.7	0.193	6.251	6.062	3.520	7.641	19.934	6.926	3.493	1.380	0.250	9.396	3.744	
01335-25-7: LEAD OXIDE		0.044	0.0	5.75E-07	1.86E-05	1.79E-05	1.05E-05	2.28E-05	5.94E-05	2.07E-05	1.04E-05	4.46E-06	7.43E-07	2.80E-05	1.12E-05	
02807-30-9: ETHYLENGLYCOL MONOPROPYL ETHER		2000	476.0	0.007	0.219	0.211	0.123	0.268	0.698	0.244	0.122	0.052	0.009	0.329	0.131	
07439-94-6: IRON		---	28.4	4.08E-04	0.013	0.013	0.007	0.016	0.042	0.015	0.007	0.003	0.001	0.008	0.003	
07440-02-0: NICKEL		0.0042	1.0	1.38E-05	4.47E-04	4.31E-04	2.52E-04	5.46E-04	0.001	4.98E-04	2.50E-04	1.07E-04	1.78E-05	6.72E-04	2.68E-04	
07440-40-0: CARBON		---	17.9	2.57E-04	0.008	0.008	0.005	0.010	0.027	0.009	0.005	0.002	0.003	0.012	0.005	
07446-09-5: SULFUR DIOXIDE		30	9.0	1.35E-04	0.004	0.004	0.002	0.005	0.014	0.005	0.002	0.001	1.75E-04	0.007	0.003	
07664-38-2: PHOSPHORIC ACID		10	2.9	4.23E-05	0.001	0.001	0.001	7.70E-04	0.002	0.004	0.002	7.84E-04	3.28E-04	5.46E-05	0.002	
07664-41-7: AMMONIA		100	4.0	5.75E-05	0.002	0.002	0.001	0.002	0.006	0.002	0.001	4.43E-05	7.43E-06	0.003	0.001	
08030-36-6: NAPHTHA		900	967.5	0.014	0.450	0.434	0.254	0.550	1.436	0.502	0.252	0.136	0.023	0.853	0.340	
08032-32-4: IODINE		---	3,725.5	0.004	0.139	0.134	0.078	0.170	0.443	0.155	0.078	0.030	0.006	0.209	0.083	
11115-74-5: CHROMIC ACID		0.000345	2.9	4.07E-05	0.001	0.001	7.42E-04	0.002	0.004	0.001	7.37E-04	3.16E-04	5.36E-05	0.002	8.70E-04	
NY075-00-0: PARTICULATES		---	774.0	0.011	0.360	0.347	0.203	0.440	1.149	0.401	0.201	0.086	0.014	0.542	0.216	
Stone processing or stone products, including abrasives, asbestos, stone screenings, stone cutting, stone work, sand or lime products, or similar processes or products		00124-38-9: CARBON DIOXIDE	21000	1,116.0	0.016	0.519	0.501	0.293	0.635	1.656	0.579	0.290	0.124	0.021	0.781	0.311
	00630-08-0: CARBON MONOXIDE	---	1,200.0	0.017	0.559	0.538	0.315	0.683	1.781	0.622	0.312	0.134	0.021	0.840	0.335	
	NY075-00-0: PARTICULATES	---	157.6	0.002	0.073	0.071	0.041	0.090	0.234	0.082	0.041	0.018	0.003	0.110	0.044	
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Advertising Displays	00050-00-0: FORMALDEHYDE	0.06	1.7	1.76E-05	5.68E-04	5.48E-04	3.20E-04	6.95E-04	0.002	6.33E-04	3.18E-04	1.36E-04	2.27E-05	8.54E-04	3.40E-04	
	00064-17-5: ETHANOL	45000	18.0	2.01E-04	6.00E-04	5.80E-04	3.40E-04	7.61E-04	0.009	6.90E-04	3.40E-04	1.40E-04	2.30E-05	0.001	0.005	
	00067-56-1: METHANOL	4000	16.7	2.41E-04	0.008	0.008	0.004	0.010	0.025	0.009	0.004	0.002	3.11E-04	0.012	0.005	
	00067-63-0: ISOPROPYL ALCOHOL	7000	112.7	0.002	0.052	0.051	0.030	0.064	0.167	0.058	0.029	0.013	0.002	0.079	0.031	
	00067-64-1: ACETONE	30000	87.8	0.001	0.041	0.039	0.023	0.050	0.130	0.046	0.023	0.010	0.002	0.061	0.024	
	00071-36-3: BUTYL ALCOHOL, N	1500	42.4	6.10E-04	0.019	0.019	0.011	0.024	0.023	0.023	0.011	0.005	7.88E-04	0.003	0.012	
	00084-74-2: DIBUTYL PHALATE	12	30.9	4.44E-04	0.014	0.014	0.008	0.018								