APPENDIX F
Air Quality

Industry City Rezoning - Industrial Source Analysis Emissions Profile

Use Group	Representative Processes Included	CAS No: Pollutant	Emissions (ST) (lb/hr) 93rd Percentile	Emissions (ST) (lb/hr) Max	SGC	Emissions (AN) (lb/yr) 93rd Percentile	Emissions (AN) (lb/yr) Max	AGC
Use Group 18A								
Beverages, alcoholic, or breweries	No permitted sources identified.	---	---	---	---	---	---	---
Glass or large glass products, including structural or plate glass or similar products	Glass or large glass products, including structural or plate glass or similar products	00078-83-1: ISOBUTYL ALCOHOL	0.29	0.30	---	38.614	40	360
		00124-38-9: CARBON DIOXIDE	1.00	1.00	---	8760	8760	21,000
		00630-08-0: CARBON MONOXIDE	0.83	0.89	40,000	1684.7562	1811.2	---
		07446-09-5: SULFUR DIOXIDE	0.14	0.14	196	289.66	294	80
		07664-41-7: AMMONIA	3.76	4.00	2,400	6012.48	6400	100
		07732-18-5: WATER MIST	2.40	2.50	---	8254.73	8861	---
		08032-32-4: LIGROINE	0.03	0.03	---	161.93	162	900
		NY075-00-0: PARTICULATES	2.75	3.50	150	7748.32	9304	---
Graphite or graphite products	No permitted sources identified.	---	---	---	---	---	---	---
Hair, felt, or feathers, bulk processing, washing, curing or dyeing	Hair, felt, or feathers, bulk processing, washing, curing or dyeing	NY075-00-0: PARTICULATES	2.00E-03	2.00E-03	150	3.20	3.20	---
Linoleum or oil cloth	No permitted sources identified.	---	---	---	---	---	---	---
Meat or fish products or preparation of fish for packing	Meat or fish products or preparation of fish for packing	00050-00-0: FORMADEHYDE	0.02	0.02	30	0.94	0.94	0.06
		00064-19-7: ACETIC ACID	0.06	0.06	3,700	58.805	61.5	60
		00074-82-8: METHANE	0.02	0.02	---	8.12	8.50	1,600
		00630-08-0: CARBON MONOXIDE	0.14	0.15	40,000	109.08	288	---
		07446-09-5: SULFUR DIOXIDE	2.00E-03	2.00E-03	196	5.75	6.20	80
		10102-44-0: NITROGEN DIOXIDE	0.05	0.05	188	39.402	42.3	100
		NY075-00-0: PARTICULATES	0.07	0.15	150	76.772	144	---
Metal or metal ores, reduction, refining, smelting, or alloying	Metal or metal ores, reduction, refining, smelting, or alloying	00050-00-0: FORMADEHYDE	1.00E-03	1.00E-03	30	3.00	3.00	0.06
		00056-81-5: GLYCERIN	6.00E-03	6.00E-03	---	11.31	11.31	240
		00057-12-5: CYANIDES	0.27	0.43	380	407	680	3.50
		00064-17-5: ETHANOL	9.46	11	---	29.06	32	45,000
		00064-19-7: ACETIC ACID	0.08	0.08	3,700	166	166	60
		00067-63-0: ISOPROPYL ALCOHOL	1.46	2.06	98,000	516.4	536	7,000
		00067-64-1: ACETONE	2.56	2.75	180,000	2.46	2.64	30,000
		00071-36-3: BUTYL ALCOHOL, N-	0.16	0.19	---	317.426	395	1,500
		00071-55-6: METHYL CHLOROFORM	0.94	0.95	9,000	1.80	1.82	5,000
		00074-82-8: METHANE	1.00E-03	1.00E-03	---	3.20	3.20	1,600
		00074-87-3: CHLOROMETHANE	0.06	0.06	22,000	36	36	90
		00074-90-8: HYDROGEN CYANIDE	0.03	0.06	520	67.02	96	0.80
		00078-83-1: ISOBUTYL ALCOHOL	2.53	3.24	---	4050	5184	360
		00078-93-3: METHYL ETHYL KETONE	0.42	0.45	13,000	313.996	360	5,000
		00079-01-6: TRICHLOROETHYLENE	2.65	4.22	20	4761.74	8102	0.20
		00092-87-5: BENZIDINE	1.00E-03	1.00E-03	---	2.00	2.00	6.10E-06
		00100-41-4: ETHYL BENZENE	7.20	7.20	---	15	15	1,000
		00100-42-5: STYRENE	1.00	1.00	17,000	1600	1600	1,000
		00108-10-1: METHYL ISOBUTYL KETONE	1.28	1.30	31,000	11.2048	12.7	3,000
		00108-21-4: ISOPROPYL ACETATE	0.24	0.24	84,000	383	383	1,000
		00108-88-3: TOLUENE	6.34	8.64	37,000	7029.04	9148	5,000
		00108-95-2: PHENOL	0.22	0.22	5,800	369.6	369.6	20
		00109-60-4: PROPYL ACETATE	1.00E-03	1.00E-03	100,000	0.09	0.09	20,000
		00110-19-0: ISOBUTYL ACETATE	0.08	0.08	---	153	153	565
		00110-80-5: GLYCOL MONOETHYLETHER	4.00E-03	4.00E-03	370	8.80	8.80	200
		00111-76-2: ETHYLENGLYCOLMONBUTY	0.12	0.15	14,000	57.042	65.4	1,600
		00112-34-5: BUTYL CARBITOL	0.19	0.19	370	395	395	200
		00123-86-4: BUTYL ACETATE	0.88	1.04	95,000	1086.08	1300	17,000
		00124-38-9: CARBON DIOXIDE	11.2208	14.69	---	1063.63	1469	21,000
		00127-18-4: TETRACHLOROETHYLENE	13.903	13.903	300	2.67	2.67	4.00
		00127-68-4: SODIUM NITROBENZSULFATE	0.01	0.01	---	21	21	9.00
		00141-78-6: ETHYL ACETATE	2.60	2.60	---	4.99	4.99	3,400
		00142-82-5: N-HEPTANE	0.08	0.08	210,000	159	159	3,900
		00143-33-9: SODIUM CYANIDE	0.09	0.76	380	79.136	1365	3.50
		00151-50-8: POTASSIUM CYANIDE	0.14	0.15	380	246.365	262.5	3.50
		00497-19-8: SODIUM CARBONATE	0.38	0.41	200	918.48	984	---
		00544-92-3: COPPER CYANIDE	0.01	0.03	380	24.44	54.56	3.50
		00557-21-1: ZINC CYANIDE	0.01	0.01	380	22.6275	22.75	3.50
		00590-28-3: CYANIC ACID (POTASSIUM SALT)	1.00E-03	1.00E-03	380	0.10	0.10	3.50
		00630-08-0: CARBON MONOXIDE	0.78	3.33	40,000	884.48	13797.4	---
		01306-19-0: CADMIUM OXIDE	1.00E-03	1.00E-03	---	2.29	2.29	2.70E-04
		01310-58-3: POTASSIUM HYDROXIDE	0.13	0.15	200	232.47	262.5	---
		01310-73-2: SODIUM HYDROXIDE	0.07	2.44	200	110.8176	7170	---
		01314-13-2: ZINC OXIDE	1.00E-03	1.00E-03	---	2.09	2.10	5.90E-03
		01330-20-7: XYLENE,M,O&P MIXT.	4.39	5.40	22,000	6926.4	8640	100
		01335-25-7: LEAD OXIDE	1.00E-03	1.00E-03	---	0.80	0.80	0.04
		07429-90-5: ALUMINUM	2.86E-03	3.00E-03	---	1.15	1.21	2.40
		07439-92-1: LEAD	1.00E-03	1.00E-03	---	5.35	7.20	0.04
		07440-31-5: TIN	0.02	0.02	20	35.02	50	0.24
		07440-36-0: ANTIMONY	1.00E-03	1.00E-03	---	1.60	1.60	1.20
		07440-38-2: ARSENIC	0.02	0.02	---	50	50	2.30E-04
		07440-43-9: CADMIUM	1.00E-03	1.00E-03	---	1.20	1.20	2.40E-04
		07440-66-6: ZINC	0.07	0.07	---	107	107	45
		07446-09-5: SULFUR DIOXIDE	3.55E-03	1.52	196	24.7354	364.8	80
		07631-90-5: SODIUM BISULFITE	1.00E-03	1.00E-03	---	2.00	2.00	12
		07632-00-0: SODIUM NITRITE	0.08	0.08	---	192	192	0.10
		07646-85-7: ZINC CHLORIDE (FUME)	0.03	0.03	200	90.9992	96	2.40
		07647-01-0: HYDROGEN CHLORIDE	0.41	2.11	2,100	663.04	6430	20
		07664-38-2: PHOSPHORIC ACID	0.39	0.57	300	737.8	1092	10
		07664-39-3: HYDROGEN FLUORIDE	1.00E-03	1.00E-03	5.60	1.60	1.60	0.07
		07664-41-7: AMMONIA	0.08	0.40	2,400	84.3	600	100
		07664-93-9: SULFURIC ACID	0.29	44	120	241.605	1386	1.00
		07697-37-2: NITRIC ACID	0.07	0.13	86	125.67	200	12
		07718-54-9: NICKEL CHLORIDE	0.02	0.02	0.20	0.30	0.30	9.20E-03
		07783-06-4: HYDROGEN SULFIDE	0.01	0.01	---	18.8	18.8	2.00
		07786-81-4: NICKEL (+2) SULFATE	0.01	0.02	0.20	7.12	7.50	0.01
		08030-30-6: NAPHTHA	2.32	2.32	---	1450	1450	900
		10043-35-3: BORATE	1.00E-03	1.00E-03	---	2.00	2.00	4.80
		10101-97-0: NICKEL SULFATE	0.01	0.01	---	19.2	19.2	0.02
		10102-43-9: NITROGEN OXIDE	0.06	0.08	---	6284.8	9600	74
		10102-44-0: NITROGEN DIOXIDE	0.41	0.41	188	684.448	686.8	100
		10588-01-9: SODIUM DICHROMATE	0.02	0.02	---	36	36	5.10E-05
		11115-74-5: CHROMIC ACID	0.31	0.35	---	656.6	5448	4.50E-05
		12125-02-9: AMMONIUM CHLORIDE	0.02	0.02	380	46.08	46.08	24
		NY075-00-0: PARTICULATES	0.36	26	150	414.2	5184.764	---
Metal alloys or foil, miscellaneous, including solder, pewter, brass, bronze, or tin, lead or gold foil, or similar products	Metal alloys or foil, miscellaneous, including solder, pewter, brass, bronze, or tin, lead or gold foil, or similar products	00064-17-5: ETHANOL	2.66	3.00	---	4203.6	4800	45,000
		00067-56-1: METHANOL	0.01	0.01	33,000	17	17	4,000
		00067-63-0: ISOPROPYL ALCOHOL	0.10	0.10	98,000	218.9	218.9	7,000
		00074-90-8: HYDROGEN CYANIDE	1.00E-03	1.00E-03	520	1.92	1.92	0.80
		00078-93-3: METHYL ETHYL KETONE	1.40	1.40	13,000	1960	1960	5,000
		00093-43-6: LACTOL	1.00E-03	1.00E-03	---	2.10	2.10	---
		00108-10-1: METHYL ISOBUTYL KETONE	0.31	0.31	31,000	12.75	12.75	3,000
		00108-88-3: TOLUENE	10.84193	11.64	37,000	10896.921	11716.32	5,000
		00141-78-6: ETHYL ACETATE	0.11	0.11	---	235.9	235.9	3,400
		00544-92-3: COPPER CYANIDE	5.00E-03	5.00E-03	380	10	10	3.50
		00630-08-0: CARBON MONOXIDE	0.65	0.70	40,000	1004.4238	1080	---
		01310-73-2: SODIUM HYDROXIDE	1.00E-03	1.00E-03	200	0.19	0.19	---
		07439-42-1: LEAD	0.12	0.13	---	381.541	400	0.04
		07439-92-1: LEAD	1.00E-03	1.00E-03	---	1.00E-03	1.00E-03	0.04
		07440-31-5: TIN	0.02	0.02	20	34.961	41.45	0.24
		07440-36-0: ANTIMONY	5.30E-03	6.00E-03	---	10.16534	11.82	1.20
		07440-43-9: CADMIUM	1.00E-03	1.00E-03	---	1.19	1.20	2.40E-04
		07440-50-8: COPPER	9.30E-04	1.00E-03	---	1.73	1.80	490
		07647-01-0: HYDROGEN CHLORIDE	0.53	0.53	2,100	1102	1102	20
		NY075-00-0: PARTICULATES	0.74	1.08	150	1179.2	1728	---
Metal or metal products, treatment or processing, including enameling, japanning, lacquering, galvanizing, or similar processes	Metal or metal products, treatment or processing, including enameling, japanning, lacquering, galvanizing, or similar processes	00050-00-0: FORMADEHYDE	6.00E-03	6.00E-03	30	12	12	0.06
		00067-56-1: METHANOL	0.18	0.19	33,000	354.2932	380	4,000
		00067-63-0: ISOPROPYL ALCOHOL	0.31	0.32	98,000	238.465	256	7,000
		00067-64-1: ACETONE	0.32	0.32	180,000	256	256	30,000
		00071-36-3: BUTYL ALCOHOL, N-	0.08	0.08	---	2.00	2.00	1,500
		00078-83-1: ISOBUTYL ALCOHOL	2.22	2.40	---	1575.68	1728	360
		00078-93-3: METHYL ETHYL KETONE	3.90	3.90	13,000	2797	2797	5,000
		00108-10-1: METHYL ISOBUTYL KETONE	0.70	0.70	31,000	560	560	3,000
		00108-88-3: TOLUENE	3.67	4.67	37,000	1251.36	1402	5,000
		00111-76-2: ETHYLENGLYCOLMONBUTY	0.08	0.08	14,000	22.46	24	1,600
		00112-34-5: BUTYL CARBITOL	0.08	0.08	370	2.00	2.00	200
		00123-86-4: BUTYL ACETATE	0.69	0.70	95,000	974.78	1006	17,000
		00124-38-9: CARBON DIOXIDE	0.08	0.08	---	18	18	21,000
		01309-37-1: IRON OXIDE	0.25	0.25	---	490	490	12
		01310-73-2: SODIUM HYDROXIDE	0.02	0.02	200	46	46	---
		01330-20-7: XYLENE,M,O&P MIXT.	0.40	0.42	22,000	313.3732	336	100
		07664-41-7: AMMONIA	0.23	0.24	2,400	46.5875	50	100
		08032-32-4: LIGROINE	0.06	0.06	---	52.8	52.8	900
		NY075-00-0: PARTICULATES	0.53	0.81	150	615.735	720	---
Metal casting or foundry products, heavy, including ornamental iron work, or similar products	Metal casting or foundry products, heavy, including ornamental iron work, or similar products	00067-63-0: ISOPROPYL ALCOHOL	0.90	0.96	98,000	45.69	48	7,000
		00067-64-1: ACETONE	0.16	0.17	180,000	41.0575	43	30,000
		00071-36-3: BUTYL ALCOHOL, N-	3.00E-03	3.00E-03	---	5.60	5.60	1,500
		00071-55-6: METHYL CHLOROFORM	8.07	8.07	9,000	2017.5	2017.5	5,000
		00074-82-8: METHANE	1.00E-03	1.00E-03	---	1.60	1.60	1,600
		00078-93-3: METHYL ETHYL KETONE	0.96	1.08	13,000	1461.722	1691	5,000
		00079-00-5: TRICHLOROETHANE, 1, 1, 2	0.53	0.53	---	53	53	1.40
		00108-10-1: METHYL ISOBUTYL KETONE	4.60	4.93	31,000	8599.944	9244	3,000
		00108-88-3: TOLUENE	2.49	2.67	37,000	3610.8	5001	5,000
		00123-86-4: BUTYL ACETATE	0.06	0.06	95,000	15.25	15.25	17,000
		00630-08-0: CARBON MONOXIDE	3.79E-03	4.00E-03	40,000	5.62	6.40	---
		01314-13-2: ZINC OXIDE	0.03	0.04	---	5.32	5.54	5.90E-03
		01330-20-7: XYLENE,M,O&P MIXT.	1.45	1.53	22,000	2680.706	2877	100

Industry City Rezoning - Industrial Source Analysis Emissions Profile

Use Group	Representative Processes Included	CAS No: Pollutant	Emissions (ST) (lb/hr) 93rd Percentile	Emissions (ST) (lb/hr) Max	SGC	Emissions (AN) (lb/yr) 93rd Percentile	Emissions (AN) (lb/yr) Max	AGC
		01344-28-1: ALUMINUM OXIDE	0.04	0.04	---	64	64	4.50
		07429-90-5: ALUMINUM	0.05	0.05	---	80	80	2.40
		07446-09-5: SULFUR DIOXIDE	0.08	0.11	196	48.416	66	80
		08030-30-6: NAPHTHA	0.07	0.07	---	16.75	16.75	900
		10102-44-0: NITROGEN DIOXIDE	0.09	0.09	188	57	57	100
		NY075-00-0: PARTICULATES	0.56	1.80	150	421.84	2880	---
Monument works, with no limitation on processing								
	Monument works, with no limitation on processing	NY075-00-0: PARTICULATES	0.02	0.02	150	24.9424	28	---
Paint, varnishes, or turpentine								
	No permitted sources identified.	---	---	---	---	---	---	---
Plastic, raw								
	Plastic, raw	00050-00-0: FORMADEHYDE	0.06	0.06	30	123.6	123.6	0.06
		00064-17-5: ETHANOL	8.73	10.8	---	14377.6	17200	45,000
		00064-19-7: ACETIC ACID	1.00E-03	1.00E-03	3,700	6.24	6.24	60
		00067-56-1: METHANOL	0.02	0.02	33,000	42	42	4,000
		00067-63-0: ISOPROPYL ALCOHOL	8.29	15.14	98,000	9095.52	20496	7,000
		00067-64-1: ACETONE	5.69	6.35	180,000	6312	8300	30,000
		00071-23-8: PROPANOL	1.00E-03	1.00E-03	---	1.00	1.00	590
		00075-01-4: VINYL CHLORIDE	0.02	0.02	180,000	91.175	98	0.11
		00075-09-2: DICHLOROMETHANE	0.01	0.01	14,000	16	16	60
		00078-83-1: ISOBUTYL ALCOHOL	6.09	6.47	---	9763.2	10368	360
		00078-93-3: METHYL ETHYL KETONE	4.59	5.52	13,000	8636	10400	5,000
		00085-68-7: BUTYL BENZYL PHTHALA	0.47	0.47	---	1880	1880	0.42
		00091-20-3: NAPTHALENE	0.82	0.82	7,900	624	624	3.00
		00100-41-4: ETHYL BENZENE	1.00E-03	1.00E-03	---	4.80	4.80	1,000
		00100-42-5: STYRENE	0.02	0.03	17,000	443.5	650	1,000
		00107-13-1: ACRYLONITRILE	0.02	0.02	---	33	33	0.02
		00107-92-6: 0	1.00E-03	1.00E-03	---	6.24	6.24	---
		00108-10-1: METHYL ISOBUTYL KETONE	4.90	5.52	31,000	9224	10400	3,000
		00108-88-3: TOLUENE	7.25	9.64	37,000	11024.92	15424	5,000
		00108-95-2: PHENOL	1.00E-03	1.00E-03	5,800	4.80	4.80	20
		00109-99-9: TETRAHYDROFURAN	0.02	0.02	30,000	52.8	52.8	350
		00110-82-7: CYCLOHEXANE	1.00E-03	1.00E-03	---	6.24	6.24	6,000
		00117-81-7: DIOCTYL PHTHALATE	0.28	0.28	---	1630	1630	0.42
		00123-31-9: HYDROQUINONE	1.00E-03	1.00E-03	---	0.01	0.01	2.40
		00123-86-4: BUTYL ACETATE	1.82	1.96	95,000	2275	2450	17,000
		00141-43-5: MONOETHANOLAMINE	1.00E-03	1.00E-03	1,500	2.00	2.00	18
		00141-78-6: ETHYL ACETATE	0.62	0.67	---	2991.72	3216	3,400
		00142-82-5: N-HEPTANE	0.60	0.60	210,000	2400	2400	3,900
		00630-08-0: CARBON MONOXIDE	1.80	3.14	40,000	9643.56	13458	---
		01310-73-2: SODIUM HYDROXIDE	2.86E-03	3.00E-03	200	3.79	3.96	---
		01335-25-7: LEAD OXIDE	1.00E-03	1.00E-03	---	1.60	1.60	0.04
		07439-92-1: LEAD	1.00E-03	1.00E-03	---	1.76	1.76	0.04
		07440-31-5: TIN	1.00E-03	1.00E-03	20	1.76	1.76	0.24
		07446-09-5: SULFUR DIOXIDE	0.37	1.00	196	299.41082	800	80
		07647-01-0: HYDROGEN CHLORIDE	1.00E-03	1.00E-03	2,100	0.50	0.50	20
		07664-38-2: PHOSPHORIC ACID	4.87	4.87	300	9.95	9.95	10
		07664-41-7: AMMONIA	0.84	0.98	2,400	4222.4	4900	100
		07664-93-9: SULFURIC ACID	1.00E-03	1.00E-03	120	2.00	2.00	1.00
		08030-30-6: NAPHTHA	2.05	2.20	---	2557.5	2750	900
		09002-86-2: POLYVINYL CHLORIDE	1.00E-03	1.00E-03	---	0.20	0.20	2.40
		10102-44-0: NITROGEN DIOXIDE	0.01	0.01	188	20	20	100
		11115-74-5: CHROMIC ACID	0.70	0.75	---	148.905	160	4.50E-05
		NY075-00-0: PARTICULATES	1.13	7.80	150	5335.04	16000	---
Porcelain products, including bathroom or kitchen equipment or similar products								
	Porcelain products, including bathroom or kitchen equipment or similar products	NY075-00-0: 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	00050-00-0: FORMADEHYDE	0.47	0.50	30	1.56	1.60	0.06
		00056-81-5: GLYCERIN	0.13	0.13	---	66	66	240
		00057-12-5: CYANIDES	0.03	0.04	380	55.0966	59.2	3.50
		00064-18-6: FORMIC ACID	1.00E-03	1.00E-03	1,900	0.40	0.40	22
		00064-19-7: ACETIC ACID	1.00E-03	1.00E-03	3,700	0.40	0.40	60
		00067-56-1: METHANOL	0.47	0.50	33,000	465.38	500	4,000
		00067-63-0: ISOPROPYL ALCOHOL	0.01	0.01	98,000	4.00	4.00	7,000
		00074-90-8: HYDROGEN CYANIDE	1.00E-03	1.00E-03	520	0.25	0.25	0.80
		00075-05-8: ACETONITRILE	0.01	0.01	---	4.00	4.00	60
		00075-21-8: ETHYLENE OXIDE	2.00E-03	2.00E-03	18	0.50	0.50	0.02
		00078-59-1: ISOPHORONE	0.05	0.05	2,800	100	100	---
		00078-93-3: METHYL ETHYL KETONE	1.00E-03	1.00E-03	13,000	0.80	0.80	5,000
		00108-88-3: TOLUENE	0.97	1.08	37,000	1516.32	1728	5,000
		00110-54-3: HEXANE	2.47	2.47	---	1976	1976	700
		00111-76-2: ETHYLENGLYCOLMONBUTY	0.05	0.05	14,000	90	90	1,600
		00124-38-9: CARBON DIOXIDE	22.41	22.41	---	98.6	98.6	21,000
		00143-33-9: SODIUM CYANIDE	1.00E-03	1.00E-03	380	1.42	1.60	3.50
		00630-08-0: CARBON MONOXIDE	1.12	1.12	40,000	2688	2688	---
		01310-73-2: SODIUM HYDROXIDE	0.03	0.05	200	49.88	72	---
		01313-99-1: NICKEL OXIDE	1.00E-03	1.00E-03	0.20	1.60	1.60	5.30E-03
		01314-13-2: ZINC OXIDE	0.02	0.02	---	8.30	8.30	5.30E-03
		01330-20-7: XYLENE,M,O&P MIXT.	0.02	0.02	22,000	46.1	46.1	100
		01335-25-7: LEAD OXIDE	5.65E-03	6.00E-03	---	3.73	4.00	0.04
		07439-42-1: LEAD	2.00E-03	2.00E-03	---	4.00	4.00	0.04
		07439-92-1: LEAD	1.00E-03	1.00E-03	---	0.88	0.88	0.04
		07440-31-5: TIN	1.00E-03	1.00E-03	20	0.88	0.88	0.24
		07440-43-9: CADMIUM	1.00E-03	1.00E-03	---	1.00E-03	1.00E-03	2.40E-04
		07440-66-6: ZINC	1.00E-03	1.00E-03	---	1.32	1.32	45
		07446-09-5: SULFUR DIOXIDE	0.30	0.35	196	301.735	350	80
		07647-01-0: HYDROGEN CHLORIDE	1.34	1.90	2,100	1302.2	1900	20
		07664-38-2: PHOSPHORIC ACID	1.00E-03	1.00E-03	300	1.60	1.60	10
		07664-39-3: HYDROGEN FLUORIDE	0.01	0.01	5.60	0.01	0.01	0.02
		07664-41-7: AMMONIA	8.66	12.03	2,400	4329.808	6013	100
		07664-93-9: SULFURIC ACID	0.01	0.01	120	30.674	35	1.00
		07697-37-2: NITRIC ACID	0.07	0.07	86	24.8676	27.2	12
		07726-95-6: BROMINE	5.00E-03	5.00E-03	130	3.20	3.20	1.60
		07727-43-7: BARIUM SULFATE	1.00E-03	1.00E-03	---	0.02	0.02	12
		07783-06-4: HYDROGEN SULFIDE	1.69	3.31	---	4.10	6.05	2.00
		08030-30-6: NAPHTHA	0.00E+00	0.00E+00	---	1260	1260	900
		08032-32-4: LIGROINE	1.00	1.00	---	1.00	1.00	900
		10102-44-0: NITROGEN DIOXIDE	0.34	0.39	188	336.2008	390	100
		11115-74-5: CHROMIC ACID	1.00E-03	1.00E-03	---	8.25	8.80	4.50E-05
		14807-96-6: TALC	0.28	0.30	---	145.192	156	4.80
		NY075-00-0: PARTICULATES	1.03	9.76	150	242.86	2186	---
Soaps or detergents								
	Soaps or detergents	00064-17-5: ETHANOL	1.00E-03	1.00E-03	---	1.50	1.50	45,000
		00151-50-8: POTASSIUM CYANIDE	1.00E-03	1.00E-03	380	1.60	1.60	3.50
		00557-05-1: ZINC STEARATE	1.00E-03	1.00E-03	---	1.20	1.20	24
		00630-08-0: CARBON MONOXIDE	2.00E-03	2.00E-03	40,000	3.20	3.20	---
		01306-19-0: CADMIUM OXIDE	0.04	0.04	---	0.13	0.13	2.70E-04
		01310-73-2: SODIUM HYDROXIDE	1.00E-03	1.00E-03	200	2.00	2.00	---
		07428-48-0: LEAD STEARATE	1.00E-03	1.00E-03	---	0.60	0.60	0.09
		07446-09-5: SULFUR DIOXIDE	4.72E-03	5.00E-03	196	9.41	10	80
		07647-01-0: HYDROGEN CHLORIDE	0.01	0.01	2,100	0.64	0.64	20
		07664-41-7: AMMONIA	1.00E-03	1.00E-03	2,400	1.60	1.60	100
		07664-93-9: SULFURIC ACID	3.00E-03	3.00E-03	120	3.00E-03	3.00E-03	1.00
		07697-37-2: NITRIC ACID	1.00E-03	1.00E-03	86	2.00	2.00	12
		NY075-00-0: PARTICULATES	4.62	49.8	150	1059.77806	1685.903	---
Steel, structural products, including bars, girders, rails, wire rope, or similar products								
	Steel, structural products, including bars, girders, rails, wire rope, or similar products	00050-00-0: FORMADEHYDE	0.16	0.16	30	256	256	0.06
		00056-81-5: GLYCERIN	0.37	0.37	---	712	712	240
		00067-56-1: METHANOL	1.00	1.00	33,000	3.00	3.00	4,000
		00067-63-0: ISOPROPYL ALCOHOL	0.76	0.92	98,000	1878.66	2310	7,000
		00067-64-1: ACETONE	1.26	1.26	180,000	1576	1576	30,000
		00071-36-3: BUTYL ALCOHOL, N-	3.50	5.60	---	3918.1632	8960	1,500
		00074-82-8: METHANE	5.65E-03	6.00E-03	---	8.97	9.60	1,600
		00074-97-5: CHLOROBROMOMETHAN	1.00E-03	1.00E-03	---	1.40	1.40	2,500
		00075-12-7: FORMAMIDE	0.25	0.25	---	476	476	43
		00078-83-1: ISOBUTYL ALCOHOL	3.56	4.32	---	5201.28	6048	360
		00078-93-3: METHYL ETHYL KETONE	1.85	2.10	13,000	1587	1762	5,000
		00079-01-6: TRICHLOROETHYLENE	4.95	5.28	20	7421.6	7920	0.20
		00091-20-3: NAPTHALENE	1.00	1.00	7,900	2.00	2.00	3.00
		00108-10-1: METHYL ISOBUTYL KETONE	0.09	0.09	31,000	176.6	176.6	3,000
		00108-88-3: TOLUENE	3.13	6.48	37,000	4281.6	7700	5,000
		00111-46-6: GLYCOL ETHERS	14.5178	15.6	370	23244.16	24960	200
		00111-76-2: ETHYLENGLYCOLMONBUTY	1.05	1.14	14,000	1756.8	1824	1,600
		00112-34-5: BUTYL CARBITOL	0.61	0.65	370	968.32	1040	200
		00121-44-8: TRIETHYLAMINE	0.65	0.65	2,800	1040	1040	7.00
		00123-86-4: BUTYL ACETATE	1.63	1.80	95,000	2366	2520	17,000
		00127-18-4: TETRACHLOROETHYLENE	2.00	2.00	300	400	400	4.00
		00141-78-6: ETHYL ACETATE	0.76	0.81	---	1218.72	1296	3,400
		00143-33-9: SODIUM CYANIDE	0.05	0.05	380	80	80	3.50
		00540-88-5: BUTYL ACETATE, TERT-	0.12	0.12	---	192	192	2,300
		00630-08-0: CARBON MONOXIDE	5.55	12.68	40,000	348.768	7560	---
		01310-73-2: SODIUM HYDROXIDE	0.15	0.20	200	298.4	640	---
		01330-20-7: XYLENE,M,O&P MIXT.	13.7047	33.535	22,000	13429.688	34876.4	100
		01335-25-7: LEAD OXIDE	1.00E-03	1.00E-03	---	0.04	0.04	0.04
		02807-30-9: ETHYLENEGLYCOL MONOPROPYL ETHER	0.29	0.30	370	470.58021	506	200
		07439-89-6: IRON	0.14	0.15	---	28.3998	30	---
		07440-02-0: NICKEL	4.00E-03	4.00E-03	0.20	0.96	0.96	4.20E-03
		07440-44-0: CARBON	2.80	3.25	---	17.856	19.2	---
		07446-09-5: SULFUR DIOXIDE	4.95E-03	0.16	196	9.85	226.8	80
		07664-38-2: PHOSPHORIC ACID	3.79E-03	4.00E-03	300	2.94	3.00	10
		07664-41-7: AMMONIA	0.02	0.02	2,400	4.00	4.00	100
		08030-30-6: NAPHTHA	27.7789	40.423	---	967.468	1414.6	900
		08032-32-4: LIGROINE	5.50	6.34	---	3725.508	7200	900
		11115-74-5: CHROMIC ACID	4.00E-03	4.00E-03	---	2.83	2.83	4.50E-05
		NY075-00-0: PARTICULATES	1.13	7.46	150	774.0017	8520	---
Stone processing or stone products, including abrasives, asbestos, stone screenings, stone cutting, stone work, sand or lime products, or similar processes or products								
	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	558	558	---	1116	1116	21,000
		00630-08-0: CARBON MONOXIDE	0.60	0.60	40,000	1200	1200	---
		NY075-00-0: PARTICULATES	22	50	150	157.58	200	---
Textile bleaching								
	No permitted sources identified.	---	---	---	---	---	---	---
Wood or lumber processing including sawmills or planning mills, excelsior, plywood, or veneer, wood-preserving treatment, or similar products or processes								
	No permitted sources identified.	---	---	---	---	---	---	---

Industry City Rezoning - Industrial Source Analysis Emissions Profile

Use Group	Representative Processes Included	CAS No: Pollutant	Emissions (ST) (lb/hr)		SGC	Emissions (AN) (lb/yr)		AGC
			93rd Percentile	Max		93rd Percentile	Max	
Current and Past Industry City Use Group 16-17 Tenants								
Art Frames		00064-17-5: ETHANOL	1.15	1.15	---	400	400	45,000
		00067-63-0: ISOPROPYL ALCOHOL	0.44	0.44	98,000	110	110	7,000
		00067-64-1: ACETONE	0.76	0.76	180,000	87.847	87.847	30,000
		00078-93-3: METHYL ETHYL KETONE	0.88	0.88	13,000	220	220	5,000
		00107-98-2: PROPYLENE GLYCOL METHYL ET	0.06	0.06	36,850	14	14	2,000
		00108-10-1: METHYL ISOBUTYL KETONE	0.66	0.66	31,000	165	165	3,000
		00123-86-4: BUTYL ACETATE	1.90	1.90	95,000	30	30	17,000
		07732-18-5: WATER MIST	20	20	---	100	100	---
		34590-94-8: DIPROPYLENE GLYCOL METHYL ETHER	0.03	0.03	91,000	7.00	7.00	1,400
		64742-89-8: NAPHTHA LIGHT ALIPHATIC	3.93	3.93	---	7860	7860	3,200
		NY075-00-0: PARTICULATES	0.03	0.04	150	8.43	8.50	---
		NY990-00-0: MISCELLANEOUS ORG	1.32	1.32	---	330	330	---
Christmas decorations manufacturing / products manufacture, custom		NY075-00-0: PARTICULATES	0.05	0.05	150	60	60	---
Clothing/woodworking		NY075-00-0: PARTICULATES	1.00E-03	1.00E-03	150	0.10	0.10	---
Cosmetics		00067-64-1: ACETONE	2.00E-03	2.00E-03	180,000	3.20	3.20	30,000
		00108-88-3: TOLUENE	1.89	1.89	37,000	3267	3267	5,000
		NY075-00-0: PARTICULATES	9.00E-03	9.00E-03	150	11.281	11.281	---
Custom millwork and finishing		00111-76-2: ETHYLENGLYCOLMONBUTY	0.18	0.18	14,000	16	16	1,600
Custom woodworking		00050-00-0: FORMADEHYDE	1.00E-03	1.00E-03	30	1.22	1.22	0.06
		00064-17-5: ETHANOL	3.00E-03	3.00E-03	---	17.961	17.961	45,000
		00067-56-1: METHANOL	2.00E-03	2.00E-03	33,000	16.732	16.732	4,000
		00067-63-0: ISOPROPYL ALCOHOL	0.02	0.02	98,000	112.739	112.739	7,000
		00067-64-1: ACETONE	0.01	0.01	180,000	87.847	87.847	30,000
		00071-36-3: BUTYL ALCOHOL, N-	6.00E-03	6.00E-03	---	42.38	42.38	1,500
		00084-74-2: DIBUTYL PHALATE	4.00E-03	4.00E-03	---	30.876	30.876	12
		00100-41-4: ETHYL BENZENE	1.00E-03	1.00E-03	---	4.89	4.89	1,000
		00107-98-2: PROPYLENE GLYCOL METHYL ET	0.07	0.07	36,850	530.381	530.381	2,000
		00108-88-3: TOLUENE	0.04	0.04	37,000	306.508	306.508	5,000
		00112-07-2: BUTOXYETHYL ACETATE	1.00E-03	1.00E-03	---	4.18	4.18	310
		00123-86-4: BUTYL ACETATE	0.06	0.06	95,000	442.94	442.94	17,000
		00141-78-6: ETHYL ACETATE	3.00E-03	3.00E-03	---	19.253	19.253	3,400
		00628-63-7: AMYL ACETATE, N-	0.01	0.01	53,000	81.705	81.705	630
		01330-20-7: XYLENE,M,O&P MIXT.	3.00E-03	3.00E-03	22,000	20.916	20.916	100
		01332-58-7: KAOLIN (CLAY)	8.00E-03	8.00E-03	---	58.118	58.118	4.80
		13463-67-7: TITANIUM DIOXIDE	0.02	0.02	---	152.97	152.97	24
		14807-96-6: TALC	8.00E-03	8.00E-03	---	57.412	57.412	4.80
		64742-89-8: NAPHTHA LIGHT ALIPHATIC	0.15	0.15	---	104.58	104.58	3,200
		NY075-00-0: PARTICULATES	0.05	0.05	150	57.6	66	---
		NY990-00-0: MISCELLANEOUS ORG	2.22	2.27	---	4340.85	4540	---
Furniture manufacture		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	180,000	1225	1225	30,000
		00071-36-3: BUTYL ALCOHOL, N-	0.66	0.66	---	1056	1056	1,500
		00078-93-3: METHYL ETHYL KETONE	1.99	2.01	13,000	3150.13	3216	5,000
		00100-41-4: ETHYL BENZENE	0.11	0.11	---	84	84	1,000
		00108-10-1: METHYL ISOBUTYL KETONE	2.10	2.10	31,000	3360	3360	3,000
		00108-88-3: TOLUENE	1.98	1.98	37,000	2529	2550	5,000
		00123-86-4: BUTYL ACETATE	1.40	1.57	95,000	1797.4	2020	17,000
		01330-20-7: XYLENE,M,O&P MIXT.	3.43	3.66	22,000	3422.28	3660	100
		08032-32-4: UGRONE	0.11	0.11	---	84	84	900
		64742-89-8: NAPHTHA LIGHT ALIPHATIC	0.22	0.22	---	176	176	3,200
		NY075-00-0: PARTICULATES	0.25	0.33	150	69.1936	77	---
		NY990-00-0: MISCELLANEOUS ORG	1.13	1.13	---	1695	1695	---
Lamp shade manufacturing / products manufacture, custom		NY075-00-0: PARTICULATES	0.17	0.18	150	14	14	---
		00108-88-3: TOLUENE	1.60	1.60	37,000	2800	2800	5,000
Leather belts (leather tanning, curing, finishing or dyeing)		00064-17-5: ETHANOL	1.00	1.00	---	400	400	45,000
		00108-88-3: TOLUENE	1.00	1.00	37,000	400	400	5,000
		NY075-00-0: PARTICULATES	0.03	0.03	150	10	10	---
Paint manufacture		NY075-00-0: PARTICULATES	1.00E-03	1.00E-03	150	0.13	0.13	---
Paper and print processing		NY075-00-0: PARTICULATES	1.00E-03	1.00E-03	150	20.2	20.2	---
Printing or publishing, with no limitation on floor area		NY075-00-0: PARTICULATES	0.01	0.01	150	20	20	---
Silk screening / textiles printing		00100-51-6: BENZYL ALCOHOL	0.06	0.06	1,300	51.68	51.68	350
		00108-94-1: CYCLOHEXONE	0.02	0.02	20,000	18.8	18.8	190
		00112-07-2: BUTOXYETHYL ACETATE	6.00E-03	6.00E-03	---	4.72	4.72	310
		00123-42-2: DIACETONE ALCOHOL	4.00E-03	4.00E-03	---	2.88	2.88	570
		64742-95-6: NAPHTHA LIGHT AROMATIC	0.04	0.04	---	30.4	30.4	100
		NY075-00-0: PARTICULATES	0.17	0.17	150	340	340	---
		NY998-00-0: TOTAL ORGANIC SOLVE	0.61	0.61	---	3.30	3.30	---