

**Attachment 1
TOXIC AIR POLLUTANTS**

Pollutant	PLANT LEVEL THRESHOLDS	
	Round to Nearest:	
	Lbs / hour	Tons/year
Acetaldehyde	0.1	0.1
Acetamide	0.1	1
Acetonitrile	1	1
Acetophenone	0.1	1
2-Acetylaminofluorene	0.01	0.01
Acrolein	0.001	0.01
Acrylamide	0.0001	0.0001
Acrylic Acid	0.1	0.1
Acrylonitrile	0.01	0.01
Allyl chloride	0.01	0.1
4- Aminobiphenyl	0.01	0.1
Ammonia	0.1	1
Aniline	0.1	0.1
o-Anisidine	0.001	0.01
Antimony & compounds	0.001	0.01
Arsenic & compounds	0.0001	0.0001
Benzene	0.01	0.1
Benzidene	0.01	0.00001
Benzotrichloride	0.01	0.0001
Benzyl chloride	0.01	0.1
Beryllium & compounds	0.00001	0.0001
Biphenyl	0.01	0.1
Bis (2-ethylhexyl) phthalate	0.01	0.1
Bis (chloromethyl) ether	0.00001	0.00001
Bromoform	0.01	0.1
1,3-Butadiene	0.01	0.001
Cadmium & compounds	0.0001	0.0001
Calcium cyanamide	0.001	0.01
Captan	0.01	0.1
Carbaryl	0.01	0.1
Carbon disulfide	0.1	1
Carbon tetrachloride	0.1	0.01
Carbonyl sulfide	0.1	1
Catechol	0.1	1
Chloramben	0.1	1
Chlordane	0.001	0.01
Chlorine	0.01	0.1
Chlorine dioxide	0.001	0.01
Chloroacetic acid	0.01	0.1
2-Chloroacetophenone	0.001	0.01
Chlorobenzene	0.1	1
Chlorobenzilate	0.01	0.1
Chloroform	0.1	0.01

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Chloromethyl methyl ether	0.01	0.1
Chloroprene	0.1	1
Chromium (Elemental) Compounds	0.001	0.01
Chromium III Compounds	0.001	0.01
Chromium VI Compounds	0.001	0.00001
Cobalt & compounds	0.0001	0.001
Coke oven emissions	0.001	0.001
Copper	0.001	0.01
Cresol/Cresylic acid	0.1	1
0-Cresol	0.1	1
m-Cresol	0.1	1
p-Cresol	0.1	1
Cumene	1	10
Cyanide Compounds	0.01	0.1
2,4-D (including salts and esters)	0.1	0.1
DDE	0.01	0.1
Diazomethane	0.001	0.01
Dibenzofuran	0.1	1
1,2-Dibromo-3-chloropropane	0.01	1
Dibutyl phthalate	0.01	0.1
1,4-Dichlorobenzene(P)	1	0.1
3,3'-Dichlorobenzidine	0.001	0.001
Dichloroethyl ether	0.1	1
1,2-Dichloropropane	1	10
1,3-Dichloropropene	0.01	0.01
Dichlorvos	0.01	0.01
Dieldrin	0.001	0.01
Diethanolamine	0.01	0.1
Diethyl sulfate	0.01	0.1
3,3'-Dimethoxybenzidine	0.1	0.1
4-Dimethylaminoazobenzene	0.01	0.01
N,N-Dimethylaniline	0.1	1
3,3'-Dimethylbenzidine	0.1	0.1
Dimethylcarbamoyl chloride	0.01	0.1
N,N-Dimethylformamide	0.1	1
1,1-Dimethylhydrazine	0.0001	0.0001
Dimethyl phthalate	0.01	0.1
Dimethyl sulfate	0.001	0.01
4,6-Dinitro-o-cresol (including salts)	0.001	0.01
2,4-Dinitrophenol	0.001	0.001
2,4-Dinitrotoluene	0.01	0.1
1,4-dioxane	1	0.1
1,2-Diphenylhydrazine	0.01	0.001

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Epichlorohydrin	0.01	0.1
1,2-Epoxybutane	0.01	0.01
Ethyl acrylate	0.1	0.01
Ethyl benzene	1	10
Ethyl carbamate	0.01	0.1
Ethyl chloride	0.001	0.01
Ethylene dibromide	1	0.001
Ethylene dichloride	0.1	0.01
Ethylene glycol	1	1
Ethyleneimine	0.01	0.01
Ethylene oxide	0.01	0.001
Ethylene thiourea	0.1	0.01
Ethylidene dichloride	1	10
Formaldehyde	0.001	0.01
Glycol ethers	0.1	1
Heptachlor	0.0001	0.001
Hexachlorobenzene	0.00001	0.001
Hexachlorobutadiene	0.001	0.01
1,2,3,4,5,6-Hexachlorocyclohexane (including all stereo isomers)	0.001	0.01
Hexachlorocyclopentadiene	0.001	0.001
Hexachloroethane	0.1	0.1
Hexamethylene diisocyanate	0.0001	0.001
Hexamethylphosphoramide	0.1	0.1
n-Hexane	1	10
Hydrazine	0.001	0.001
Hydrochloric acid	0.1	0.1
Hydrogen fluoride	0.01	0.1
Hydroquinone	0.01	0.1
Isophorone	0.1	1
Lead & compounds	0.0001	0.001
Maleic anhydride	0.01	0.01
Manganese & compounds	0.001	0.01
Mercury & compounds	0.0001	0.001
Methanol	1	10
Methoxychlor	0.1	0.1
Methyl bromide	0.01	0.01
Methyl chloride	0.1	0.1
Methyl chloroform	10	10
Methyl ethyl ketone (MEK)	10	10
Methyl hydrazine	0.0001	0.001
Methyl iodide	0.1	0.1
Methyl isobutyl ketone (MIBK)	1	10

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Methyl isocyanate	0.0001	0.001
Methyl methacrylate	1	10
Methyl tert-butyl ether (MTBE)	1	10
4,4'-Methylenebis(2-chloroaniline)	0.001	0.01
Methylene chloride	1	1
4,4'-Methylenediphenyl diisocyanate (MDI)	0.0001	0.001
4,4'-Methylenedianiline	0.01	0.01
Naphthalene	0.1	1
Nickel & compounds	0.001	0.001
Nitrobenzene	0.01	0.1
4-Nitrobiphenyl	0.1	0.1
4-Nitrophenol	0.01	0.01
2-Nitropropane	0.1	0.0001
N-Nitroso-N-methylurea	0.001	0.01
N-Nitrosodimethylamine	0.001	0.00001
N-Nitrosomorpholine	0.01	0.01
Parathion	0.001	0.001
Pentachloronitrobenzene	0.001	0.01
Pentachlorophenol	0.001	0.01
Phenol	0.1	1
p-Phenylenediamine	0.001	0.001
Phosgene	0.001	0.01
Phosphine	0.001	0.01
Phosphorus	0.001	0.001
Phthalic anhydride	0.1	0.1
PCB	0.01	0.001
POM (PAHs) ^a	As Individual Pollutant (See Below)	
1,3-Propane sultone	10	10
Beta-Propiolactone	0.01	0.1
Propionaldehyde	0.1	0.1
Propoxur	0.001	0.01
Propylene oxide	0.1	0.1
1,2-Propylenimine	0.01	0.1
Quinoline	0.01	0.1
Quinone	0.001	0.01
Selenium & Compounds	0.001	0.01
Styrene	1	1
Styrene oxide	0.1	0.1
2,3,7,8,-TCDF/2,3,7,8-TCDD ^b	0.0000001	0.0000001
1,1,2,2-Tetrachloroethane	0.1	0.1
Tetrachloroethylene	1	10
Titanium Tetrachloride	0.01	0.1
Toluene	1	10

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Toluene-2,4-damine	0.0001	0.0001
2,4-Toluene Diisocyanate	0.0001	0.01
o-Toluidine	0.1	0.01
Toxaphene	0.001	0.001
1,2,4-Trichlorobenzene	0.1	1
1,1,2-Trichloroethane	0.1	1
Trichloroethylene	1	10
2,4,5-Trichlorophenol	0.01	0.1
2,4,6-Trichlorophenol	0.01	0.1
Triethylamine	0.01	0.1
Trifluranlin	0.1	0.1
2,2,4-Trimethylpentane	0.1	1
Vinyl acetate	0.1	1
Vinyl bromide	0.1	1
Vinyl chloride	0.1	0.01
Vinylidenen chloride	0.1	1
Xylenes	1	10
o-Xylene	1	10
m-Xylene	1	10
p-Xylene	1	10
Zinc compounds	0.01	0.1
^a POM includes:		
Acenaphthene	0.001	0.01
Acenaphthylene	0.01	0.1
Anthracene	0.001	0.01
Benz(a)anthracene	0.001	0.001
Benzo(a)pyrene	0.001	0.0001
Benzo(b)fluoranthene	0.1	0.001
Benzo(ghi)perylene	0.001	0.01
Benzo(k)fluoranthene	0.01	0.01
Chrysene	0.001	0.01
Dibenzo(a,h)anthracene	0.0001	0.0001
Fluoranthene	0.1	0.1
Fluorene	0.001	0.01
Indeno(1,2,3-cd)pyrene	0.001	0.001
Naphthalene	0.1	1
Phenanthrene	0.01	0.01
Pyrene	0.001	0.01
^b 2,3,7,8-Tetrachlorodibenzofuran/ 2,3,7,8-Tetrachlorodibenzo-p-dioxin. Inventory these HAPS as toxic equivalents (TEQs)		

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