

**APPENDIX H**  
**POLLUTANT LIST AND SYNONYMS INDEX**

This page has been intentionally left blank.

## Appendix H -- Pollutant List and Synonyms Index

### POLLUTANT SYNONYMS INDEX

RBLC ID	POLLUTANT NAME	CAS No.	SYNONYMS	CATEGORIES
3	Acetic Acid	64-19-7	Glacial Acetic Acid Ethanoic Acid Methane - Carboxylic Acid	VOC
4	Acetone	67-64-1	Dimethyl Ketone 2-Propanone Dimethyl Ketel	VOC
318	Acetonitrile	75-05-8	Methyl Cyanide Cyanomethene Ethyl Nitrile	HAP, VOC
314	Acetylene	74-86-2	Ethyne, Ethine	VOC
6	Acid Mist / Gases	NA	Varies by compound	Acid
7	Acrylamide	79-06-1	Acrylic Amide Propenamide 2-Propenamide Acrylamide Monomer	HAP, VOC

9	Acrylic Acid	79-10-7	Acroleic Acid Glacial Acrylic Acid Propenic Acid Ethylene Carboxylic Acid	HAP, VOC
14	Acrylonitrile	107-13-1	Cyanoethylene Propenenitrile Vinyl Cyanide	HAP, VOC
11	Alkene Oxides	NA	Varies by compound	
12	Alkyd Polymers	NA	Varies by compound	VOC
13	Aluminum Oxide	1344-28-1	Alumina Corundum	Inorganic
139	Ammonia (NH <sub>3</sub> )	7664-41-7	Anhydrous ammonia Aromatic ammonia Vaporole	Inorganic
140	Ammonium Compounds	NA	For Example: Ammonium Chloride Ammonium Hydroxide Ammonium Nitrate Ammonium Sulfate	Inorganic
185	Antimony / Antimony Compounds	7440-36-0	Varies by compound	Inorganic, element
15	Argon	13994-71-3	none	Inorganic, element

16	Arsenic / Arsenic Compounds	7440-38-2	Varies by compound	HAP, inorganic, metal, element
17	Asbestos	1332-21-4	Chrysotile Amosite Crocidolite	HAP, inorganic, Metamorphic mineral
19	Barium / Barium Compounds	7440-39-3	For Example: Barium sulfate Barytes Barite blanc fixe barium salt	Inorganic, metal, element, Inorganic, mineral salt
28	Benzene	71-43-2	Benzol Benzole Benzin Phene Phenyl hydride Coal napha Pyrobenzele	HAP, Aromatic hydrocarbon
20	Benzo(a)pyrene	50-32-8	Coal tar pitch Polycyclic organic matter (POM) Polynuclear aromatic hydrocarbon (PAH)	HAP, VOC, PAH, POM
23	Benzotrichloride	98-07-7	Trichloro toluene Benzoic trichloride TrichloroMethyl benzene	HAP, VOC

24	Benzyl Chloride	100-44-7	Phenyl methyl chloride Chlorophenyl methane Chloro methyl benzene alpha chlorotoluene	HAP, VOC
22	Beryllium / Beryllium Compounds	7440-41-7	Cosmogenic beryllium	HAP, inorganic, metal, element
67	Biphenyl	92-52-4	Diphenyl Phenyl Benzene Limonene	HAP, VOC
26	Bromine	7726-95-6	Aqueous bromine	Inorganic, element, halogen
312	1,3-Butadiene	106-99-0	Buta-1,3-diene Biethylene Vinylethylene	HAP, VOC
27	n-Butyl Acetate	123-86-4	Butyl acetate Butyl ethanoate Butyl ester of acetic acid	VOC
132	n-Butyl Alcohol	71-36-3	n-Butanol 1-Butanol Butyl Hydroxide Hydroxyl Butane n-Propyl Carbinol	VOC

36	Cadmium / Cadmium Compounds	7440-43-9	Varies by compound	HAP, metal, inorganic element
29	Calcium / Calcium Compounds	7440-70-2	For Example: Calcium hydroxide slaked lime hydrated lime Calcium oxide quick lime lime burnt lime pebble lime unslaked lime	Metal, inorganic, calcium salt
32	Caprolactam	105-60-2	Aminocaproic lactam Epsilon-Caprolactam Hexahydro-2H-azepin-2-one 2-Oxohexamethyleneimine	organic, solid
33	Carbon Black	1333-86-4	Acetylene black Lamp black Channel black Furnace black Thermal black	organic, solid
49	Carbon Dioxide	124-38-9	Carbonic acid gas Dry ice	GHG, Greenhouse gas
57	Carbon disulfide	75-15-0	Carbon bisulphide Carbon sulfide Dithiocarbonic Aldehyde	HAP

48	Carbon monoxide	630-08-0	Carbon oxide Fluegas Monoxide	GHG, Greenhouse gas
34	Carbon tetrachloride	56-23-5	Carbon oxide Carbon Tet Freon 10 Halon 104 Tetrachloro methane	HAP, GHG, Greenhouse gas
52	Carbonyl sulfide	463-58-1	Carbon monoxide mono- sulfide Carboxy sulfide Monosulfide	HAP, organic gas
56	Cesium	7440-46-2	none	Metal, inorganic element
44	Chlorine / Chlorine Compounds	7782-50-5	For Example: Chlorine dioxide Chlorine gas Chlorine oxide Chlorine peroxide Oxychlorine	HAP, inorganic gas, Halogen
2	3-chloro-4-methyl aniline	95-74-9	Benzenamine 3-Chloro-4-Methyl 2-Chloro-4-Aminotoluene p-Toluidine 3-Chloro 1-Amino-3-Chloro-4-Methylbenzene	VOC

40	Chloroform	67-66-3	Trichloromethane Methane trichloride	HAP, VOC
41	Chromic acid	1333-82-0	Chromic anhydride Chromium trioxide Chromium (VI) oxide	HAP, inorganic
53	Chromium / Chromium Compounds, -3 & -6	7440-47-3	Varies by compound	HAP, inorganic
42	Chromium compounds, -3 only	7440-47-3	Varies by compound	HAP, inorganic, metal salt, Cr 3
55	Chromium Compounds, -6 only	7440-47-3	Varies by compound	HAP, inorganic, metal salt, Cr 6
50	Coal Dust	PM	none	Coal dust
51	Cobalt / Cobalt Compounds	7440-48-4	Varies by compound	HAP, metal, element
58	Copper / Copper Compounds	7440-50-8	Varies by compound	Metal, element
61	Dibutyl Phthalate	84-72-2	di-n-Butyl Phthalate Dibutyl Ester 1,2-Benzene-Dicarboxylic Acid	HAP, VOC
60	1, 4-Dichlorobenzene	106-46-7	para-DCB Dichlorocide	HAP, VOC

			para-dichlorobenzene	
59	1, 4-dichloro-2-butene	764-41-0	Dichlorotoluene 1, 4-DCB	VOC
35	Dichlorodifluoromethan	75-71-8	Freon 12 Halon 12 Fluorocarbon12	Greenhouse Gas, CFC
62	Diisobutyl Ketone	108-83-8	Sym Diisopropyl Acetone 2, 6-Dimethyl-4-Heptanone DIBK Valerone	VOC
63	Dimetyl acetamide	127-19-5	N, N-Dimethyl Acetamide DMAC	VOC
64	Dimethylformamide	68-12-2	N, N-Dimethylformamide Dimethyl Formamide	HAP, VOC
66	Dioxins & Furans	SEQ 128	Varies with Compound. Examples include: Aroclor 1242 (PCB)" CDD Chlorinated Dibenzo-p-Dioxins Chloro-dibenzo Dioxins Chloro-dibenzo Furans Chlorodiphenyl Dibenzofurans PCB PCDD	HAP, VOC, Dioxin/Furan

			Persistent Organic Pollutants Polychlorinated Biphenyls Polychlorinated Dibenzo Dioxin Polychlorinated Dibenzo Furans POP Tetrachloro Dioxin Tetrachlorodibenzo-p-Dioxin 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Tetrachlorodibenzo Furan	
70	Ethyl Acetate	141-78-6	Acetic ester Acetic ether ethyl ethanoate ethy ester acetic acid	VOC
69	Ethyl Alcohol	64-17-5	Ethanol grain alcohol ETOH alcohol Cologne spirit	VOC
71	Ethyl Benzene	100-41-4	Ethylbenzol Phenylethane	HAP, VOC
68	Ethylene	74-85-1	Ethylene olefiant	VOC
309	Ethylene Dichloride	107-06-2	1, 2-dichloroethane ethylene chloride glycol dichloride	HAP, VOC

72	Ethylene Glycol	107-21-1	1, 2-dihydroxyethan 1,2-ethanediol glycol glycol alcohol monethylene glycol	HAP, VOC
116	Ethylene Glycol Mono- Methyl Ether Acetate	110-49-6	EGMEA Glycol Monomethyl Ether Acetate 2-Methoxyethyl Acetate Methyl Cellosolve Acetate	HAP, VOC
73	Ethylene Oxide	75-21-8	Dimethylene Oxide 1,2-Epoxy Ethane Oxirane	HAP, VOC
108	Ferric Oxide	1309-37-1	Iron (III) Oxide Red Oxide Rouge	inorganic, metal oxide
74	Fluorine	7782-41-4	Fluorine-19	Inorganic, gas
75	Fluorides, Total	16984-48-8	Varies with Compound	Inorganic salts
77	Formaldehyde	50-00-0	Methyl Aldehyde Methanal Methylene Oxide	HAP, VOC
78	Formic acid	64-18-6	Hydrogen Carboxylic Acid	VOC

			Methanoic Acid	
84	Furfural	98-01-1	Fural 2-Furancarboxaldehyde Furfuraldehyde 2-Furfuraldehyde	VOC, dioxin/furan
85	Gasoline	8006-61-9	Petrol motor fuel motor spirits	VOC
86	Graphite	7782-42-5	Black lead Mineral carbon Plumbago Silver graphite Stove black	Organic solid, Elemental carbon
233	Hazardous Air Pollutants (HAP)	HAP	Varies with Compound	HAP
92	Halogens	NA	Varies with Compound	
99	Heavy Metals	HAP	Varies with Compound	HAP
100	Heptane	142-82-5	n-Heptane normal Heptane	VOC
104	Hexamethylene Diisocyanate	822-06-0	1,6-Diisocyanatohexane Hexamethylene-1,6-Diisocyanate 1,6-Hexamethylene Diisocyanate	HAP, VOC

			HMDI	
101	Hexane	110-54-3	normal Hexane n-Hexane Hexyl Hidride	HAP, VOC
308	Hexene	592-41-6	Butyl ethylene	VOC
105	Hydrazine	302-01-2	Diamine Andydrous hydrazine	HAP, VOC
94	Hydrocarbons, Total	VOC	Varies with Compound	VOC
96	Hydrochloric acid	7647-01-0	Hydrogen Chloride Aqueous Hydrogen Chloride Muriatic acid	HAP, inorganic, acid
95	Hydrochlorofluorocarbons (HCFC)	HCFC	Varies with Compound	VOC, GHG, HCFC
93	Hydrogen Bromine	10035-10-6	Hydrobromic acid	HAP, inorganic, acid
97	Hydrogen Cyanide	74-90-8	Formonitrile Prussic acid Hydrocyanic acid	HAP, VOC
102	Hydrogen Fluoride	7664-39-3	Hydrofluoric acid	HAP, inorganic, acid
107	Hydrogen Peroxide	7722-84-1		

88	Hydrogen Sulfide	7783-06-4	Sewer gas Hydrosulfuric Acid Sulfretted Hydrogen	HAP, inorganic, gas
109	Isooctyl Alcohol	26952-21-6	Isooctanol Oxooctyl alcohol	VOC
110	Isopropyl Acetate	108-21-4	isopropyl ester of acetic acid 2-Propyl Acetate	VOC
111	Isopropyl Alcohol	67-63-0	Dimethyl Carbinol IPA Isopropanol 2-Propanol Secondary-Propyl Alcohol Rubbing Alcohol	VOC
159	Lead (Pb) / Lead Compounds	7439-93-2	Varies with Compound. Examples are: Lead Monoxide Lead oxide Lead (II) oxide Litharge Missicot	HAP, inorganic, metal oxide
113	Lithium / Lithium Compounds	7439-93-2	Varies with Compound	Inorganic, metal, element
126	Magnesium / Magnesium Compounds	7439-95-4	Varies with Compound	Inorganic, metal, element

114	Maleic anhydride	108-31-6	cis-Butenedioic anhydride 2,5-Furanedione Maleic acid anhydride Toxic anhydride	HAP, VOC
130	Manganese / Manganese Compounds	7439-96-5	none	HAP, inorganic, metal element
103	Mercury	7439-97-6	hydragyrum quicksilver liquid silver	HAP, inorganic, metal element
120	Methacrylic Acid	79-41-4	Methyl propenic acid	VOC
121	Methane	74-82-8	natural gas marsh gas swamp gas	Organic gas
122	Methanol	67-56-1	Methyl alcohol wood alcohol Carbinol	HAP, VOC
123	Methyl Amyl Ketone	110-43-0	Amyl methyl ketone n-Amyl methyl ketone 2-Heptanone	VOC
124	Methyl Bromide	74-83-9	bromomethane	HAP, VOC

			monobromomethant	
196	Methyl chloroform	71-55-6	1,1,1-Trichloroethane Chlorothene	HAP, VOC
320	Methyl Ethyl Benzene	98-82-8	Cumene Cumol Isopropyl Benzene	HAP, VOC
1	Methyl Ethyl Ketone	78-93-3	MEK 2-Butanone 2-Oxobutane Methyl Acetone	HAP, VOC
119	Methyl Ethyl Ketone Peroxide	1338-23-4	2-Butanone Peroxide MEK Peroxide	HAP, VOC
129	Methylhydrazine	60-34-4	Monomethylhydrazine	HAP, VOC
127	Methy Isobutyl Ketone	108-10-1	Hexone MIK 4-Methyl-2-Pentanone	HAP, VOC
317	Methyl Tertiary Butyl Ether	994-05-8	2-Methox-2-Methyl Butane MTBE Tert Amyl Ether TAME	HAP, VOC
115	4-4 Methylene bis-2-chloro aniline	101-14-4	3,3'-dichloro-4,4'-diaminodiphenyl methane	HAP, VOC

			4,4-methylene bis o-chloroaniline	
39	Methylene chloride	75-09-2	Dichloromethane Freon 30	HAP, VOC
117	Methylene diphenyl diisocyanate	101-68-8	MDI Benzene, 1, 1-methylene bis 4-isocyanate 4,4-Methylene di-phenyl isocyanate Methyl diisocyanate	HAP, VOC
128	Mineral spirits	64475-85-0	Petroleum spirits white spirit	VOC
131	Molybdenum	7439-98-7	none	inorganic, metal, element
137	Naphtha	64742-89-8	solvent naphtha light aliph aliphatic petroleum solvent	VOC
138	Naphthalene	91-20-3	Tar camphor Naphthalin White tar	HAP, VOC
25	2-Naphthylamine	91-59-8	beta-Naphthylamine Amino-naphthalene	VOC
150	Neopentyl Alcohol	75-84-3	2, 2-dimethyl-1-propanol neoamyl alcohol	VOC

143	Nickel	7440-02-0	none	HAP, inorganic, metal, element
144	Nitric acid	7697-37-2	aqua fortis	inorganic acid
147	Nitrogen dioxide	10102-44-0	none	inorganic gas
149	Nitrogen oxides (NO <sub>x</sub> )	10102	none	inorganic gas
134	Nitrous oxide	10024-97-2	dinitrogen monoxide Freon 16	inorganic gas
151	Nonprecursor organic compound	NA	Negligibly Reactive Organic Compounds	organic
152	Odor	NA	NA	NA
306	Particulate Matter < 2.5 μ (PM <sub>2.5</sub> )	PM	Particulate matter less than 2.5 microns	PM
171	Particulate Matter < 10 μ (PM <sub>10</sub> )	PM	Particulate matter less than 10 microns	PM
229	Particulate Matter (PM)	PM	Particulate matter (no size designation)	PM
170	Particulate Matter (PM), Filterable	PM	Particulate matter	PM
79	Particulate Matter (PM), Fine Suspended	PM		PM

80	Particulate Matter (PM), Fugitive	PM		PM
155	Particulate Matter (PM), Organic Condensables	PM		PM
165	Pentane	109-66-0	n-Pentane normal Pentane	VOC
164	Pentachloronitrobenzene	82-68-8	Quintozene Quintobenzene	HAP, VOC
167	Phenol	108-95-2	Carbolic Acid Hydroxybenzene Monohydroxybenzene", Phenyl alcohol Phenyl hydroxide	HAP, VOC
169	Phosphorus / Phosphorus Compounds	7723-14-0	Varies with Compound. Examples are: Elemental Phosphorus Furnace-grade phosphoric acid Hydrogen Phosphide Phosphine Phosphorated Hydrogen Phosphoric acid Phosphorus chloride Phosphorus hydride Phosphorus oxychloride Phosphorus oxytrichloride Phosphorus trihydride	HAP, Inorganic element

			Phosphoryl chloride White phosphoric acid White phosphorus	
175	Polycyclic Organic Matter (POM)	HAP	cigarette smoke vehicle exhaust home heating laying tar grilling meat	HAP, VOC
158	Polynuclear/Polycyclic Aromatic Hydrocarbons	130498-29-2	PAH Benzenanthracenes Benzopyrenes Benzofluoranthene chrysenes Dibenzanthracenes Indenopyrenes	HAP, VOC
176	Potassium Hydroxide	1310-58-3	Caustic potash Potassium hydrate	Inorganic salt
174	Principle Organic Hazardous Constituents	HAP	POHC	VOC, HAP
177	Products of combustion	NA		
133	Propyl Acetate	109-60-4	n-Propyl Acetate	VOC
319	Propylene	115-07-1	Isopropylidene Propene	VOC

178	Propylene Oxide	75-56-9	Methyl Oxirane Propene Oxide Propene Oxirane 1,2-Epoxypropane	HAP, VOC
179	Radionuclides	HAP	Atoms that are under going radioactive decay, including Radon	HAP, inorganic
186	Selenium	7782-49-2	none	HAP, inorganic, element
187	Silicon Dioxide	7440-21-3	Quartz Silica sand	Inorganic mineral
10	Silver	7440-22-4	Argentum	Inorganic, metal, element
334	Sodium Cyanide	143-33-9	none	Inorganic salt
191	Sodium Dichromate	10588-01-9	Sodium Bichromate	HAP, metal salt, Cr6
136	Sodium Hydroxide	1310-73-2	Caustic soda Soda lye Sodium Hydrate	Inorganic salt
310	Sodium Hypochlorite	7681-52-9	Hypochlorous Acid Sodium salt	Inorganic, metal salt

			Bleach Clorox Antiformin	
193	Strontium Chromate	7789-06-2	Strontium yellow deep lemon yellow	Inorganic, metal salt
194	Styrene	100-42-5	Styrene Monomer Styrolene Ethenylbenzene Cinnamol Cinnamene Styrol"	HAP, VOC
184	Sulfur / Sulfates	7704-34-9	Flowers of sulfur Sulphur Colsul Brimstone Collokit Sulfate, total (as SO <sub>4</sub> ) Sulphates	
189	Sulfur Dioxide	7446-09-5	Sulfur dioxide, total as SO <sub>2</sub>	Inorganic oxide
192	Sulfur Oxides (SO <sub>x</sub> )	NA	SO <sub>3</sub> + SO <sub>2</sub>	Inorganic oxide
190	Sulfur trioxide	7446-11-9	SO <sub>3</sub>	Inorganic oxide
209	Sulfur, Total Reduced (TRS)	7704-??-?	Total Reduced Sulfur Compounds Sulfide	Inorganic salts

			Reduced sulfur compounds	
89	Sulfuric Acid (mist, vapors, etc)	7446-93-9	Oleum oil of vitriol battery acid Sulphuric Acid	Inorganic oxide
200	Terpenes	125783-65-5	Acetyl cedrene Cedarwood oil	VOC
166	Tetrachloroethylene	127-18-4	Perchloroethylene Perk	HAP, VOC
204	Thallium	7440-28-0	none	Inorganic metal element
188	Tin / Tin Compounds	7440-31-5	For example: Stannum Tetramethyl Tin	Inorganic metal element
203	Titanium Dioxide	13463-67-7	Titanium Oxide	Inorganic oxide
202	Titanium Tetrachloride	7550-45-0	none	Inorganic chloride
206	Toluene	108-88-3	Methyl benzene Methacide Phenyl methane Tolyol	HAP, VOC

157	p-Toluene	106-49-0	para-Toluidine 4-Aminotoluene 4-Methybenzeneamine	VOC
335	2,4-Toluene Diisocyanate	584-84-9		HAP, VOC
210	Total Suspended Particulates	PM	TSP	PM
199	Trichloroethylene	79-01-6	Ethylene Trichloride TCE Trichloroethene Trilene	HAP, VOC
208	Triethylamine	121-44-8	TEA	HAP, VOC
211	Uranium	7440-61-1	Uranium 238 U 238"	Inorganic, metal element
212	Uranium Tetrafluoride	10049-14-6	Uranium Fluoride	Inorganic, metal salt
213	Vanadium	7440-62-2	none	Inorganic, metal element
214	Vinyl chloride	75-01-4	Chloroethene	HAP, VOC
217	Visible Emissions	VE		

218	Volatile Organic Compounds (VOC)	VOC	Nonmethane Hydrocarbons Nonmethane Organic Carbon Nonmethane VOC Precursor Organic Compounds Reactive Organic Compounds (ROC) Reactive Organic Gases (ROG) Reactive hydrocarbons	VOC
219	o-Xylene	1330-20-7	1,2-Dimethyl Benzene Ortho-Xylene	HAP, VOC
221	Zinc /Zinc Compounds	7440-66-6	For Example: Zinc chromate	Inorganic, metal
222	Zirconium Sulfate (as Metal)	14644-61-2	none	Inorganic, metal salt