

Great Lakes Regional Toxic Air Emissions Inventory
List of 211 Targeted Substances
Updated: April 2006

The following table lists the 211 substances targeted by the regional emissions inventory effort. This list includes the 188 compounds listed as Hazardous Air Pollutants (HAPs) within the 1990 Clean Air Act Amendments. In addition, it includes several substances that have been identified as posing a potential threat to the Great Lakes ecosystem and human health within the region. Emission estimates are not obtained for all 211 substances in each inventory. Reasons for omission may include the lack of emission factors, estimation methodologies and the lack of identified sources, among other reasons.

Many of the targeted substances represent groups of multiple compounds, which are grouped for purposes of reporting. Such groupings are shown below. Chemical Abstract Service (CAS) numbers are provided where available, as is the RAPIDS code, a code used internally by the regional project to track and report substance emissions.

Pollutant Grouping	Substance Name	CAS #	RAPIDS Code
1,1,1-Trichloroethane	1,1,1-Trichloroethane	71-55-6	TCE,111
1,1,2,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	79-34-5	TETCLET,1122
1,1,2-Trichloroethane	1,1,2-Trichloroethane	79-00-5	TRICLETH,112
1,1-Dichloroethane	1,1-Dichloroethane	75-34-3	DICLETH,11-
1,1-Dimethylhydrazine	1,1-Dimethyl hydrazine	57-14-7	DIMETH HY,11
1,2,4-Trichlorobenzene	1,2,4-Trichlorobenzene	120-82-1	TRICLBZ,124
1,2-Dibromo-3-chloropropane	1,2-Dibromo-3-chloropropane	96-12-8	DIBROMO3,12
1,2-Dibromoethane	1,2-Dibromoethane	106-93-4	DIBROMOET,12
1,2-Dichloroethane	1,2-Dichloroethane	107-06-2	DICHLORETH12
1,2-Diphenylhydrazine	1,2-Diphenylhydrazine	122-66-7	DIPHENHYD,12
1,2-Epoxybutane	1,2-Epoxybutane	106-88-7	EPOXYBUT,12
1,2-Propylenimine	1,2-Propylenimine	75-55-8	PROP IM, 12
1,3-Butadiene	1,3-Butadiene	106-99-0	BUTADIENE,13
1,3-Dichloropropene	1,3-Dichloropropene	542-75-6	DICLPROPE,13
1,3-Propane sultone	1,3-Propane sultone	1120-71-4	PROPANESU,13
1,4-Dichlorobenzene	1,4-Dichlorobenzene	106-46-7	DICLBENZ,14
1,4-Dioxane	1,4-Dioxane	123-91-1	DIOXANE
2,2,4-Trimethylpentane	2,2,4-Trimethylpentane	540-84-1	TRIME-PENTAN
2,3,7,8-Tetrachlorodibenzofuran	2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	TCDF,2378
2,3,7,8-Tetrachlorodibenzo-p-dioxin	2,3,7,8-Tetrachlorodibenzo-p-dioxin	1746-01-6	TCDD,2378
2,4,5-Trichlorophenol	2,4,5-Trichlorophenol	95-95-4	TRICLPHN,245
2,4,6-Trichlorophenol	2,4,6-Trichlorophenol	88-06-2	TRICLPHN,246
2,4-D (2,4-Dichlorophenoxyacetic acid)	2,4-D, salts and esters	94-75-7	D,2,4
2,4-Diaminotoluene	2,4-Diaminotoluene	95-80-7	TOL DIAMIN24
2,4-Dinitrophenol	2,4-Dinitrophenol	51-28-5	DINITROPH,24
2,4-Dinitrotoluene	2,4-Dinitrotoluene	121-14-2	DINITRTOL,24
2-Acetylaminofluorene	2-Acetylaminofluorene	53-96-3	ACETYLAMIN,2
2-Chloro-1,3-butadiene	Chloroprene	126-99-8	CHLOROPRENE
2-Chloroacetophenone	2-Chloroacetophenone	532-27-4	CLACETOPHE,2
2-Nitropropane	2-Nitropropane	79-46-9	NITROPROPA,2
3,3'-Dichlorobenzidine	3,3-Dichlorobenzidene	91-94-1	DICLBENZD,33

Pollutant Grouping	Substance Name	CAS #	RAPIDS Code
3,3'-Dimethoxybenzidine	3,3-Dimethoxybenzidine	119-90-4	DIMETHOXY,33
3,3'-Dimethylbenzidine	3,3-Dimethylbenzidine	119-93-7	DIMETHBNZ,33
4,4'-Methylene bis(2-chloroaniline)	4,4-Methylene bis(2-chloroaniline)	101-14-4	METEN BIS,44
4,4'-Methylenedianiline	4,4-Methylene dianiline	101-77-9	METHENE DIAN
4,4'-Methylenediphenyl diisocyanate	4,4-Methylenediphenyl diisocyanate	101-68-8	METHENE(B)4-
4,6-Dinitro-O-cresol	4,6-Dinitro-o-cresol (including salts)	534-52-1	DINITRO-O-CR
4-Aminobiphenyl	4-Aminobiphenyl	92-67-1	AMINOBIPIHE,4
4-Nitrobiphenyl	4-Nitrobiphenyl	92-93-3	NITRBIPHEN,4
4-Nitrophenol	4-Nitrophenol	100-02-7	NITROPHENL,4
Acenaphthene	Acenaphthene	83-32-9	ACENAPHTHEN
Acenaphthylene	Acenaphthylene	208-96-8	ACENAPHTHYL
Acetaldehyde	Acetaldehyde	75-07-0	ACETALDEHYDE
Acetamide	Acetamide	60-35-5	ACETAMIDE
Acetonitrile	Acetonitrile	75-05-8	ACETONITRILE
Acetophenone	Acetophenone	98-86-2	ACETOPHENONE
Acrolein	Acrolein	107-02-8	ACROLEIN
Acrylamide	Acrylamide	79-06-1	ACRYLAMIDE
Acrylic acid	Acrylic acid	79-10-7	ACRYLIC ACID
Acrylonitrile	Acrylonitrile	107-13-1	ACRYLONITRIL
Alkylated lead	Alkylated lead compounds Tetraethyl lead	78-00-2	LEAD,ALK TETETH LEAD
Allyl chloride	Allyl chloride	107-05-1	ALLYL CHLORI
Aniline	Aniline	62-53-3	ANILINE
Anthracene	Anthracene	120-12-7	ANTHRACENE
Antimony	Antimony Antimony compounds Antimony oxide Antimony pentafluoride Antimony trichloride Antimony trioxide	7440-36-0 1327-33-9 7783-70-2 10025-91-9 1309-64-4	ANTIMONY ANTIMONY CMP ANTIMONY OXI ANTIMPENTAFL ANTIM TRICL ANTIMONY O3
Arsenic	Arsenic Arsenic acid Arsenic compounds Arsenic pentoxide Arsenic trioxide Arsine	7440-38-2 1327-52-2 1303-28-2 1327-53-3 7784-42-1	ARSENIC ARSENIC ACID ARSENIC CMP ARSEN PENTOX ARSENIC O3 ARSINE
Asbestos	Asbestos	1332-21-4	ASBESTOS
Atrazine	Atrazine	1912-24-9	ATRAZINE
Benz(a)anthracene	Benz(a)anthracene	56-55-3	BENZ(A)ANTHR
Benzene	Benzene	71-43-2	BENZENE
Benzidine	Benzidine	92-87-5	BENZIDINE
Benzo(a)pyrene	Benzo(a)pyrene	50-32-8	BENZO(A)PYRE
Benzo(b)fluoranthene	Benzo(b)fluoranthene	205-99-2	BENZO(B)FLUO
Benzo(g,h,i)perylene	Benzo(g,h,i)perylene	191-24-2	BENZ(GHI)PE
Benzo(k)fluoranthene	Benzo(k)fluoranthene	207-08-9	BENZO(K)FLUO
Benzoic trichloride	Benzoic trichloride	98-07-7	BENZOTRICHLO
Benzyl chloride	Benzyl chloride	100-44-7	BENZYL CHLOR
Beryllium	Beryllium Beryllium compounds Beryllium fluoride	7440-41-7 7787-49-7	BERYLLIUM BERYLLIU CMP BERYLL FLUOR

Pollutant Grouping	Substance Name	CAS #	RAPIDS Code
	Beryllium oxide	1304-56-9	BERYLL OXIDE
	Beryllium sulfate	13510-49-1	BERYLL SULF
Beta-propiolactone	Beta-propiolactone	57-57-8	BETA-PROPRIO
Biphenyl	Biphenyl	92-52-4	BIPHENYL
Bis(2-chloroethyl)ether	Bis (2-chloroethyl) ether	111-44-4	BIS(2-CLETH)
Bis(chloromethyl)ether	Bis(chloromethyl)ether	542-88-1	BIS(CLMETH)
Bromoform	Bromoform	75-25-2	BROMOFORM
Cadmium	Cadmium	7440-43-9	CADMIUM
	Cadmium chloride	10108-64-2	CADMIUM CL
	Cadmium compounds		CADMIUM CMP
	Cadmium iodide	7790-80-9	CADMIUM IOD
	Cadmium nitrate	10325-94-7	CADMIUM NIT
	Cadmium oxide	1306-19-0	CADMIUM OXI
	Cadmium sulfate	10124-36-4	CAD SULFATE
	Cadmium sulfide	1306-23-6	CAD SULFIDE
Calcium cyanamide	Calcium cyanamide	156-62-7	CALCIUM CYAN
Captan	Captan	133-06-2	CAPTAN
Carbaryl	Carbaryl	63-25-2	CARBARYL
Carbon disulfide	Carbon disulfide	75-15-0	CARBON DISUL
Carbon tetrachloride	Carbon tetrachloride	56-23-5	CARBON TETRA
Carbonyl sulfide	Carbonyl sulfide	463-58-1	CARBONYL SUL
Catechol	Catechol	120-80-9	CATECHOL
Chloramben	Chloramben	133-90-4	CHLORAMBEN
Chlordane	Chlordane	57-74-9	CHLORDANE
Chlorine	Chlorine	7782-50-5	CHLORINE
Chloroacetic acid	Chloroacetic acid	79-11-8	CHLOROACETIC
Chlorobenzene	Chlorobenzene	108-90-7	CHLOROBENZ
Chlorobenzilate	Chlorobenzilate	510-15-6	CLBENZILATE
Chloroethane	Chloroethane	75-00-3	CHLOROETHANE
Chloroform	Chloroform	67-66-3	CHLOROFORM
Chloromethyl methyl ether	Chloromethyl methyl ether	107-30-2	CLMETH METH
Chromium	Chromium	7440-47-3	CHROMIUM
	Chromic acid	11115-74-5	CHROMIC ACID
	Chromic sulfate	10101-53-8	CHROMIC SULF
	Chromic sulfuric acid	13530-68-2	CHR SULFACID
	Chromic trioxide	1333-82-0	CHROMIC O3
	Chromium (iii)	16065-83-1	CHROMIUM III
	Chromium (iii) oxide	1308-38-9	CHROM(III)OX
	Chromium (vi) oxide (1:3)	1333-82-0	CHRO(VI)OXID
	Chromium chloride	10060-12-5	CHROMIUM CL
	Chromium compounds		CHROMIUM CMP
	Chromium dioxide	12018-01-8	CHROMIUM O2
	Chromium hydroxide	1308-14-1	CHROM HYDROX
	Chromium zinc oxide	12018-19-8	CHROM ZN OX
	Strontium chromate	7789-06-2	STRON CHROM
	Zinc chromate	13530-65-9	ZINC CHROMATE
	Zinc chromite	50922-29-7	ZINC CHROMITE
Chromium VI	Chromium (vi)	18540-29-9	CHROMIUM VI
	Chromium (6) compounds		CHROM6 CMP
Chrysene	Chrysene	218-01-9	CHRYSENE
Cobalt	Cobalt	7440-48-4	COBALT
	Cobalt 2-ethylhexanoate	13586-82-8	COBALT2ETHEX
	Cobalt 2-ethylhexanoate (known stoichiometry)	136-52-7	COBALT2E(STO

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	Cobalt aluminate	1345-16-0	COBALT ALUM
	Cobalt carbonate	7542-09-8	COBALT CARB
	Cobalt compounds		COBALT CMP
	Cobalt hydrocarbonyl	16842-03-8	COBALT HYDR
	Cobalt naphtha	61789-51-3	COBALT NAPH
	Cobalt oxide	1307-96-6	COBALT OXIDE
	Cobalt sulfate	10124-43-3	COBALT SULFA
	Cobalt sulfide	1317-42-6	COBALT SULFI
Coke oven emissions	Coke oven emissions		COKE OVEN GS
Copper	Copper	7440-50-8	COPPER
	Copper compounds		COPPER CMP
Cresol (mixed isomers)	Cresol- mixed isomers	1319-77-3	CRESOL MX IS
Cumene	Cumene	98-82-8	CUMENE
Cyanide	Cyanide	57-12-5	CYANIDE
	Cyanide compounds		CYANIDE CMP
	Copper cyanide	544-92-3	CU CYANIDE
Diazomethane	Diazomethane	334-88-3	DIAZOMETHANE
Dibenz(a,h)anthracene	Dibenzo(a,h)anthracene	53-70-3	DIBENZAHAN
Dibenzofuran	Dibenzofuran	132-64-9	DIBENZOFURAN
Dichlorvos (DDVP)	Dichlorvos	62-73-7	DICHLORVOS
Diethanolamine	Diethanolamine	111-42-2	DIETHANOLAMI
Diethylhexyl phthalate	Diethylhexyl phthalate	117-81-7	DIETHYLHEX PHT and DIOCTYL PHTH
Diethyl sulfate	Diethyl sulfate	64-67-5	DIETH SULFAT
Dimethyl aminoazobenzene	Dimethyl aminoazobenzene	60-11-7	DIMETH AMINO
Dimethyl phthalate	Dimethyl phthalate	131-11-3	DIMETH PHTHA
Dimethyl sulfate	Dimethyl sulfate	77-78-1	DIMETH SULFA
Dimethylaniline	Dimethylaniline(n,n-dimethylaniline)	121-69-7	DIMETHYLANIL
Di-N-butyl phthalate	Dibutyl phthalate	84-74-2	DIBUTYL PHTH
Di-N-octyl phthalate	Di-n-octylphthalate	117-84-0	DIOCTYLPHT,N
Epichlorohydrin	Epichlorohydrin	106-89-8	EPICLHYDRIN
Ethyl acrylate	Ethyl acrylate	140-88-5	ETH ACRYLATE
Ethyl benzene	Ethylbenzene	100-41-4	ETHYLBENZENE
Ethyl carbamate	Ethyl carbamate	51-79-6	ETHYL CARBAM
Ethylene glycol	Ethylene glycol	107-21-1	ETHYLENE GLY
Ethylene oxide	Ethylene oxide	75-21-8	ETHYLENE OXI
Ethylenethiourea	Ethylene thiourea	96-45-7	ETHYLENE THI
Ethylenimine	Ethylene imine	151-56-4	ETHYLENE IMI
Fine mineral fibers	Fine mineral fibers		FINE MNRLFIB
Fluoranthene	Fluoranthene	206-44-0	FLUORANTHENE
Fluorene	Fluorene	86-73-7	FLUORENE
Formaldehyde	Formaldehyde	50-00-0	FORMALDEHYDE
Glycol ethers	Glycol ethers (misc.)		GLYCOL ETHRS
	2-(2-Butoxyethoxy)-ethanol	112-34-5	BUT CARBITOL
	2-(Hexyloxy)ethanol	112-25-4	HEXYETHANOL2
	2-Butoxyethyl acetate	112-07-2	BUTETACET,2
	Butyl cellosolve	111-76-2	BUT CELLOSOL
	Carbitol	111-90-0	CARBITOL
	Carbitol acetate	112-15-2	CARB ACETATE
	Cellosolve	110-80-5	CELLOSOLVE
	Cellosolve acetate	111-15-9	CELLOSLV ACE
	Diethylene glycol butyl ether		DIETH GLY BE

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	Methyl carbitol	111-77-3	METH CARBITO
	Methyl cellosolve	109-86-4	METH CELLOSO
	N-hexyl carbitol	112-59-4	HEXYL CARB
	Phenyl cellosolve	122-99-6	PHEN CELLO
	Propyl cellosolve	2807-30-9	PROPYL CELLO
Heptachlor	Heptachlor	76-44-8	HEPTACHLOR
Hexachloro-1,3-butadiene	Hexachloro-1,3-butadiene	87-68-3	HEXCL-13-BUT
Hexachlorobenzene	Hexachlorobenzene	118-74-1	HEXCLBENZENE
Hexachlorocyclopentadiene	1,2,3,4,5,5-Hexachloro-1,3-cyclopentadiene	77-47-4	HEXACL-1,3-C
Hexachloroethane	Hexachloroethane	67-72-1	HEXCHLORETH
Hexamethyl phosphoramidate	Hexamethyl phosphoramidate	680-31-9	HXMETH PHOSP
Hexamethylene-1,6-diisocyanate	Hexamethylene-1,6-diisocyanate	822-06-0	HEXAMETHYL16
Hexane	N-hexane	110-54-3	HEXANE
Hydrazine	Hydrazine	302-01-2	HYDRAZINE
Hydrochloric acid	Hydrochloric acid	7647-01-0	HCL
Hydrogen cyanide	Hydrogen cyanide	74-90-8	HYDROGEN CYA
Hydrogen fluoride	Hydrogen fluoride	7664-39-3	HF
Hydrogen sulfide	Hydrogen sulfide	7783-06-4	HYDROGEN SUL
Hydroquinone	Hydroquinone	123-31-9	HYDROQUINONE
Indeno(1,2,3-c,d)pyrene	Indeno(1,2,3-c,d)pyrene	193-39-5	INDN(123CDPY
Isophorone	Isophorone	78-59-1	ISOPHORONE
Lead	Lead	7439-92-1	LEAD
	Lead acetate	301-04-2	LEAD ACETATE
	Lead arsenate	7784-40-9	LEAD ARSENAT
	Lead arsenite	10031-13-7	LEAD ARSENIT
	Lead carbonate	598-63-0	LEAD CARB
	Lead chromate	7758-97-6	LEAD CHROMAT
	Lead chromate oxide	18454-12-1	LEAD CHR OXI
	Lead compounds		LEAD CMP
	Lead fluoroborate	13814-96-5	LEAD FLBOR
	Lead in ore		LEAD IN ORE
	Lead naphthenate	61790-14-5	LEAD NAPTH
	Lead neodecanoate	27253-28-7	LEAD NEODEC
	Lead nitrate	10099-74-8	LEAD NITRATE
	Lead oxide	1317-36-8	LEAD OXIDE
	Lead phosphate	7446-27-7	LEAD PHOS
	Lead stearate	7428-48-0	LEAD STEAR
	Lead subacetate	1335-32-6	LEAD SUBACET
	Lead sulfate	7446-14-2	LEAD SULF
	Lead tetroxide	1314-41-6	LEAD TETOX
	Lead titanate	12060-00-3	LEAD TITANAT
	Lead titanate zircon	12626-81-2	LEAD TIT ZIR
Lindane (gamma HCH)	Lindane, (all isomers)	58-89-9	LINDANE ISO
Maleic anhydride	Maleic anhydride	108-31-6	MALEIC ANHYD
Manganese	Manganese	7439-96-5	MANGANESE
	Manganese compounds		MANGANES CMP
	Manganese dioxide	1313-13-9	MANGAN 02
	Manganese hypophosphite	7783-16-6	MANGAN HYPO
	Manganese naphthenate	1336-93-2	MANGAN NAPH
	Manganese nitrate	10377-66-9	MANGAN NITR
	Manganese oxide	1317-34-6	MANGANESEOXI
	Manganese sulfate	7785-87-7	MANGAN SULF
	Manganese tellurate	8030-70-4	MANGAN TALL

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	Manganese tetroxide	1317-35-7	MANGAN 04
	Manganese trioxide	1317-34-6	MANGAN O3
M-Cresol	M-cresol	108-39-4	CRESOL,M
Mercury	Mercury	7439-97-6	MERCURY
	Mercuric chloride	7487-94-7	MERCURIC CL
	Mercury compounds		MERCURY CMP
	Mercury (organic)	22967-92-6	MERCURY,ORG
Methanol	Methanol	67-56-1	METHANOL
Methoxychlor	Methoxychlor	72-43-5	METHOXYCHLOR
Methyl bromide	Bromomethane	74-83-9	BROMOMETH
Methyl chloride	Methyl chloride	74-87-3	METHYL CHLOR
Methyl ethyl ketone	Methyl ethyl ketone	78-93-3	METH ETH KET
Methyl hydrazine	Methyl hydrazine	60-34-4	METH HYDRAZI
Methyl iodide	Methyl iodide	74-88-4	METH IODIDE
Methyl isobutyl ketone	Methyl isobutyl ketone	108-10-1	METH ISOBUT
Methyl isocyanate	Methyl isocyanate	624-83-9	METH ISOCYAN
Methyl methacrylate	Methyl methacrylate	80-62-6	METH METHACR
Methyl tert-butyl ether	Methyl tert butyl ether	1634-04-4	METH TERT BU
Methylene chloride (dichloromethane)	Methylene chloride	75-09-2	METHYLENE CL
M-Xylene	M-xylene	108-38-3	XYLENE,M
N,N-Dimethyl carbamoyl chloride	N,n-dimethyl carbamoyl chloride	79-44-7	NDIMETH CARB
N,N-Dimethylformamide	Dimethylformamide, n,n-	68-12-2	DIMETHFORMAM
Naphthalene	Naphthalene	91-20-3	NAPHTHALENE
Nickel	Nickel	7440-02-0	NICKEL
	Nickel (ii) sulfate hexahydrate	10101-97-0	NI(II)SULHEX
	Nickel (iii) oxide	1314-06-3	NI(III)OXIDE
	Nickel acetate	373-02-4	NI ACETATE
	Nickel acetate tetrahydrate	6018-89-9	NI ACET DIHY
	Nickel bromide	13462-88-9	NI BROMIDE
	Nickel carbide	12710-36-0	NI CARBIDE
	Nickel carbonate	3333-39-3	NI CARBONATE
	Nickel carbonyl	13463-39-3	NI CARBONYL
	Nickel chloride	7718-54-9	NI CHLORIDE
	Nickel compounds		NICKEL CMP
	Nickel hydroxide	12054-48-7	NI HYDROX
	Nickel nitrate	13138-45-9	NI NITRITE
	Nickel refinery dust from the pyrometallurgical pro		NI DUST
	Nickel subsulfide	12035-72-2	NI SUBSULF
	Nickel sulfamate	13770-89-3	NI SULFAMATE
	Nickel sulfate	7786-81-4	NI SULFATE
	Nickel(ii) oxide (1:1)	1313-99-1	NI(II) OXIDE
Nitrobenzene	Nitrobenzene	98-95-3	NITROBENZ
N-Nitrosodimethylamine	N-nitrosodimethylamine	62-75-9	NITROSODIMET
N-Nitrosomorpholine	N-nitrosomorpholine	59-89-2	NITROSOMORPH
N-Nitroso-N-methylurea	N-nitroso-n-methylurea	684-93-5	NITROSO-N,N
O-Anisidine	O-anisidine	90-04-0	ANISIDINE,O-
O-Cresol	O-cresol	95-48-7	CRESOL,O
O-Toluidine	O-toluidine	95-53-4	TOLUIDINE,O-
O-Xylene	O-xylene	95-47-6	XYLENE,O
Parathion	Parathion	56-38-2	PARATHION
P-Cresol	P-cresol	106-44-5	CRESOL,P
Pentachloronitrobenzene	Pentachloronitrobenzene	82-68-8	PENTCLNITBEN

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Pentachlorophenol	Pentachlorophenol (pcp)	87-86-5	PCP
Phenanthrene	Phenanthrene	85-01-8	PHENANTHRENE
Phenol	Phenol	108-95-2	PHENOL
Phosgene	Phosgene	75-44-5	PHOSGENE
Phosphine	Phosphine	7803-51-2	PHOSPHINE
Phosphorus	Phosphorus (yellow or white)	7723-14-0	PHOSPHORUS
Phthalic anhydride	Phthalic anhydride	85-44-9	PTHALIC ANH
Polychlorinated biphenyls (PCBs)	Polychlorinated biphenyls (pcbs)	1336-36-3	PCBS
Polychlorinated dibenzodioxins, total	Polychlorinated dibenzodioxins, total 1,2,3,4,6,7,8-Heptachlorodibenzodioxin 1,2,3,4,7,8-Hexachlorodibenzodioxin 1,2,3,6,7,8-Hexachlorodibenzodioxin 1,2,3,7,8,9-Hexachlorodibenzofuran 1,2,3,7,8-Pentachlorodibenzofuran Heptachlorodibenzodioxin, all isomers Hexachlorodibenzodioxins, all isomers Octachlorodibenzodioxins, all isomers Pentachlorodibenzodioxins, all isomers Tetrachlorodibenzodioxins, all isomers	35822-46-9 39227-28-6 57653-85-7 40321-76-4 19408-74-3 34465-46-8 3268-87-9	PCDD HPCDD,1234678 HXCDD,123478 HXCDD,123678 PECDD,12378 HXCDD,123789 HPCDD,TOT HXCDD,TOT OCDD,TOT PECDD,TOT TCDD,TOT
Polychlorinated dibenzofurans, total	Polychlorinated dibenzofurans, total 1,2,3,4,6,7,8-Heptachlorodibenzofuran 1,2,3,4,6,7,9-Heptachlorodibenzofuran 1,2,3,4,6,8,9-Heptachlorodibenzofuran 1,2,3,4,7,8,9-Heptachlorodibenzofuran 1,2,3,4,7,8-Hexachlorodibenzofuran 1,2,3,4,8- Pentachlorodibenzofuran 1,2,3,6,7,8-Hexachlorodibenzofuran 1,2,3,7,8,9-Hexachlorodibenzodioxin 1,2,3,7,8-Pentachlorodibenzodioxin 1,2,4,6,7,9-Hexachlorodibenzofuran 1,3,7,8-Tetrachlorodibenzofuran 2,3,4,6,7,8-Hexachlorodibenzofuran 2,3,4,7,8-Pentachlorodibenzofuran 2,3,6,8-Tetrachlorodibenzofuran Heptachlorodibenzofuran, all isomers Hexachlorodibenzofurans, all isomers Octachlorodibenzofurans, all isomers Pentachlorodibenzofurans, all isomers Tetrachlorodibenzofurans, all isomers	67562-39-4 70648-25-8 69698-58-4 55673-89-7 70648-26-9 67517-48-0 57117-44-9 57117-41-6 72918-21-9 75627-02-0 57117-35-8 60851-34-5 57117-31-4 57117-37-0 39001-02-0	PCDF HPCDF,1234678 HPCDF,1234679 HPCDF,1234689 HPCDF,1234789 HPCDF,123478 HXCDF,123478 PECDF,12348 HXCDF,123678 PECDF,12378 HXCDF,123789 HXCDF,124679 TCDF,1378 HXCDF,234678 PECDF,23478 TCDF,2368 HPCDF,TOT HXCDF,TOT OCDF,TOT PECDF,TOT TCDF,TOT
P-Phenylenediamine	P-phenylenediamine	106-50-3	PHENYLENED,P
Propionaldehyde	Propionaldehyde	123-38-6	PROPIONALDEH
Propoxur	Propoxur	114-26-1	PROPOXUR
Propylene dichloride	Propylene dichloride	78-87-5	PRPLENE DICH
Propylene oxide	Propylene oxide	75-56-9	PRPLENE OXID
P-Xylene	P-xylene	106-42-3	XYLENE,P
Pyrene	Pyrene	129-00-0	PYRENE
Quinoline	Quinoline	91-22-5	QUINOLINE
Quinone	Quinone	106-51-4	QUINONE
Radionuclides	Radionuclides		RADIONUCLIDE
Selenium	Selenium Selenium compounds Selenium dioxide	7782-49-2 7446-08-4	SELENIUM SELENIUM CMP SELENIUM O2

Pollutant Grouping	Substance Name	CAS #	RAPIDS Code
	Selenium disulfide	7488-56-4	SELEN DISULF
	Selenium oxide	12640-89-0	SELEN OXIDE
	Selenium sulfide	7446-34-6	SELEN SULF
Styrene	Styrene	100-42-5	STYRENE
Styrene oxide	Styrene oxide	96-09-3	STYRENE OXID
Tetrachloroethylene (Perc)	Tetrachloroethylene	127-18-4	PERC
Titanium tetrachloride	Titanium tetrachloride	7550-45-0	TITAN TETCL
Toluene	Toluene	108-88-3	TOLUENE
Toluene-2,4-diisocyanate	Toluene-2,4-diisocyanate	584-84-9	TOLUENE24DII
	Toluene diisocyanate	26471-62-5	TOLUENEDIISO
Toxaphene	Toxaphene	8001-35-2	TOXAPHENE
Trichloroethylene	Trichloroethylene	79-01-6	TRICHLORETHY
Triethylamine	Triethylamine	121-44-8	TRIETHAMINE
Trifluralin	Trifluralin	1582-09-8	TRIFLURALIN
Vinyl acetate	Vinyl acetate	108-05-4	VINYL ACETAT
Vinyl bromide	Vinyl bromide	593-60-2	VINYL BROMID
Vinyl chloride	Vinyl chloride	75-01-4	VINYL CHLOR
Vinylidene chloride	Vinylidene chloride	75-35-4	VINLIDENE CL
Xylene (mixed isomers)	Xylenes (mixed isomers)	1330-20-7	XYLENES ISO
	Xylene, m,p		XYLENE, M,P