MINNESOTA POLLUTION CONTROL AGENCY

Rule Concept Summary for Planned Amendments to Air Quality Rules – Air Toxics Emissions Reporting

Purpose

The main purpose of this rulemaking is to establish new rules for air toxics emissions reporting requirements for permitted facilities located in the seven metropolitan counties, except for those issued an option B registration permit, as directed by Minn. Stat. § 116.062.

Additionally, the MPCA is proposing to repeal certain sections of chapter 7007 that allow a Title V air permittee to assert emergency affirmative defense. The Environmental Protection Agency (EPA) has repealed these provisions from the Clean Air Act Title V operating permit program regulations and has set a deadline for states to remove this language, or to seek an extension to remove the language as soon as practicable, by August 21, 2024. The MPCA has applied for an extension and intends to repeal the language with this rulemaking since the air quality rule chapters would already be open for air toxics emissions reporting.

Where rule chapters are open for this rulemaking, minor housekeeping edits to modernize rule language and format that do not change the intent of existing rule language are also proposed.

Current Rules

Current Minnesota Rules require that emissions reporting facilities submit an annual air emissions inventory for criteria pollutants including particulate matter, ammonia, volatile organic compounds (VOCs), lead, nitrogen dioxide, carbon monoxide, and sulfur dioxide. The MPCA also collects voluntary air emissions data from facilities for air toxics emissions triennially for hazardous air pollutants (HAPs), per-and polyfluoroalkyl substances (PFAS), and additional air toxics of concern in Minnesota. The criteria pollutant and air toxics emissions data collected by the MPCA are used in many ways including the agency's air toxics risk-screening tool called "MNRISKS" to model emissions sources, concentrations, and risks.

Statute

The 2023 Minnesota Statute that has promulgated the MPCA's rulemaking authority over air toxics emissions reporting reads as follows:

116.062 AIR TOXICS EMISSIONS REPORTING.

(a) This section applies to facilities that are subject to paragraph (b) and are located in the counties of Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, or Washington.

(b) The commissioner must require owners and operators of a facility issued an air quality permit by the agency, except a facility issued an Option B registration permit under Minnesota Rules, part 7007.1120, to annually report the facility's air toxics emissions to the agency, including a facility not required as a condition of its air quality permit to keep records of air toxics emissions. The commissioner must determine the method to be used by a facility to directly measure or estimate air toxics emissions.

The commissioner must amend permits and complete rulemaking, and may enter into enforceable agreements with facility owners and operators, in order to make the reporting requirements under this section enforceable.

(c) For the purposes of this section, "air toxics" means chemical compounds or compound classes that are emitted into the air by a permitted facility and that are:

(1) hazardous air pollutants listed under the federal Clean Air Act, United States Code, title 42, section 7412, as amended;

(2) chemicals reported as released into the atmosphere by a facility located in the state for the Toxic Release Inventory under the federal Emergency Planning and Community Right-to-Know Act, United States Code, title 42, section 11023, as amended;

(3) chemicals for which the Department of Health has developed health-based values or risk assessment advice;

(4) chemicals for which the risk to human health has been assessed by either the federal Environmental Protection Agency's Integrated Risk Information System; or

(5) chemicals reported by facilities in the agency's most recent triennial emissions inventory.

Concepts

The MPCA is proposing amendments to the existing emission inventory requirements found in Minn. R. chapter 7019 to incorporate requirements for the air toxics emissions inventory in the seven metropolitan counties. The air toxics emissions inventory will be structured similarly to the existing emissions inventory for criteria pollutants, however, there will be some requirements specific to air toxics emissions. For specific requirements that apply only to the air toxics emissions inventory, a new section 7019.3110 is proposed.

Facilities required to report.

To address Minn. Stat. § 116.062(a), a definition of “Air toxics reporting facility” is proposed. This definition refers only to permitted facilities in Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, or Washington Counties for which the owner or operator of the facility must obtain an air emission permit under chapter 7007, but does not include a facility permitted under part 7007.1120, registration permit option B.

Amendments to Minn. R. 7019.3000, subp. 3, Mercury emission sources, are proposed to clarify that mercury emission sources that are also air toxics reporting facilities must report mercury emissions annually as provided under part 7019.3110 (*new section*).

Reporting frequency.

To address Minn. Stat. § 116.062(b), for reporting frequency, amendments to Minn. R. 7019.3000 are proposed to add requirements for owners or operators of air toxics reporting facilities to submit an annual emission inventory due on April 1 of each year. This is the current due date for the emissions inventory. Other requirements proposed address the format of submittal and who must certify and sign the report.

Methods to measure or estimate air toxics emissions.

To address Minn. Stat. § 116.062(b), for methods to measure or estimate air toxics emissions, several amendments to existing rule language are proposed.

Amendments to Minn. R. 7019.3020 proposed including:

- Clarifying that air toxics reporting facilities are not required to report emissions from insignificant and conditionally insignificant activities,
- Referencing which method facilities that have obtained an option C permit must use to calculate emissions for air toxics, and that the owner or operator must report the weight factor (WF) air toxics in the materials and the density of the materials,
- Addressing what records facilities must maintain when using material balance to calculate air toxics emissions, and
- A new Subp. 10. "Control efficiency factors," is proposed to describe how an owner or operator submitting the emission inventory may apply control efficiency factors to air toxics emissions calculations.

Amendments to Minn. R. 7019.3030 proposed including:

- Incorporating the method for calculating air toxics emissions into the existing method hierarchy, and
- A new Subp. 4. "Reporting individual pollutants," is proposed that states an owner or operator of a facility must report individual pollutants for pollutants within a group (e.g. Lead compounds or Glycol Ether compounds) to the maximum extent feasible.

Amendments to Minn. R. 7019.3060 proposing that facilities may calculate air toxics emissions using the material balance method described in this part.

Amendments to Minn. R. 7019.3080 proposed to include that control equipment efficiency must be based on efficiency factors or on the efficiency verified by a performance test.

A new section 7019.3110 Air Toxics Emission Inventory and Emissions Reporting is proposed that includes:

- The owner or operator of an air toxics reporting facility must report their air toxics emissions according to part 7019.3000 (*with proposed amendments*).
- A list of the air toxics required to be reported. For pollutant names that contain the word "compounds", any chemical substance that contains the named chemical as part of the chemical's infrastructure is included. The full list of air toxics required to be reported as a result of this rulemaking are provided in the attached excel spreadsheet titled, Proposed Air Toxics Reporting List.
- For reporting pollutants using a material balance method, the owner or operator of the facility need only report the emissions of the air toxics if they constitute 1% or more of the material according to the safety data sheet (SDS), or 0.1% for a toxic chemical which is a carcinogen or potential carcinogen. This is known as the de minimis for reporting. There are several pollutants for which there is no de minimis for reporting emissions and all emissions must be reported. These pollutants are noted at the bottom of the Proposed Air Toxics Reporting List.
- How facilities must calculate actual air toxics emissions (see above for proposed amendments to 7019.2020 and 7019.3030, 7019.3060 and 7019.3080.)
- Recordkeeping requirements for air toxics emissions and calculations that include retaining records for 5 years and the MPCA may require them to be submitted upon request.

Pollutants required to be reported.

To address Minn. Stat. § 116.062 (c), a definition of “Air toxics” is proposed. This definition includes pollutants, except for criteria pollutants, that are known or suspected to cause cancer or other serious health effects or adverse environmental and ecological effects. This definition includes the pollutants listed under the new section 7019.3110.

Hazardous air pollutants (HAPs) and per-and polyfluoroalkyl substances (PFAS) included on the Toxic Release Inventory (TRI) list would be incorporated by reference. HAPs are defined in MN Rule part 7007.0100, subpart 12a. PFAS are defined in Minn. Stat. § 325F.075 subdivision 1, paragraph (c). A definition of “Toxic release inventory list” or “TRI list” is proposed. Incorporating by reference will allow pollutants added to or removed from these lists by the Environmental Protection Agency (EPA) to be incorporated into the air toxics emissions reporting requirements without having to amend the rule.

Additionally, the MPCA has reviewed the pollutants identified by the Minnesota Department of Health (MDH) to have health-based values or risk assessment advice, pollutants listed on the Integrated Risk Information System (IRIS) for having an inhalation risk, and the pollutants reported in Minnesota during the most recent voluntary triennial emissions inventory. Of these pollutants, the MPCA has selected those that have inhalation risks, are persistent, bioaccumulative, and toxic chemicals (PBTs), or have known health, environmental, or ecological effects that facilities will be required to report in the air toxics emissions inventory. The EPA has also recently finalized two stack test methods; OTM-45 and OTM-50, so facilities will be required to report any of the PFAS pollutants that could be detected using those testing methods.

Proposed Air Toxics Reporting List

As of 7/3/2024

Disclaimers: *This is a list of the air toxics pollutants proposed to be reported in the annual air toxics emissions inventory. Some pollutants may be listed twice. For example, "Zinc chromate" is both a chromium compound and a zinc compound. This does not mean that emissions of zinc chromate or other dually listed pollutants must be reported twice.*

Please note that this list is not final and is subject to change.

Chemical Abstracts Service (CAS) number	Pollutant
	Individual Pollutants:
75-56-9	(+/-)-1,2-Propylene oxide
156-60-5	(E)-1,2-Dichloroethylene
123-73-9	(E)-Crotonaldehyde
156-59-2	(Z)-1,2-Dichloroethylene
10061-01-5	(Z)-Dichloropropene
71-55-6	1,1,1-Trichloroethane
79-34-5	1,1,2,2-Tetrachloroethane
79-00-5	1,1,2-Trichloroethane
75-34-3	1,1-Dichloroethane
75-35-4	1,1-Dichloroethylene
57-14-7	1,1-Dimethylhydrazine
96-18-4	1,2,3-Trichloropropane
526-73-8	1,2,3-Trimethylbenzene
120-82-1	1,2,4-Trichlorobenzene
95-63-6	1,2,4-Trimethylbenzene
120-80-9	1,2-Benzenediol
96-12-8	1,2-Dibromo-3-chloropropane
106-93-4	1,2-Dibromoethane
95-50-1	1,2-Dichlorobenzene
107-06-2	1,2-Dichloroethane
540-59-0	1,2-Dichloroethylene
122-66-7	1,2-Diphenylhydrazine
106-88-7	1,2-Epoxybutane
108-67-8	1,3,5-Trimethylbenzene
106-99-0	1,3-Butadiene
541-73-1	1,3-Dichlorobenzene
542-75-6	1,3-Dichloropropene
1120-71-4	1,3-Propane sultone
106-50-3	1,4-Benzenediamine
106-51-4	1,4-Benzoquinone
106-46-7	1,4-Dichlorobenzene
123-91-1	1,4-Dioxane
822-06-0	1,6-Diisocyanatohexane
78-87-5	1-2,Dichloropropane
106-94-5	1-Bromopropane
71-36-3	1-Butanol
5131-66-8	1-Butoxy-2-propanol
75-68-3	1-Chloro-1,1-difluoroethane
107-98-2	1-Methoxy-2-propanol
115-07-1	1-Propene
540-84-1	2,2,4-Trimethylpentane
95-95-4	2,4,5-Trichlorophenol
88-06-2	2,4,6-Trichlorophenol
95-80-7	2,4-Diaminotoluene
51-28-5	2,4-Dinitrophenol

121-14-2	2,4-Dinitrotoluene
108-31-6	2,5-Furandione
53-96-3	2-Acetylaminofluorene
90-04-0	2-Anisidine
111-76-2	2-Butoxyethanol
532-27-4	2-Chloroacetophenone
591-78-6	2-Hexanone
95-53-4	2-Methylaniline
79-46-9	2-Nitropropane
91-94-1	3,3'-Dichlorobenzidine
119-93-7	3,3'-Dimethylbenzidine
563-47-3	3-Chloro-2-methylpropene
92-87-5	4,4'-Diamino-1,1'-biphenyl
101-77-9	4,4'-Diaminobiphenyl methane
101-68-8	4,4'-Diphenylmethane diisocyanate
101-14-4	4,4'-Methylenebis(2-chloroaniline)
96-45-7	4,5-Dihydro-2-mercaptoimidazole
534-52-1	4,6-Dinitro-o-cresol (including salts)
92-67-1	4-Biphenylamine
108-10-1	4-Methyl-2-pentanone
92-93-3	4-Nitrobiphenyl
100-02-7	4-Nitrophenol
75-07-0	Acetaldehyde
60-35-5	Acetamide
67-64-1	Acetone
75-05-8	Acetonitrile
98-86-2	Acetophenone
107-02-8	Acrolein
79-06-1	Acrylamide
79-10-7	Acrylic acid
107-13-1	Acrylonitrile
	Aldehyde
309-00-2	Aldrin
107-05-1	Allyl chloride
1318-09-8	Amphibole-group minerals
62-53-3	Aniline
140-57-8	Aramite
12674-11-2	Aroclor 1016
12672-29-6	Aroclor 1248
11097-69-1	Aroclor 1254
1332-21-4	Asbestos
1912-24-9	Atrazine
103-33-3	Azobenzene
100-52-7	Benzaldehyde
71-43-2	Benzene
3547-04-4	Benzene, 1,1'-ethylidenebis(4-chloro-
98-07-7	Benzotrichloride
85-68-7	Benzyl butyl phthalate
100-44-7	Benzyl chloride
57-57-8	beta-Propiolactone
92-52-4	Biphenyl
111-44-4	Bis(chloroethyl) ether
542-88-1	bis(Chloromethyl) ether
108-86-1	Bromobenzene
75-25-2	Bromoform
123-72-8	Butyraldehyde

119-90-4	C.I. Disperse Black 6
60-11-7	C.I. Solvent Yellow 2
156-62-7	Calcium cyanamide
105-60-2	Caprolactam
133-06-2	Captan
63-25-2	Carbaryl
75-15-0	Carbon disulfide
56-23-5	Carbon tetrachloride
463-58-1	Carbonyl sulfide
1306-38-3	Ceric oxide
133-90-4	Chloramben
57-74-9	Chlordane
7782-50-5	Chlorine
10049-04-4	Chlorine dioxide
79-11-8	Chloroacetic acid
108-90-7	Chlorobenzene
510-15-6	Chlorobenzilate
75-45-6	Chlorodifluoromethane
75-00-3	Chloroethane
67-66-3	Chloroform
74-87-3	Chloromethane
107-30-2	Chloromethyl methyl ether
126-99-8	Chloroprene
98-82-8	Cumene
110-82-7	Cyclohexane
50-29-3	DDT
117-81-7	Di(2-ethylhexyl) phthalate
334-88-3	Diazomethane
132-64-9	Dibenzofuran
84-74-2	Dibutyl 1,2-benzenedicarboxylate
25321-22-6	Dichlorobenzene
75-71-8	Dichlorodifluoromethane
75-09-2	Dichloromethane
62-73-7	Dichlorvos
77-73-6	Dicyclopentadiene
111-42-2	Diethanolamine
131-11-3	Dimethyl phthalate
77-78-1	Dimethyl sulfate
79-44-7	Dimethylcarbamoyl chloride
117-84-0	Di-n-octyl phthalate
106-89-8	Epichlorohydrin
140-88-5	Ethyl acrylate
64-67-5	Ethyl sulfate (Et2SO4)
637-92-3	Ethyl t-butyl ether
100-41-4	Ethylbenzene
107-21-1	Ethylene glycol
75-21-8	Ethylene oxide
151-56-4	Ethyleneimine
82-68-8	Fartox
50-00-0	Formaldehyde
64-18-6	Formic acid
76-44-8	Heptachlor
87-68-3	Hexachloro-1,3-butadiene
118-74-1	Hexachlorobenzene
77-47-4	Hexachlorocyclopentadiene
67-72-1	Hexachloroethane

680-31-9	Hexamethylphosphoramide
302-01-2	Hydrazine
7647-01-0	Hydrochloric acid
7664-39-3	Hydrogen fluoride
7783-06-4	Hydrogen sulfide
123-31-9	Hydroquinone
78-59-1	Isophorone
67-56-1	Methanol
72-43-5	Methoxychlor
74-83-9	Methyl bromide
78-93-3	Methyl ethyl ketone
74-88-4	Methyl iodide
624-83-9	Methyl isocyanate
80-62-6	Methyl methacrylate
1634-04-4	Methyl tert butyl ether
60-34-4	Methylhydrazine
2385-85-5	Mirex
121-69-7	N,N-Dimethylaniline
68-12-2	N,N-Dimethylformamide
91-20-3	Naphthalene
110-54-3	n-Hexane
7697-37-2	Nitric acid
98-95-3	Nitrobenzene
924-16-3	N-Nitrosodibutylamine
55-18-5	N-Nitrosodiethylamine
62-75-9	N-Nitrosodimethylamine
59-89-2	N-Nitrosomorpholine
684-93-5	N-Nitroso-N-methylurea
930-55-2	N-Nitrosopyrrolidine
72-55-9	p,p'-DDE
56-38-2	Parathion
40487-42-1	Pendimethalin
87-86-5	Pentachlorophenol
108-95-2	Phenol
75-44-5	Phosgene
7803-51-2	Phosphine
7723-14-0	Phosphorus (yellow or white)
85-44-9	Phthalic anhydride
9016-87-9	Polymethylene polyphenyl polyisocyanate
123-38-6	Propanal
114-26-1	Propoxur
75-55-8	Propyleneimine
91-22-5	Quinoline
7631-86-9	Silica
100-42-5	Styrene
96-09-3	Styrene oxide
7664-93-9	Sulfuric acid
12789-03-6	Technical chlordane
540-88-5	tert-Butyl acetate
75-65-0	tert-Butyl alcohol
127-18-4	Tetrachloroethylene
109-99-9	Tetrahydrofuran
62-56-6	Thiourea
7550-45-0	Titanium tetrachloride
108-88-3	Toluene
584-84-9	Toluene 2,4-diisocyanate

26471-62-5	Toluene diisocyanate
8001-35-2	Toxaphene
10061-02-6	trans-1,3-Dichloropropene
79-01-6	Trichloroethylene
121-44-8	Triethylamine
1582-09-8	Trifluralin
51-79-6	Urethane
108-05-4	Vinyl acetate
593-60-2	Vinyl bromide
75-01-4	Vinyl chloride
	2,4-D, salts and esters, including but not limited to:
5742-19-8	(2,4-Dichlorophenoxy)acetic acid diethanolamine
2008-39-1	(2,4-Dichlorophenoxy)acetic acid dimethylamine
1320-18-9	2,4-D 2-butoxymethylethyl ester
53404-37-8	2,4-D 2-Ethyl-4-methylpentyl ester
1929-73-3	2,4-D Butotyl
94-80-4	2,4-D Butyl ester
2971-38-2	2,4-D Chlorocrotyl ester
94-11-1	2,4-D isopropyl ester
5742-17-6	2,4-D isopropylamine salt
2702-72-9	2,4-D sodium salt
32341-80-3	2,4-D Triisopropanolammonium salt
94-75-7	2,4-Dichlorophenyoxyacetic acid
1928-43-4	2-Ethylhexyl (2,4-dichlorophenoxy)acetate
	Aluminum compounds, including but not limited to:
1344-28-1	Alumina
7429-90-5	Aluminum
7784-18-1	Aluminum fluoride
	Antimony compounds, including but not limited to:
16925-25-0	Antimonate(1-), hexfluoro-, sodium (1:1), (OC-6-11)-
7440-36-0	Antimony
1327-33-9	Antimony oxide
7783-70-2	Antimony pentafluoride
10025-91-9	Antimony trichloride
1309-64-4	Antimony trioxide
1345-04-6	Antimony trisulfide colloid
	Arsenic compounds, including but not limited to:
7440-38-2	Arsenic
7778-39-4	Arsenic acid
1327-53-3	Arsenic oxide (As2O3)
1303-28-2	Arsenic(V) pentoxide
3141-12-6	Arsenous acid, triethyl ester
7784-42-1	Arsine
7784-40-9	Lead arsenate
10031-13-7	Lead arsenite
	Beryllium compounds, including but not limited to:
7440-41-7	Beryllium
7787-47-5	Beryllium chloride
7787-49-7	Beryllium fluoride
13597-99-4	Beryllium nitrate (Be(NO3)2)
1304-56-9	Beryllium oxide (BeO)
13510-49-1	Beryllium sulfate
	Cadmium compounds, including but not limited to:
7440-43-9	Cadmium
543-90-8	Cadmium acetate
7789-42-6	Cadmium bromide

10108-64-2	Cadmium chloride
10325-94-7	Cadmium dinitrate
7790-80-9	Cadmium iodide
1306-19-0	Cadmium oxide
2223-93-0	Cadmium stearate
10124-36-4	Cadmium sulfate (1:1)
1306-23-6	Cadmium sulfide
	Chromium compounds, including but not limited to:
7788-96-7	(T-4)-Difluorodioxochromium
7788-98-9	Ammonium chromate ((NH4)2CrO4)
7789-09-5	Ammonium dichromate
10294-40-3	Barium chromate
13765-19-0	Calcium monochromate
10060-12-5	Chromic chloride hexahydrate
7738-94-5	Chromic(VI) acid
7440-47-3	Chromium
16065-83-1	Chromium (III)
18540-29-9	Chromium (VI)
21679-31-2	Chromium acetylacetonate
10025-73-7	Chromium chloride (CrCl3)
10049-05-5	Chromium dichloride
12018-01-8	Chromium oxide (CrO2)
10101-53-8	Chromium sulfate (Cr2(SO4)3)
1308-14-1	Chromium trihydroxide
1333-82-0	Chromium trioxide
50922-29-7	Chromium zinc oxide
12018-19-8	Chromium zinc oxide (Cr2ZnO4)
1308-38-9	Chromium(III) oxide
14977-61-8	Chromyl chloride
13530-68-2	Dichromic acid
18454-12-1	Lead chromate oxide
7758-97-6	Lead(II) chromate
14307-35-8	Lithium chromate
7789-00-6	Potassium chromate(VI)
7778-50-9	Potassium dichromate
7775-11-3	Sodium chromate
10034-82-9	Sodium chromate tetrahydrate
10588-01-9	Sodium dichromate
7789-06-2	Strontium chromate
13530-65-9	Zinc chromate
11103-86-9	Zinc potassium chromate
	Cobalt compounds, including but not limited to:
13586-82-8	2-Ethylhexanoic acid--cobalt (1/1)
71701-14-9	Bis(3-((1-(3-chlorophenyl)-4,5-dihydro-3-methyl-5-(oxo-kappaO)-1H-pyra...
1345-16-0	C.I. Pigment Blue 28
7440-48-4	Cobalt
7542-09-8	Cobalt carbonate
16842-03-8	Cobalt hydrocarbonyl [CoH(CO)4]
1317-42-6	Cobalt monosulfide
61789-51-3	Cobalt naphthenates
27253-31-2	Cobalt neodecanoate
1308-06-1	Cobalt oxide (Co3O4)
10124-43-3	Cobalt sulfate
10141-05-6	Cobalt(II) nitrate
1307-96-6	Cobalt(II) oxide
68955-83-9	Fatty acids, C9-13-neo-, cobalt salts

136-52-7	Hexanoic acid, 2-ethyl-, cobalt(2+) salt
	Copper compounds, including but not limited to:
7440-50-8	Copper
544-92-3	Copper cyanide
7758-99-8	Copper(II) sulfate, pentahydrate
	Cresols including:
1319-77-3	Cresol
108-39-4	m-Cresol
95-48-7	o-Cresol
106-44-5	p-Cresol
	Cyanide compounds, including but not limited to:
78-82-0	2-Methylpropanenitrile
140-29-4	Benzyl cyanide
544-92-3	Copper cyanide
57-12-5	Cyanide
13943-58-3	Ferrate(4-), hexakis(cyano-kC)-, potassium (1:4), (OC-6-11)-
37187-64-7	Gold(3+) tricyanide
74-90-8	Hydrogen cyanide
151-50-8	Potassium cyanide
13967-50-5	Potassium dicyanoaurate
14220-17-8	Potassium tetracyanonickelate
506-64-9	Silver cyanide
143-33-9	Sodium cyanide (Na(CN))
557-21-1	Zinc cyanide
	Dioxins/Furans, including:
35822-46-9	1,2,3,4,6,7,8- Heptachlorodibenzodioxin
67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzo[b,d]furan
55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran
39227-28-6	1,2,3,4,7,8-Hexachlorodibenzodioxin
70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran
57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran
57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin
57117-41-6	1,2,3,7,8- Pentachlorodibenzofuran
40321-76-4	1,2,3,7,8- Pentachlorodibenzo-p-dioxin
72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran
19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin
60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran
57117-31-4	2,3,4,7,8- Pentachlorodibenzofuran
1746-01-6	2,3,7,8-Tetrachlorodibenzo-1,4-dioxin
51207-31-9	2,3,7,8-Tetrachlorodibenzofuran
39001-02-0	Octachlorodibenzofuran
3268-87-9	Octachlorodibenzo-p-dioxin
	Fine mineral fibers including:
	Ceramic fibers
	Fine mineral fibers
	Glasswool
	Rockwool
	Slagwool
	Glycol ethers, including but not limited to:
18912-80-6	2-(2-(2-Methylpropoxy)ethoxy)ethanol
112-34-5	2-(2-Butoxyethoxy)ethanol
111-90-0	2-(2-Ethoxyethoxy)ethanol
112-15-2	2-(2-Ethoxyethoxy)ethyl acetate
10137-96-9	2-[(2-Methylpentyl)oxy]ethan-1-ol
7795-91-7	2-[(Butan-2-yl)oxy]ethan-1-ol
143-22-6	2-[2-(2-Butoxyethoxy)ethoxy]ethanol

112-50-5	2-[2-(2-Ethoxyethoxy)ethoxy]ethanol
112-35-6	2-[2-(2-Methoxyethoxy)ethoxy]ethanol
112-59-4	2-[2-(Hexyloxy)ethoxy]ethanol
10143-56-3	2-{2-[(2-Methylpentyl)oxy]ethoxy}ethan-1-ol
112-07-2	2-Butoxyethyl acetate
110-80-5	2-Ethoxyethanol
112-25-4	2-Hexyloxyethanol
109-86-4	2-Methoxyethanol
110-49-6	2-Methoxyethyl acetate
3121-61-7	2-Methoxyethyl acrylate
122-99-6	2-Phenoxyethanol
23495-12-7	2-Phenoxyethyl propanoate
2807-30-9	2-Propoxyethanol
112-36-7	Diethylene glycol diethyl ether
111-96-6	Diethylene glycol dimethyl ether
124-17-4	Diethylene glycol monobutyl ether acetate
111-77-3	Diethylene glycol monomethyl ether
1002-67-1	Ethane, 1-ethoxy-2-(2-methoxyethoxy)-
110-71-4	Ethylene glycol demethyl ether
629-14-1	Ethylene glycol diethyl ether
111-15-9	Ethylene glycol monoethyl ether acetate
4439-24-1	Ethylene glycol monoisobutyl ether
20706-25-6	Ethylene glycol monopropyl ether acetate
112-49-2	Triethylene glycol dimethyl ether
	Lead compounds, including but not limited to:
	Alkylated lead
598-63-0	Carbonic acid, lead(2+) salt (1:1)
7439-92-1	Lead
7784-40-9	Lead arsenate
10031-13-7	Lead arsenite
18454-12-1	Lead chromate oxide
1309-60-0	Lead dioxide
13814-96-5	Lead fluoroborate
1317-36-8	Lead monoxide
61790-14-5	Lead naphthenate
10099-74-8	Lead nitrate
1335-25-7	Lead oxide
7446-27-7	Lead phosphate (3:2)
7446-14-2	Lead sulphate
1314-41-6	Lead tetroxide
12060-00-3	Lead titanium oxide (PbTiO3)
12626-81-2	Lead zirconate titanate
301-04-2	Lead(II) acetate
7758-97-6	Lead(II) chromate
1335-32-6	Monobasic lead acetate
27253-28-7	Neodecanoic acid, lead salt
7428-48-0	Octadecanoic acid, lead salt
78-00-2	Tetraethyl lead
	Lindane (all isomers), including but not limited to:
608-73-1	1,2,3,4,5,6-Hexachlorocyclohexane
319-84-6	alpha-1,2,3,4,5,6-Hexachlorocyclohexane
319-85-7	beta-Hexachlorocyclohexane
319-86-8	delta-Hexachlorocyclohexane
6108-10-7	epsilon-Hexachlorocyclohexane
6108-12-9	eta-Hexachlorocyclohexane
58-89-9	gamma-Hexachlorocyclohexane

58-89-9	Lindane (all isomers)
6108-13-0	theta-Hexachlorocyclohexane
6108-11-8	zeta-Hexachlorocyclohexane
	Manganese compounds, including but not limited to:
8030-70-4	Fatty acids, tall-oil, manganese salts
7439-96-5	Manganese
12079-65-1	Manganese cyclopentadienyl tricarbonyl
1313-13-9	Manganese dioxide
1317-35-7	Manganese oxide (Mn3O4)
1317-34-6	Manganese sesquioxide
7785-87-7	Manganese sulfate (1:1)
7783-16-6	Manganese(II) hypophosphite monohydrate
1336-93-2	Naphthenic acids, manganese salts
10377-66-9	Nitric acid, manganese(2+) salt (2:1)
7722-64-7	Potassium permanganate
10101-50-5	Sodium permanganate
	Mercury compounds, including but not limited to:
7487-94-7	Mercuric chloride
7439-97-6	Mercury
22967-92-6	Methyl mercury(II) cation
62-38-4	Phenylmercuric acetate
	Nickel compounds, including but not limited to:
7440-02-0	Nickel
13138-45-9	Nickel bis(nitrate)
12710-36-0	Nickel carbide
3333-67-3	Nickel carbonate
7718-54-9	Nickel chloride
6018-89-9	Nickel diacetate tetrahydrate
12054-48-7	Nickel hydroxide (Ni(OH)2)
1314-06-3	Nickel oxide (Ni2O3)
	Nickel refinery dust
12035-72-2	Nickel subsulfide
7786-81-4	Nickel sulfate
13463-39-3	Nickel tetracarbonyl
13462-88-9	Nickel(2+) bromide
373-02-4	Nickel(II) acetate
1313-99-1	Nickel(II) oxide
10101-97-0	Nickel(II) sulfate hexahydrate
1271-28-9	Nickelocene
14220-17-8	Potassium tetracyanonickelate
13770-89-3	Sulfamic acid, nickel(2+) salt (2:1)
	PFAS
375-61-1	1,1,1,2,2,3,3,4,4,5,5-Undecafluoropentane
811-97-2	1,1,1,2-Tetrafluoroethane
420-46-2	1,1,1-Trifluoroethane
82113-65-3	1,1,1-Trifluoro-N-[(trifluoromethyl)sulfonyl] methanesulfonamide
27905-45-9	1,1,2,2-Tetrahydroperfluorodecyl acrylate
17741-60-5	1,1,2,2-Tetrahydroperfluorododecyl acrylate
34362-49-7	1,1,2,2-Tetrahydroperfluorohexadecyl acrylate
34395-24-9	1,1,2,2-Tetrahydroperfluorotetradecyl acrylate
148240-89-5	1,3-Propanediol, 2,2-bis[[(γ-ω-perfluoro-C10-20-alkyl)thio]methyl] derivs., phosphates, ammonium salts
148240-85-1	1,3-Propanediol, 2,2-bis[[(γ-ω-perfluoro-C4-10-alkyl)thio]methyl] derivs., phosphates, ammonium salts
148240-87-3	1,3-Propanediol, 2,2-bis[[(γ-ω-perfluoro-C6-12-alkyl)thio]methyl] derivs., phosphates, ammonium salts
1078142-10-5	1,3-Propanediol, 2,2-bis[[(γ-ω-perfluoro-C6-12-alkyl)thio]methyl] derivs., polymers with 2,2-bis[[(γ-ω-perfluoro-C10-20-alkyl)thio]methyl]-1,3-propanediol, 1,6-diisocyanato-2,2,4(or 2,4,4)-trimethylhexane, 2-heptyl-3,4-bis(9-isocyanatononyl)-1-pentylcyclohexane and 2,2'-(methylimino)bis[ethanol]

68515-62-8	1,4-Benzenedicarboxylic acid, dimethyl ester, reaction products with bis(2-hydroxyethyl)terephthalate, ethylene glycol, α-fluoro-ω-(2-hydroxyethyl)poly(difluoromethylene), hexakis(methoxymethyl)melamine and
120226-60-0	10:2 Fluorotelomer sulfonic acid
763051-92-9	11-Chloroperfluoro-3-oxaundecanesulfonic acid
67906-42-7	1-Decanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heneicosafluoro-, ammonium salt
27619-90-5	1-Decanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-
678-39-7	1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-
27619-91-6	1-Dodecanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluoro-
865-86-1	1-Dodecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluoro-
65104-65-6	1-Eicosanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,19,19,20,20,20-
68555-76-0	1-Heptanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-N-(2-hydroxyethyl)-N-methyl-
68957-62-0	1-Heptanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-
68259-07-4	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, ammonium salt
70225-15-9	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, compd. with 2,2'-iminobis[ethanol]
60270-55-5	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-, potassium salt
335-71-7	1-Heptanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-
60699-51-6	1-Hexadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-nonacosafluoro-
68555-75-9	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-methyl-
68259-08-5	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, ammonium salt
70225-16-0	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)
3871-99-6	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, potassium salt
2252-84-8	1H-Heptafluoropropane
375-17-7	1H-Nonafluorobutane
355-37-3	1H-Perfluorohexane
375-83-7	1-Hydroperfluoroheptane
17202-41-4	1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-, ammonium salt
65104-67-8	1-Octadecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,17,17,18,18,18-
24448-09-7	1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-N-methyl-
31506-32-8	1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-methyl-
178094-69-4	1-Octanesulfonamide, N-[3-(dimethyloxidoamino)propyl]-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-,
2263-09-4	1-Octanesulfonamide, N-butyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-(2-hydroxyethyl)-
67969-69-1	1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-[2-(phosphonooxy)ethyl]-,
61660-12-6	1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-N-[3-(trimethoxysilyl)propyl]-
29081-56-9	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, ammonium salt
70225-14-8	1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, compd. with 2,2'-iminobis[ethanol]
68555-74-8	1-Pentanesulfonamide, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N-(2-hydroxyethyl)-N-methyl-
68259-09-6	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, ammonium salt
70225-17-1	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, compd. with 2,2'-iminobis[ethanol] (1:1)
3872-25-1	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, potassium salt
70983-60-7	1-Propanaminium, 2-hydroxy-N,N,N-trimethyl-, 3-[(γ-ω-perfluoro-C6-20-alkyl)thio] derivs., chlorides
38006-74-5	1-Propanaminium, 3-[[(heptadecafluorooctyl)sulfonyl]amino]-N,N,N-trimethyl-, chloride
1078715-61-3	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-[2-[(γ-ω-perfluoro-C4-20-alkyl)thio]acetyl]
68555-81-7	1-Propanaminium, N,N,N-trimethyl-3-[[(pentadecafluoroheptyl)sulfonyl]amino]-, chloride
67584-58-1	1-Propanaminium, N,N,N-trimethyl-3-[[(pentadecafluoroheptyl)sulfonyl]amino]-, iodide
52166-82-2	1-Propanaminium, N,N,N-trimethyl-3-[[(tridecafluorohexyl)sulfonyl]amino]-, chloride
68957-58-4	1-Propanaminium, N,N,N-trimethyl-3-[[(tridecafluorohexyl)sulfonyl]amino]-, iodide
68957-55-1	1-Propanaminium, N,N,N-trimethyl-3-[[(undecafluoropentyl)sulfonyl]amino]-, chloride
68957-57-3	1-Propanaminium, N,N,N-trimethyl-3-[[(undecafluoropentyl)sulfonyl]amino]-, iodide
68187-47-3	1-Propanesulfonic acid, 2-methyl-, 2-[[1-oxo-3-[(γ-ω-perfluoro-C4-16-alkyl)thio]propyl]amino] derivs., sodium
68758-57-6	1-Tetradecanesulfonyl chloride, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafluoro-
39239-77-5	1-Tetradecanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafluoro-
2991-50-6	2-(N-Ethylperfluorooctanesulfonamido)acetic acid
2355-31-9	2-(N-Methylperfluorooctanesulfonamido)acetic acid
53826-13-4	2-(Perfluorodecyl)ethanoic acid
53826-12-3	2-(Perfluorohexyl)ethanoic acid
27854-31-5	2-(Perfluorooctyl)ethanoic acid

359-49-9	2,3,3,3-Tetrafluoropropanoic Acid
25268-77-3	2-[[(Heptadecafluorooctyl)sulfonyl]methylamino]ethyl acrylate
383-07-3	2-[Butyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl acrylate
423-82-5	2-[Ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl acrylate
376-14-7	2-[Ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl methacrylate
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid
70887-84-2	2H-Perfluoro-2-decenoic acid
3330-14-1	2H-Perfluoro-5-methyl-3,6-dioxanonane
68867-60-7	2-Propenoic acid, 2-[[(heptadecafluorooctyl)sulfonyl]methylamino]ethyl ester, polymer with 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-
68298-62-4	2-Propenoic acid, 2-[butyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester, telomer with 2-[butyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, methyloxirane polymer with oxirane di-2-propenoate, methyloxirane polymer with oxirane mono-2-propenoate and 1-octanethiol
59071-10-2	2-Propenoic acid, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl ester
68084-62-8	2-Propenoic acid, 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl ester
67584-57-0	2-Propenoic acid, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl ester
67584-56-9	2-Propenoic acid, 2-[methyl[(undecafluoropentyl)sulfonyl]amino]ethyl ester
150135-57-2	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with Bu acrylate, γ-ω-perfluoro-C8-14-alkyl acrylate and polyethylene glycol monomethacrylate, 2,2'-azobis[2,4-dimethylpentanenitrile]-initiated
196316-34-4	2-Propenoic acid, 2-methyl-, 2-(dimethylamino)ethyl ester, polymers with γ-ω-perfluoro-C10-16-alkyl acrylate
68555-91-9	2-Propenoic acid, 2-methyl-, 2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl ester, polymer with 2-[ethyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-methyl-2-propenoate, 2-
68239-43-0	2-Propenoic acid, 2-methyl-, 2-ethylhexyl ester, polymer with α-fluoro-ω-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene), 2-hydroxyethyl 2-methyl-2-propenoate and N-(hydroxymethyl)-2-
1996-88-9	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester
2144-54-9	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluorododecyl ester
65104-45-2	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluorododecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-methyl-2-propenoate, methyl 2-methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafluorotetradecyl 2-methyl-2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl 2-methyl-2-propenoate
6014-75-1	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-
4980-53-4	2-Propenoic acid, 2-methyl-, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,16,16,16-
65605-59-6	2-Propenoic acid, 2-methyl-, dodecyl ester, polymer with α-fluoro-ω-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene) and N-(hydroxymethyl)-2-propenamide
203743-03-7	2-Propenoic acid, 2-methyl-, hexadecyl ester, polymers with 2-hydroxyethyl methacrylate, γ-ω-perfluoro-C10-16-alkyl acrylate and stearyl methacrylate
142636-88-2	2-Propenoic acid, 2-methyl-, octadecyl ester, polymer with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-heneicosafluorododecyl 2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,14-pentacosafluorotetradecyl 2-
200513-42-4	2-Propenoic acid, 2-methyl-, polymer with butyl 2-methyl-2-propenoate, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl 2-propenoate, 2-hydroxyethyl 2-methyl-2-propenoate and methyl 2-methyl-2-
68227-96-3	2-Propenoic acid, butyl ester, telomer with 2-[[(heptadecafluorooctyl)sulfonyl]methylamino]ethyl 2-propenoate, 2-[methyl[(nonafluorobutyl)sulfonyl]amino]ethyl 2-propenoate, α-(2-methyl-1-oxo-2-propenyl)-ω-hydroxypoly(oxy-1,4-butanediyl), α-(2-methyl-1-oxo-2-propenyl)-ω-[(2-methyl-1-oxo-2-propenyl)oxy]poly(oxy-1,4-butanediyl), 2-[methyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl 2-propenoate, 2-[methyl[(tridecafluorohexyl)sulfonyl]amino]ethyl 2-propenoate, 2-
65605-58-5	2-Propenoic acid, esters, 2-methyl-, dodecyl ester, polymer with α-fluoro-ω-[2-[(2-methyl-1-oxo-2-propen-1-yl)oxy]ethyl]poly(difluoromethylene)
812-70-4	3-(Perfluoroheptyl)propanoic acid
70887-88-6	3-(Perfluoropentyl)-3-fluoro-2-propenoic acid
356-02-5	3:3 Fluorotelomer carboxylic acid
1652-63-7	3-[[(Heptadecafluorooctyl)sulfonyl]amino]-N,N,N-trimethyl-1-propanaminium iodide
919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid

27619-93-8	4:2 Fluorotelomer sulfonate sodium
757124-72-4	4:2 Fluorotelomer sulfonic acid
27619-94-9	6:2 Fluorotelomer sulfonate sodium salt
27619-97-2	6:2 Fluorotelomer sulfonic acid
27619-96-1	8:2 Fluorotelomer sulfonate sodium salt
39108-34-4	8:2 Fluorotelomer sulfonic acid
335-65-9	8H-Perfluorooctane
2742694-36-4	Acetamide, N-(2-aminoethyl)-, 2-[(γ-ω-perfluoro-C4-20-alkyl)thio] derivs., polymers with N1,N1-dimethyl-1,3-propanediamine, epichlorohydrin and ethylenediamine, oxidized
2738952-61-7	Acetamide, N-[3-(dimethylamino)propyl]-, 2-[(γ-ω-perfluoro-C4-20-alkyl)thio] derivs.
2744262-09-5	Acetic acid, 2-[(γ-ω-perfluoro-C4-20-alkyl)thio] derivs., 2-hydroxypropyl esters
68391-08-2	Alcohols, C8-14, γ-ω-perfluoro
2728655-42-1	Alcohols, C8-16, γ-ω-perfluoro, reaction products with 1,6-diisocyanatohexane, glycidol and stearyl alc.
97659-47-7	Alkenes, C8-14 α-, δ-ω-perfluoro
68188-12-5	Alkyl iodides, C4-20, γ-ω-perfluoro
10495-86-0	Ammonium perfluorobutanoate
21615-47-4	Ammonium perfluorohexanoate
3825-26-1	Ammonium perfluorooctanoate
2816091-53-7	Betaines, dimethyl(.gamma.-.omega.-perfluoro-.gamma.-hydro-C8-18-alkyl)
1478-61-1	Bisphenol AF
68187-25-7	Butanoic acid, 4-[[3-(dimethylamino)propyl]amino]-4-oxo-, 2(or 3)-[(γ-ω-perfluoro-C6-20-alkyl)thio] derivs.
75-73-0	Carbon tetrafluoride
75-45-6	Chlorodifluoromethane
75-72-9	Chlorotrifluoromethane
68141-02-6	Chromium(III) perfluorooctanoate
67584-42-3	Cyclohexanesulfonic acid, decafluoro(pentafluoroethyl)-, potassium salt
68156-07-0	Cyclohexanesulfonic acid, decafluoro(trifluoromethyl)-, potassium salt
68156-01-4	Cyclohexanesulfonic acid, nonafluorobis(trifluoromethyl)-, potassium salt
3107-18-4	Cyclohexanesulfonic acid, undecafluoro-, potassium salt
2043-53-0	Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo-
75-10-5	Difluoromethane
118400-71-8	Disulfides, bis(γ-ω-perfluoro-C6-20-alkyl)
2043-54-1	Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafluoro-12-iodo-
56773-42-3	Ethanaminium, N,N,N-triethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonic
65636-35-3	Ethanaminium, N,N-diethyl-N-methyl-2-[(2-methyl-1-oxo-2-propenyl)oxy]-, methyl sulfate, polymer with 2-ethylhexyl 2-methyl-2-propenoate, α-fluoro-ω-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]poly(difluoromethylene), 2-hydroxyethyl 2-methyl-2-propenoate and N-(hydroxymethyl)-2-
182176-52-9	Ethaneperoxoic acid, reaction products with 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl thiocyanate and 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl thiocyanate
65530-64-5	Ethanol, 2,2'-iminobis-, compd. with α,α'-[phosphinicobis(oxy-2,1-ethanediyl)]bis[ω-
65530-74-7	Ethanol, 2,2'-iminobis-, compd. with α-fluoro-ω-[2-(phosphonooxy)ethyl]poly(difluoromethylene) (1:1)
65530-63-4	Ethanol, 2,2'-iminobis-, compd. with α-fluoro-ω-[2-(phosphonooxy)ethyl]poly(difluoromethylene) (2:1)
72623-77-9	Fatty acids, C6-18, perfluoro, ammonium salts
72968-38-8	Fatty acids, C7-13, perfluoro, ammonium salts
178535-23-4	Fatty acids, linseed-oil, γ-ω-perfluoro-C8-14-alkyl esters
593-53-3	Fluoromethane
55910-10-6	Glycine, N-[(heptadecafluorooctyl)sulfonyl]-N-propyl-, potassium salt
2991-51-7	Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt
67584-62-7	Glycine, N-ethyl-N-[(pentadecafluoroheptyl)sulfonyl]-, potassium salt
67584-53-6	Glycine, N-ethyl-N-[(tridecafluorohexyl)sulfonyl]-, potassium salt
67584-52-5	Glycine, N-ethyl-N-[(undecafluoropentyl)sulfonyl]-, potassium salt
65510-55-6	Hexadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-nonacosafluoro-16-iodo-
116-15-4	Hexafluoropropene
13252-13-6	Hexafluoropropylene oxide dimer acid
62037-80-3	Hexafluoropropylene oxide dimer acid ammonium salt
135228-60-3	Hexane, 1,6-diisocyanato-, homopolymer, γ-ω-perfluoro-C6-20-alc.-blocked

29457-72-5	Lithium (perfluorooctane)sulfonate
90076-65-6	Lithium bis[(trifluoromethyl)sulfonyl] azanide
376-27-2	Methyl perfluorooctanoate
1691-99-2	N-Ethyl-N-(2-hydroxyethyl)perfluorooctanesulfonamide
16517-11-6	Octadecanoic acid, pentatriacontafluoro-
115-25-3	Octafluorocyclobutane
559-40-0	Octafluorocyclopentene
335-66-0	Octanoyl fluoride, pentadecafluoro-
354-33-6	Pentafluoroethane
71608-60-1	Pentanoic acid, 4,4-bis[(γ-ω-perfluoro-C8-20-alkyl)thio] derivs.
678-26-2	Perflenapent
756426-58-1	Perfluoro(2-((6-chlorohexyl)oxy)ethanesulfonic acid)
863090-89-5	Perfluoro(4-methoxybutanoic acid)
428-59-1	Perfluoro(methyloxirane)
113507-82-7	Perfluoro-2-ethoxyethanesulfonic acid
3330-15-2	Perfluoro-3-(1H-perfluoroethoxy)propane
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid
377-73-1	Perfluoro-3-methoxypropanoic acid
355-25-9	Perfluorobutane
375-73-5	Perfluorobutane sulfonic acid
45187-15-3	Perfluorobutanesulfonate
45048-62-2	Perfluorobutanoate
375-22-4	Perfluorobutanoic acid
335-77-3	Perfluorodecanesulfonic acid
335-76-2	Perfluorodecanoic acid
79780-39-5	Perfluorododecanesulfonic acid
307-55-1	Perfluorododecanoic acid
76-16-4	Perfluoroethane
335-57-9	Perfluoroheptane
375-92-8	Perfluoroheptanesulfonic acid
375-85-9	Perfluoroheptanoic acid
355-42-0	Perfluorohexane
355-46-4	Perfluorohexanesulfonic acid
307-24-4	Perfluorohexanoic acid
68259-12-1	Perfluorononanesulfonic acid
375-95-1	Perfluorononanoic acid
307-34-6	Perfluorooctane
1763-23-1	Perfluorooctane sulfonic acid
754-91-6	Perfluorooctanesulfonamide
335-67-1	Perfluorooctanoic acid
21652-58-4	Perfluorooctyl Ethylene
507-63-1	Perfluorooctyl iodide
307-35-7	Perfluorooctylsulfonyl fluoride
67905-19-5	Perfluoropalmitic acid
2706-91-4	Perfluoropentanesulfonic acid
2706-90-3	Perfluoropentanoic acid
76-19-7	Perfluoropropane
422-64-0	Perfluoropropanoic acid
365971-87-5	Perfluorotetradecanoate
376-06-7	Perfluorotetradecanoic acid
72629-94-8	Perfluorotridecanoic acid
2058-94-8	Perfluoroundecanoic acid
68412-69-1	Phosphinic acid, bis(perfluoro-C6-12-alkyl) derivs.
68412-68-0	Phosphonic acid, perfluoro-C6-12-alkyl derivs.
74499-44-8	Phosphoric acid, γ-ω-perfluoro-C8-16-alkyl esters, compds. with diethanolamine
65530-62-3	Poly(difluoromethylene), α,α'-[phosphinicobis(oxy-2,1-ethanediyl)]bis[ω-fluoro-

65530-70-3	Poly(difluoromethylene), α,α'-[phosphinicobis(oxy-2,1-ethanediyl)]bis[ω-fluoro-, ammonium salt
123171-68-6	Poly(difluoromethylene), α-[2-(acetyloxy)-3-[(carboxymethyl)dimethylammonio]propyl]-ω-fluoro-, inner salt
65530-83-8	Poly(difluoromethylene), α-[2-[(2-carboxyethyl)thio]ethyl]-ω-fluoro-
65530-69-0	Poly(difluoromethylene), α-[2-[(2-carboxyethyl)thio]ethyl]-ω-fluoro-, lithium salt
65530-59-8	Poly(difluoromethylene), α-fluoro-ω-(2-hydroxyethyl)-, 2-hydroxy-1,2,3-propanetricarboxylate (3:1)
65605-56-3	Poly(difluoromethylene), α-fluoro-ω-(2-hydroxyethyl)-, dihydrogen 2-hydroxy-1,2,3-propanetricarboxylate
65605-57-4	Poly(difluoromethylene), α-fluoro-ω-(2-hydroxyethyl)-, hydrogen 2-hydroxy-1,2,3-propanetricarboxylate
65530-61-2	Poly(difluoromethylene), α-fluoro-ω-[2-(phosphonooxy)ethyl]-
95144-12-0	Poly(difluoromethylene), α-fluoro-ω-[2-(phosphonooxy)ethyl]-, ammonium salt
65530-72-5	Poly(difluoromethylene), α-fluoro-ω-[2-(phosphonooxy)ethyl]-, diammonium salt
65530-71-4	Poly(difluoromethylene), α-fluoro-ω-[2-(phosphonooxy)ethyl]-, monoammonium salt
65605-73-4	Poly(difluoromethylene), α-fluoro-ω-[2-[(1-oxo-2-propenyl)oxy]ethyl]-, homopolymer
65530-65-6	Poly(difluoromethylene), α-fluoro-ω-[2-[(1-oxooctadecyl)oxy]ethyl]-
65530-66-7	Poly(difluoromethylene), α-fluoro-ω-[2-[(2-methyl-1-oxo-2-propenyl)oxy]ethyl]-
80010-37-3	Poly(difluoromethylene), α-fluoro-ω-[2-sulphoethyl)-
29117-08-6	Poly(oxy-1,2-ethanediyl), α-[2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]-ω-hydroxy-
68958-61-2	Poly(oxy-1,2-ethanediyl), α-[2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]-ω-methoxy-
68298-81-7	Poly(oxy-1,2-ethanediyl), α-[2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl]-ω-hydroxy-
68958-60-1	Poly(oxy-1,2-ethanediyl), α-[2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl]-ω-methoxy-
56372-23-7	Poly(oxy-1,2-ethanediyl), α-[2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl]-ω-hydroxy-
68298-80-6	Poly(oxy-1,2-ethanediyl), α-[2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl]-ω-hydroxy-
65545-80-4	Poly(oxy-1,2-ethanediyl), α-hydro-ω-hydroxy-, ether with α-fluoro-ω-(2-hydroxyethyl)poly(difluoromethylene)
70983-59-4	Poly(oxy-1,2-ethanediyl), α-methyl-ω-hydroxy-, 2-hydroxy-3-[(γ-ω-perfluoro-C6-20-alkyl)thio]propyl ethers
37338-48-0	Poly[oxy(methyl-1,2-ethanediyl)], α-[2-[ethyl[(heptadecafluorooctyl)sulfonyl]amino]ethyl]-ω-hydroxy-
68259-39-2	Poly[oxy(methyl-1,2-ethanediyl)], α-[2-[ethyl[(pentadecafluoroheptyl)sulfonyl]amino]ethyl]-ω-hydroxy-
68259-38-1	Poly[oxy(methyl-1,2-ethanediyl)], α-[2-[ethyl[(tridecafluorohexyl)sulfonyl]amino]ethyl]-ω-hydroxy-
68310-17-8	Poly[oxy(methyl-1,2-ethanediyl)], α-[2-[ethyl[(undecafluoropentyl)sulfonyl]amino]ethyl]-ω-hydroxy-
83329-89-9	Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate
2966-54-3	Potassium heptafluorobutanoate
335-24-0	Potassium perfluoro-4-ethylcyclohexanesulfonate
29420-49-3	Potassium perfluorobutane sulfonate
2795-39-3	Potassium perfluorooctanesulfonate
2395-00-8	Potassium perfluorooctanoate
2923-16-2	Potassium trifluoroacetate
238420-80-9	Propanedioic acid, mono(γ-ω-perfluoro-C8-12-alkyl) derivs., bis[4-(ethenyloxy)butyl] esters
238420-68-3	Propanedioic acid, mono(γ-ω-perfluoro-C8-12-alkyl) derivs., di-me esters
61798-68-3	Pyridinium, 1-(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-, salt with 4-methylbenzenesulfonic
83048-65-1	Silane, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)trimethoxy-
78560-44-8	Silane, trichloro(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)-
125476-71-3	Silicic acid (H_4SiO_4), disodium salt, reaction products with chlorotrimethylsilane and 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-1-decanol
143372-54-7	Siloxanes and Silicones, (3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl)oxy Me, hydroxy Me, Me octyl, ethers with polyethylene glycol mono-Me ether
335-93-3	Silver(I) perfluorooctanoate
2250081-67-3	Sodium 4,8-dioxa-3H-perfluorononanoate
2218-54-4	Sodium perfluorobutanoate
2806-15-7	Sodium perfluorodecanesulfonate
1260224-54-1	Sodium perfluorododecanesulfonate
21934-50-9	Sodium perfluoroheptane sulfonate
2923-26-4	Sodium perfluorohexanoate
4021-47-0	Sodium perfluorooctanesulfonate
335-95-5	Sodium perfluorooctanoate
4151-50-2	Sulfluramid
180582-79-0	Sulfonic acids, C6-12-alkane, γ-ω-perfluoro, ammonium salts
30046-31-2	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-pentacosafluoro-14-iodo-
116-14-3	Tetrafluoroethylene

97553-95-2	Thiocyanic acid, γ-ω-perfluoro-C4-20-alkyl esters
68140-21-6	Thiols, C10-20, γ-ω-perfluoro
68140-18-1	Thiols, C4-10, γ-ω-perfluoro
1078712-88-5	Thiols, C4-20, γ-ω-perfluoro, telomers with acrylamide and acrylic acid, sodium salts
68140-20-5	Thiols, C6-12, γ-ω-perfluoro
70969-47-0	Thiols, C8-20, γ-ω-perfluoro, telomers with acrylamide
75-69-4	Trichlorofluoromethane
75-46-7	Trifluoromethane
1493-13-6	Trifluoromethanesulfonic acid
	Phosphorus compounds, including but not limited to:
7664-38-2	Phosphoric acid
10025-87-3	Phosphoric trichloride
	Polychlorinated biphenyls, including but not limited to:
39635-31-9	2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB-189)
38380-08-4	2,3,3',4,4',5/2,3,3',4,4',5-Hexachlorobiphenyl (PCBs 156/157)
32598-14-4	2,3,3',4,4'-Pentachlorobiphenyl (PCB-105)
52663-72-6	2,3',4,4',5,5'-Hexachlorobiphenyl (PCB-167)
74472-37-0	2,3,4,4',5-Pentachlorobiphenyl (PCB-114)
31508-00-6	2,3',4,4',5-Pentachlorobiphenyl (PCB-118)
65510-44-3	2',3,4,4',5-Pentachlorobiphenyl (PCB-123)
7012-37-5	2,4,4'-Trichlorobiphenyl
2051-60-7	2-Chlorobiphenyl
32774-16-6	3,3',4,4',5,5'-Hexachlorobiphenyl (PCB-169)
57465-28-8	3,3',4,4',5-Pentachlorobiphenyl (PCB-126)
32598-13-3	3,3',4,4'-Tetrachlorobiphenyl (PCB-77)
70362-50-4	3,4,4',5-Tetrachlorobiphenyl (PCB-81)
2050-68-2	4,4'-Dichlorobiphenyl (PCB-15)
2051-24-3	Decachlorobiphenyl (PCB-209)
28655-71-2	Heptachlorobiphenyls
26601-64-9	Hexachlorobiphenyls
53742-07-7	Nonachlorobiphenyls
55722-26-4	Octachlorobiphenyls
25429-29-2	Pentachlorobiphenyls
1336-36-3	Polychlorinated biphenyls
26914-33-0	Tetrachlorobiphenyls
	Polycyclic organic mater, including but not limited to:
51338-27-3	(+-)-Diclofop-methyl
64969-34-2	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-, sulfate (1:2)
42397-64-8	1,6-Dinitropyrene
42397-65-9	1,8-Dinitropyrene
2422-79-9	12-Methylbenz[a]anthracene
81-49-2	1-Amino-2,4-dibromoanthraquinone
82-28-0	1-Amino-2-methylanthraquinone
832-69-9	1-Methyl phenanthrene
90-12-0	1-Methylnaphthalene
2381-21-7	1-Methylpyrene
134-32-7	1-Naphthylamine
5522-43-0	1-Nitropyrene
1163-19-5	2,2',3,3',4,4',5,5',6,6'-Decabromodiphenyl ether
117-79-3	2-Aminoanthraquinone
91-58-7	2-Chloronaphthalene
26914-18-1	2-Methylanthracene
91-57-6	2-Methylnaphthalene
2531-84-2	2-Methylphenanthrene
91-59-8	2-Naphthylamine
607-57-8	2-Nitrofluorene

90-43-7	2-Phenylphenol
79-94-7	3,3',5,5'-Tetrabromobisphenol A
612-83-9	3,3'-Dichlorobenzidine dihydrochloride
111984-09-9	3,3'-Dimethoxybenzidine hydrochloride
612-82-8	3,3'-Dimethylbenzidine dihydrochloride
56-49-5	3-Methylcholanthrene
101-61-1	4,4'-Methylenebis(N,N-dimethylaniline)
101-80-4	4,4'-Oxydianiline
139-65-1	4,4'-Thiodianiline
57835-92-4	4-Nitropyrene
156-10-5	4-Nitrosodiphenylamine
57-41-0	5-5-Diphenylhydantoin
3697-24-3	5-Methylchrysene
602-87-9	5-Nitroacenaphthene
41637-90-5	6-Methylchrysene
7496-02-8	6-Nitrochrysene
57-97-6	7,12-Dimethylbenz(a)anthracene
194-59-2	7H-Dibenzo[c,g]carbazole
779-02-2	9-Methylanthracene
83-32-9	Acenaphthene
208-96-8	Acenaphthylene
3761-53-3	Acid Red 26
62476-59-9	Acifluorfen sodium
68085-85-8	alpha-Cyhalothrin
33089-61-1	Amitraz
120-12-7	Anthracene
492-80-8	Auramine
56-55-3	Benz(a)anthracene
205-99-2	Benzo(b)fluoranthene
205-82-3	Benzo(j)fluoranthene
203-33-8	Benzo[a]fluoranthene
50-32-8	Benzo[a]pyrene
195-19-7	Benzo[c]phenanthrene
192-97-2	Benzo[e]pyrene
203-12-3	Benzo[g,h,i]fluoranthene
191-24-2	Benzo[g,h,i]perylene
207-08-9	Benzo[k]fluoranthene
56832-73-6	Benzofluoranthene
94-36-0	Benzoyl peroxide
82657-04-3	Bifenthrin
80-05-7	Bisphenol A
6459-94-5	C.I. Acid Red 114
1937-37-7	C.I. Direct Black 38
72-57-1	C.I. Direct Blue 14
28407-37-6	C.I. Direct Blue 218
2602-46-2	C.I. Direct Blue 6
16071-86-6	C.I. Direct Brown 95
20325-40-0	C.I. Disperse Black 6 dihydrochloride
2832-40-8	C.I. Disperse Yellow 3
3118-97-6	C.I. Solvent Orange 7
60-09-3	C.I. Solvent Yellow 1
842-07-9	C.I. Solvent Yellow 14
128-66-5	C.I. Vat Yellow 4
86-74-8	Carbazole
218-01-9	Chrysene
	Coal tar

68359-37-5	Cyfluthrin
13684-56-5	Desmedipham
226-36-8	Dibenz[a,h]acridine
53-70-3	Dibenz[a,h]anthracene
224-42-0	Dibenz[a,j]acridine
192-65-4	Dibenzo(a,e)pyrene
5385-75-1	Dibenzo[a,e]fluoranthene
189-64-0	Dibenzo[a,h]pyrene
189-55-9	Dibenzo[a,i]pyrene
191-30-0	Dibenzo[a,l]pyrene
97-23-4	Dichlorophen
115-32-2	Dicofol
35367-38-5	Diflubenzuron
957-51-7	Diphenamid
122-39-4	Diphenylamine
4680-78-8	FD&C Green No. 1
60168-88-9	Fenarimol
13356-08-6	Fenbutatin oxide
66441-23-4	Fenoxaprop-ethyl
72490-01-8	Fenoxycarb
39515-41-8	Fenpropathrin
51630-58-1	Fenvalerate
206-44-0	Fluoranthene
86-73-7	Fluorene
69409-94-5	Fluvalinate
72178-02-0	Fomesafen
1335-87-1	Hexachloronaphthalene
70-30-4	Hexachlorophene
67485-29-4	Hydramethylnon
193-39-5	Indeno[1,2,3-cd]pyrene
77501-63-4	Lactofen
569-64-2	Malachite green
65357-69-9	Methylbenzopyrene
90-94-8	Michler's ketone
1836-75-5	Nitrofen
86-30-6	N-Nitrosodiphenylamine
97-56-3	o-Aminoazotoluene
2234-13-1	Octachloronaphthalene
41766-75-0	o-Tolidine dihydrofluoride
42874-03-3	Oxyfluorfen
52645-53-1	Permethrin
198-55-0	Perylene
85-01-8	Phenanthrene
77-09-8	Phenolphthalein
26002-80-2	Phenothrin
	Polybrominated biphenyls
130498-29-2	Polycyclic aromatic hydrocarbons
	Polycyclic aromatic hydrocarbons/Polycyclic organic matter - unspecified
129-00-0	Pyrene
76578-14-8	Quizalofop-ethyl
989-38-8	Rhodamine 6G
81-88-9	Rhodamine B
132-27-4	Sodium 2-phenylphenate
3383-96-8	Temephos
639-58-7	Triphenyltin chloride
76-87-9	Triphenyltin hydroxide

	Warfarin and salts
	Selenium compounds, including but not limited to:
7783-07-5	Hydrogen selenide
7783-00-8	Selenious acid
7782-49-2	Selenium
7446-08-4	Selenium dioxide
7488-56-4	Selenium disulfide
7783-79-1	Selenium hexafluoride
12640-89-0	Selenium oxide
7446-34-6	Selenium sulfide (SeS)
	Vanadium compounds, including but not limited to:
12604-58-9	Ferrovanadium
7440-62-2	Vanadium
1314-62-1	Vanadium oxide (V2O5)
	Xylenes including:
108-38-3	m-Xylene
95-47-6	o-Xylene
106-42-3	p-Xylene
1330-20-7	Xylenes (mixed isomers)
	Zinc compounds, including but not limited to:
50922-29-7	Chromium zinc oxide
12018-19-8	Chromium zinc oxide (Cr2ZnO4)
7440-66-6	Zinc
13530-65-9	Zinc chromate
557-21-1	Zinc cyanide
1314-13-2	Zinc oxide
11103-86-9	Zinc potassium chromate

Pollutants with no de minimis for which all emissions must be reported:

309-00-2	Aldrin
57-74-9	Chlordane
75-21-8	Ethylene oxide
76-44-8	Heptachlor
118-74-1	Hexachlorobenzene
72-43-5	Methoxychlor
40487-42-1	Pendimethalin
8001-35-2	Toxaphene
1582-09-8	Trifluralin
	Arsenic compounds (see full list for compounds)
	Cadmium compounds (see full list for compounds)
	Chromium compounds (see full list for compounds)
	Cobalt compounds (see full list for compounds)
	Dioxins/furans (see full list)
	Lead compounds (see full list for compounds)
	Mercury compounds (see full list for compounds)
	Nickel compounds (see full list for compounds)
	PFAS (see full list)
	Polychlorinated biphenyls (PCBs) (see full list)
	Polycyclic organic mater (see full list)