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**AN ORDINANCE  
of the  
CITY OF  
MINNEAPOLIS**

By: \_\_\_\_\_

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**Amending Title 3, Chapter 48 of the Minneapolis Code of Ordinances relating to  
Minneapolis Watershed Management Authority.**

The City Council of the City of Minneapolis do ordain as follows:

Section 1. That Section 48.160 of the above-entitled ordinance be amended to read as follows:

**48.160. Annual chemical inventory registration.** (a) Any owner or operator of land, buildings, or structures where a daily inventory of chemicals is maintained exceeding minimum thresholds as identified in section 48.170 shall obtain an Annual Chemical Inventory Registration for their facility.

(b) The fees for an Annual Chemical Inventory Registration shall be as established in section 48.310 of this chapter.

~~(c) Local units of government shall be exempt from the fee required by this section, but must register their site.~~

~~(d) State and federal agencies are exempt from fee and registration requirements but are requested to register their sites.~~

(ce) Each registration application shall include the following information:

(1) Identification of local site contact responsible for the Annual Chemical Inventory Registration at the facility site.

(2) Identification of a twenty-four-hour contact responsible for the Annual Chemical Inventory Registration at the facility site.

(3) Identification of all chemicals identified in 48.170.

(4) Listing of storage quantities and capacity of storage of all chemicals identified in 48.170.

- (5) ~~Identification of site sanitary sewer systems and the drainage path of this system to Metropolitan Council Interceptor.~~
- (65) Site map identifying interior and exterior chemical storage areas, buildings, site access, local streets, floor drains, area drains, and area catch basins that drain to the city storm water drainage system and site topography identifying site drainage patterns. ~~and site surface water drainage system and the drainage path to the nearest outfall to waters of the State.~~
- (76) Such other information relating to chemical storage on the site and the identification of the persons involved as the Director of Operations and Regulatory Services or their designee may, ~~from time to time,~~ prescribe ~~on a written application form.~~

Section 2. That Section 48.170 of the above-entitled ordinance be amended to read as follows:

**48.170. Minimum thresholds for annual chemical inventory registration.** An annual chemical inventory registration pursuant to this chapter shall be obtained when any of the following amounts are met or exceeded or the specified condition is met:

- (1) Any chemical for which a Material Safety Data Sheet (MSDS) is required by the United States Occupational Safety and Health Administration (OSHA) and which is stored in amounts equal to or greater than ten thousand (10,000) pounds. The amount of a chemical stored means the total amount of the chemical present at any one (1) time at a facility regardless of location, number of containers, or method of storage.
- (2) Any chemical identified as an extremely hazardous substance that exceeds its threshold planning quantity as list in the Code of Federal Regulations, Title 40 Protection of the Environment, Part 355 Emergency Planning and Notification, Appendix A – The list of Extremely Hazardous Substances and their Threshold Planning Quantities. ~~as listed in the table in this chapter and stored in quantities greater than the threshold quantity as defined in the table in this chapter.~~ The amount of an extremely hazardous substance stored means the total amount of an extremely hazardous substance present at any one (1) time at a facility at concentrations greater than one (1) percent by weight, regardless of location, number of containers, or method of storage. The amount of an extremely hazardous substance, when part of a mixture or solution, shall be determined by multiplying its weight percent (when greater than one (1) percent) by the mass, in pounds, in the vessel to yield the actual quantity of the extremely hazardous substance.

Section 3. That Section 48.180 of the above-entitled ordinance be and is hereby repealed:

**48.180. Extremely hazardous substances.** For the purposes of this chapter the following are extremely hazardous substances and have the threshold quantity as listed.

The List of Extremely Hazardous Substances and Their Threshold Quantities

[Alphabetical Order]

CAS No.	Chemical Name	Threshold Quantity* (pounds)
-	-	-
75-86-5	Acetone Cyanohydrin	500
1752-30-3	Acetone Thiosemicarbazide	500
107-02-8	Acrolein	500
79-06-1	Acrylamide	500
107-13-1	Acrylonitrile	500
814-68-6	Acrylyl Chloride	100
111-69-3	Adiponitrile	500
116-06-3	Aldicarb	100/500
309-00-2	Aldrin	500
107-18-6	Allyl Alcohol	500
107-11-9	Allylamine	500
20859-73-8	Aluminum Phosphide	500
54-62-6	Aminopterin	500
78-53-5	Amiton	500
3734-97-2	Amiton Oxalate	100/500
7664-41-7	Ammonia	500
300-62-9	Amphetamine	500
62-53-3	Aniline	500
88-05-1	Aniline, 2, 4, 6-Trimethyl-	500
7783-70-2	Antimony Pentafluoride	500
1397-94-0	Antimycin A	500
86-88-4	ANTU	500
1303-28-2	Arsenic Pentoxide	100/500
1327-53-3	Arsenous Oxide	100/500
7784-34-1	Arsenous Trichloride	500
7784-42-1	Arsine	100
2642-71-9	Azinphos-Ethyl	100/500
86-50-0	Azinphos-Methyl	10/500
98-87-3	Benzal Chloride	500
98-16-8	Benzenamine,3-(Trifluoromethyl)-	500
100-14-1	Benzene, 1-(Chloromethyl)-4-Nitro-	500
98-05-5	Benzeneearsonic Acid	10/500
3615-21-2	Benzimidazole, 4, 5-Dichloro-2-(Trifluoromethyl)-	500
98-07-7	Benzotrichloride	100
100-44-7	Benzyl Chloride	500
140-29-4	Benzyl Cyanide	500

15271-41-7	Bicyclo[2.2.1]Heptane-2-Carbonitrile, 5-Chloro-6-(((Methylamino)Carbonyl)Oxy)Imino-, (1s-(1-alpha, 2-beta, 4-alpha, 5-alpha, 6E))-	500
534-07-6	Bis(Chloromethyl)Ketone	10/500
4044-65-9	Bitoscanate	500
10294-34-5	Boron Trichloride	500
712/7637	Boron Trifluoride	500
353-42-4	Boron Trifluoride Compound With Methyl Ether (1:1)	500
28772-56-7	Bromadiolone	100/500
7726-95-6	Bromine	500
1306-19-0	Cadmium Oxide	100/500
2223-93-0	Cadmium Stearate	500
7778-44-1	Calcium Arsenate	500
8001-35-2	Camphechlor	500
56-25-7	Cantharidin	100/500
51-83-2	Carbachol Chloride	500
26419-73-8	Carbamic Acid, Methyl-, O-(((2,4-Dimethyl-1,3-Dithiolan-2-yl)Methylene)Amino)-	100/500
1563-66-2	Carbofuran	10/500
75-15-0	Carbon Disulfide	500
786-19-6	Carbophenothion	500
57-74-9	Chlordane	500
470-90-6	Chlorfeninfos	500
7782-50-5	Chlorine	100
24934-91-6	Chlormephos	500
999-81-5	Chlormequat Chloride	100/500
79-11-8	Chloroacetic Acid	100/500
107-07-3	Chloroethanol	500
627-11-2	Chloroethyl Chloroformate	500
67-66-3	Chloroform	500
542-88-1	Chloromethyl Ether	100
107-30-2	Chloromethyl Methyl Ether	100
3691-35-8	Chlorophacinone	100/500
1982-47-4	Chloroxuron	500
21923-23-9	Chlorthiophos	500
10025-73-7	Chromic Chloride	1/500
62207-76-5	Cobalt,((2, 2'-(1,2-Ethanediy)bis (Nitrilomethylidyne)) Bis(6-Fluorophenolato)) (2-) N,N',O,O')-	100/500
10210-68-1	Cobalt Carbonyl	10/500
64-86-8	Colchicine	10/500
56-72-4	Coumaphos	100/500
5836-29-3	Coumatetralyl	500
95-48-7	Cresol, o-	500
535-89-7	Crimidine	100/500
4170-30-3	Crotonaldehyde	500
123-73-9	Crotonaldehyde, (E)-	500
506-68-3	Cyanogen Bromide	500
506-78-5	Cyanogen Iodide	500
2636-26-2	Cyanophos	500

675-14-9	Cyanuric Fluoride	100
66-81-9	Cycloheximide	100/500
108-91-8	Cyclohexylamine	500
17702-41-9	Decaborane (14)	500
8065-48-3	Demeton	500
919-86-8	Demeton-S Methyl	500
10311-84-9	Dialifer	100/500
19287-45-7	Diborane	100
111-44-4	Dichloroethyl ether	500
149-74-6	Dichloromethylphenylsilane	500
62-73-7	Dichlorvos	500
141-66-2	Dicrotophos	100
1464-53-5	Diepoxybutane	500
814-49-3	Diethyl Chlorophosphate	500
71-63-6	Digitoxin	100/500
7/5/2238	Diglycidyl Ether	500
20830-75-5	Digoxin	10/500
115-26-4	Dimefox	500
60-51-5	Dimethoate	500
2524-03-0	Dimethyl Phosphorochloridothioate	500
77-78-1	Dimethylsulfate	500
75-78-5	Dimethyldichlorosilane	500
57-14-7	Dimethylhydrazine	500
99-98-9	Dimethyl-p-Phenylenediamine	10/500
644-64-4	Dimetilan	500
534-52-1	Dinitrocresol	10/500
88-85-7	Dinoseb	100/500
1420-07-1	Dinoterb	500
78-34-2	Dioxathion	500
82-66-6	Diphacinone	10/500
152-16-9	Diphosphoramidate, Octamethyl-	100
298-04-4	Disulfoton	500
514-73-8	Dithiazanine Iodide	500
541-53-7	Dithiobiuret	100/500
316-42-7	Emetine, Dihydrochloride	1/500
115-29-7	Endosulfan	10/500
4/3/2778	Endothion	500
72-20-8	Endrin	500
106-89-8	Epichlorohydrin	500
2104-64-5	EPN	100/500
50-14-6	Ergocalciferol	500
379-79-3	Ergotamine Tartrate	500
1622-32-8	Ethanesulfonyl Chloride, 2-Chloro-	500
10140-87-1	Ethanol, 1,2-Dichloro-, Acetate	500
563-12-2	Ethion	500
13194-48-4	Ethoprophos	500
538-07-8	Ethylbis-(2-Chloroethyl)Amine	500
371-62-0	Ethylene Fluorohydrin	10

75-21-8	Ethylene Oxide	500
107-15-3	Ethylenediamine	500
151-56-4	Ethyleneimine	500
542-90-5	Ethylthiocyanate	500
22224-92-6	Fenamiphos	10/500
115-90-2	Fensulfothion	500
4301-50-2	Fluenetil	100/500
7782-41-4	Fluorine	500
640-19-7	Fluoroacetamide	100/500
144-49-0	Fluoroacetic Acid	10/500
359-06-8	Fluoroacetyl Chloride	10
51-21-8	Fluoreuracil	500
944-22-9	Fonofos	500
50-00-0	Formaldehyde	500
107-16-4	Formaldehyde Cyanohydrin	500
23422-53-9	Formetanate Hydrochloride	500
2540-82-1	Formothion	100
17702-57-7	Formparanate	100/500
21548-32-3	Fosthietan	500
3878-19-1	Fuberidazole	100/500
110-00-9	Furan	500
13450-90-3	Gallium Trichloride	500
77-47-4	Hexachlorocyclopentadiene	100
11/4/4835	Hexamethylenediamine,N,N'-Dibutyl-	500
302-01-2	Hydrazine	500
74-90-8	Hydrocyanic Acid	100
7647-01-0	Hydrogen Chloride (gas only)	500
7664-39-3	Hydrogen Fluoride	100
7722-84-1	Hydrogen Peroxide (Conc 52%)	500
7/5/7783	Hydrogen Selenide	10
6/4/7783	Hydrogen Sulfide	500
123-31-9	Hydroquinone	500
13463-40-6	Iron,Pentacarbonyl-	100
297-78-9	Isobenzan	100/500
78-82-0	Isobutyronitrile	500
102-36-3	Isocyanic Acid, 3, 4-Dichlorophenyl Ester	500
465-73-6	Isodrin	100/500
55-91-4	Isofluorphate	100
4098-71-9	Isophorone Diisocyanate	100
108-23-6	Isopropyl Chloroformate	500
119-38-0	Isopropylmethylpyrazolyl Dimethylcarbamate	500
78-97-7	Lactonitrile	500
21609-90-5	Leptophos	500
541-25-3	Lewisite	10
58-89-9	Lindane	500
7580-67-8	Lithium Hydride	100
109-77-3	Malononitrile	500
12108-13-3	Manganese, Tricarbonyl Methylcyclopentadienyl	100

51-75-2	Mechlorethamine	10
950-10-7	Mephosfolan	500
1600-27-7	Mercuric Acetate	500
7487-94-7	Mercuric Chloride	500
21908-53-2	Mercuric Oxide	500
10476-95-6	Methacrolein Diacetate	500
760-93-0	Methacrylic Anhydride	500
126-98-7	Methacrylonitrile	500
920-46-7	Methacryloyl Chloride	100
30674-80-7	Methacryloyloxyethyl Isocyanate	100
10265-92-6	Methamidophos	100/500
558-25-8	Methanesulfonyl Fluoride	500
950-37-8	Methidathion	500
2032-65-7	Methiocarb	500
16752-77-5	Methomyl	500
151-38-2	Methoxyethylmercuric Acetate	500
80-63-7	Methyl 2-Chloroacrylate	500
74-83-9	Methyl Bromide	500
79-22-1	Methyl Chloroformate	500
60-34-4	Methyl Hydrazine	500
624-83-9	Methyl Isocyanate	500
556-61-6	Methyl Isothiocyanate	500
74-93-1	Methyl Mercaptan	500
3735-23-7	Methyl Phenkapton	500
676-97-1	Methyl Phosphonic Dichloride	100
556-64-9	Methyl Thiocyanate	500
78-94-4	Methyl Vinyl Ketone	10
502-39-6	Methylmercuric Dicyanamide	500
75-79-6	Methyltrichlorosilane	500
1129-41-5	Metolcarb	100/500
7786-34-7	Mevinphos	500
315-18-4	Mexacarbate	500
50-07-7	Mitomycin C	500
6923-22-4	Monocrotophos	10/500
2763-96-4	Muscimol	500
505-60-2	Mustard Gas	500
13463-39-3	Nickel Carbonyl	1
54-11-5	Nicotine	100
65-30-5	Nicotine Sulfate	100/500
7697-37-2	Nitric Acid	500
10102-43-9	Nitric Oxide	100
98-95-3	Nitrobenzene	500
1122-60-7	Nitrocyclohexane	500
10102-44-0	Nitrogen Dioxide	100
62-75-9	Nitrosedimethylamine	500
991-42-4	Norbornide	100/500
0	Organorhodium Complex (PMN-82-147)	10/500
630-60-4	Ouabain	100/500

23135-22-0	Oxamyl	100/500
78-71-7	Oxetane, 3, 3-Bis(Chloromethyl)-	500
7/6/2497	Oxydisulfoton	500
10028-15-6	Ozone	100
1910-42-5	Paraquat Dichloride	10/500
2074-50-2	Paraquat Methosulfate	10/500
56-38-2	Parathion	100
298-00-0	Parathion-Methyl	100/500
12002-03-8	Paris-Green	500
19624-22-7	Pentaborane	500
2570-26-5	Pentadecylamine	100/500
79-21-0	Peracetic Acid	500
594-42-3	Perchloromethylmercaptan	500
108-95-2	Phenol	500
4418-66-0	Phenol, 2, 2'-Thiobis (4-Chloro-6-Methyl)-	100/500
64-00-6	Phenol, 3-(1-Methylethyl)-, Methylcarbamate	500
58-36-6	Phenoxarsine, 10, 10'-Oxydi-	500
696-28-6	Phenyl Dichloroarsine	500
59-88-1	Phenylhydrazine Hydrochloride	500
62-38-4	Phenylmercury Acetate	500
2097-19-0	Phenylsilatrane	100/500
103-85-5	Phenylthiourea	100/500
298-02-2	Phorate	10
4104-14-7	Phosacetim	100/500
947-02-4	Phosfolan	100/500
75-44-5	Phosgene	10
732-11-6	Phosmet	10/500
13171-21-6	Phosphamidon	100
7803-51-2	Phosphine	500
2703-13-1	Phosphonothioic Acid, Methyl-O-Ethyl-O-(4-(Methylthio)Phenyl) Ester.	500
50782-69-9	Phosphonothioic Acid, Methyl-, S-(2-(Bis(1Methylethyl)Amino)Ethyl)O-Ethyl Ester	100
2665-30-7	Phosphonothioic Acid, Methyl-, O-(4-Nitrophenyl)O-Phenyl Ester	500
3254-63-5	Phosphoric Acid, Dimethyl 4-(Methylthio)Phenyl Ester	500
2587-90-8	Phosphorothioic Acid, O, O-Dimethyl-S-(2-Methylthio)Ethyl Ester	500
7723-14-0	Phosphorus	100
10025-87-3	Phosphorus Oxychloride	500
10026-13-8	Phosphorus Pentachloride	500
12/2/7719	Phosphorus Trichloride	500
57-47-6	Physostigmine	100/500
57-64-7	Physostigmine, Salicylate (1:1)	100/500
124-87-8	Picrotoxin	500
110-89-4	Piperidine	500
23505-41-1	Pirimifos-Ethyl	500
10124-50-2	Potassium Arsenite	500
151-50-8	Potassium Cyanide	100
506-61-6	Potassium Silver Cyanide	500

2631-37-0	Promecarb	500
106-96-7	Propargyl Bromide	10
57-57-8	Propiolactone, Beta-	500
107-12-0	Propionitrile	500
542-76-7	Propionitrile, 3-Chloro-	500
70-69-9	Propiophenone, 4-Amino-	100/500
109-61-5	Propyl Chloroformate	500
75-56-9	Propylene Oxide	500
75-55-8	Propyleneimine	500
2275-18-5	Prothoate	100/500
129-00-0	Pyrene	500
140-76-1	Pyridine, 2-Methyl-5-Vinyl-	500
504-24-5	Pyridine, 4-Amino-	500
1124-33-0	Pyridine, 4-Nitro-,l-Oxide	500
53558-25-1	Pyriminil	100/500
14167-18-1	Salcomine	500
107-44-8	Sarin	10
7783-00-8	Selenious Acid	500
7791-23-3	Selenium Oxychloride	500
563-41-7	Semicarbazide Hydrochloride	500
3037-72-7	Silane, (4-Aminobutyl) Diethoxymethyl-	500
7631-89-2	Sodium Arsenate	500
7784-46-5	Sodium Arsenite	500
26628-22-8	Sodium Azide (Na(N <sub>3</sub> ))	500
124-65-2	Sodium Cacodylate	100/500
143-33-9	Sodium Cyanide(Na(CN))	100
62-74-8	Sodium Fluoroacetate	10/500
13410-01-0	Sodium Selenate	100/500
10102-18-8	Sodium Selenite	100/500
10102-20-2	Sodium Tellurite	500
900-95-8	Stannane, Acetoxytriphenyl-	500
57-24-9	Strychnine	100/500
60-41-3	Strychnine Sulfate	100/500
3689-24-5	Sulfotep	500
3569-57-1	Sulfoxide, 3-Chloropropyl Octyl	500
9/5/7446	Sulfur Dioxide	500
7783-60-0	Sulfur Tetrafluoride	100
11/9/7446	Sulfur Trioxide	100
7664-93-9	Sulfuric Acid	500
77-81-6	Tabun	10
7783-80-4	Tellurium Hexafluoride	100
107-49-3	TEPP	100
13071-79-9	Terbufos	100
78-00-2	Tetraethyllead	100
597-64-8	Tetraethyltin	100
75-74-1	Tetramethyllead	100
509-14-8	Tetranitromethane	500
10031-59-1	Thallium Sulfate	100/500

6533-73-9	Thallos Carbonate	100/500
7791-12-0	Thallos Chloride	100/500
2757-18-8	Thallos Malonate	100/500
7446-18-6	Thallos Sulfate	100/500
2231-57-4	Thiocarbazine	500
39196-18-4	Thiofanox	100/500
297-97-2	Thionazin	500
108-98-5	Thiophenol	500
79-19-6	Thiosemicarbazide	100/500
5344-82-1	Thiourea, (2-Chlorophenyl)-	100/500
614-78-8	Thiourea, (2-Methylphenyl)-	500
7550-45-0	Titanium Tetrachloride	100
584-84-9	Toluene 2, 4-Diisocyanate	500
91-08-7	Toluene 2, 6-Diisocyanate	100
110-57-6	Trans 1, 4 Dichlorobutene	500
1031-47-6	Triamiphes	500
24017-47-8	Triazofos	500
76-02-8	Trichloroacetyl Chloride	500
115-21-9	Trichloroethylsilane	500
327-98-0	Trichloronate	500
98-13-5	Trichlorophenylsilane	500
1558-25-4	Trichloro (Chloromethyl) Silane	100
27137-85-5	Trichloro (Dichlorophenyl) Silane	500
998-30-1	Triethoxysilane	500
75-77-4	Trimethylchlorosilane	500
824-11-3	Trimethylolpropane Phosphite	100/500
1066-45-1	Trimethyltin Chloride	500
639-58-7	Triphenyltin Chloride	500
555-77-1	Tris (2-Chloroethyl) Amine	100
2001-95-8	Valinomycin	500
1314-62-1	Vanadium Pentoxide	100/500
108-05-4	Vinyl Acetate Monomer	500
81-81-2	Warfarin	500
129-06-6	Warfarin Sodium	100/500
28347-13-9	Xylylene Dichloride	100/500
58270-08-9	Zinc, Dichloro (4, 4-Dimethyl-5 (((Methylamino) Carbonyl) Oxy) Imino)Pentane nitrile), (T-4)-	100/500
1314-84-7	Zinc Phosphide	500

\*Extremely Hazardous Substances that are solids are subject to either two (2) threshold quantity numbers. The lower quantity only applies if the solid exists in powdered form and has a particle size less than one hundred (100) microns; or is handled in solution or in molten form; or meets the criteria for a National Fire Protection Association (NFPA) rating of two (2), three (3) or four (4) for reactivity. If the solid does not meet any of these criteria, it is subject to the upper threshold quantity as shown in the table.

~~The one hundred (100) micron size may be determined by multiplying the weight percent of solid with a particle size less than one hundred (100) microns in a particular container by the quantity of solid in the container.~~

~~The amount of solid in a solution may be determined by multiplying the weight percent of solid in the solution in a particular container by the quantity of solution in the container.~~

~~The amount of solid in molten form must be multiplied by 0.3 to determine whether the lower threshold quantity is met.~~