

## Criteria to Dispose Substances in Sanitary Drains

Revision Date: 05/06/2020

All discharges must comply with the requirements and limits established in the Ann Arbor Sewer Use Ordinance including, but not limited to:

- No RCRA Hazardous Wastes
- No Michigan Hazardous Wastes or Liquid Industrial By-Products
- No Radioactive Wastes
- No Biohazardous Wastes
- Liquids Only

### All Discharges Must Comply with the Limits Established in the Ann Arbor Sewer Use Ordinance

See City of Ann Arbor - City Code, [Chapter 28](#) including, but not limited to, the following: limits

	CHEMICAL	CRITERIA
General Waste	Ammonia, as nitrogen	Total limit of 40 mg/l. If >25 mg/l, subject to surcharge fee.
	Biochemical Oxygen Demand (BOD)	Total limit of 1000 mg/l. If >230 mg/l, subject to surcharge fee.
	Cyanide	Total limit of 1.0 mg/l.
	Fats, oil and grease	Total limit of 100 mg/l.
	Flashpoint	must be 140° F, or greater.
	Petroleum oil or grease, non-biodegradable cutting oil, mineral oil	Discharges of oils or grease are prohibited.
	pH	must be between 5-10 standard units.
	Phosphorus, total	Total limit of 20 mg/l. If >4.9 mg/l, subject to surcharge fee.
	Specific Gravity	must not exceed 2.65
	Suspended solids, total	Total (TSS) limit of 1000 mg/l. If >150 mg/l, subject to surcharge fee.
Metals	Arsenic	Total limit of 1.6 mg/l.
	Cadmium	Total limit of 1.0 mg/l.
	Chromium	Total limit of 4.0 mg/l.
	Copper	Total limit of 4.0 mg/l.
	Lead	Total limit of 0.5 mg/l.
	Mercury	Total limit of 0.0002 mg/l.
	Molybdenum	Total limit of 3.7 mg/l.
	Nickel	Total limit of 3.0 mg/l.
	Selenium	Total limit of 1.1 mg/l.
	Silver	Total limit of 0.24 mg/l.
Zinc	Total limit of 3.0 mg/l.	

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## Liquids Only

No:

- Solids
- Sludges
- Viscous material
- Insoluble substances:
  - Retained by No. 8 sieve
  - Greater than ½ inch (1.27 cm)

## No RCRA Hazardous Wastes.

Examples include

- Corrosives (pH less than 2 or greater than 12.5)
- Flammables (flash point less than 140° F)
- Oxidizers (e.g., perchloric acid, chromic acid, concentrated hydrogen peroxide, etc.)
- Metal-containing wastes
- Reactive wastes (cyanide or sulfide, etc.)
- Solvents (halogenated and non-halogenated)
- Unused and/or outdated chemicals ([P-Codes](#) and [U-Codes](#))

References:

- [Characteristic \(D-codes\) & Listed Wastes \(F,K, P and U-codes\)](#)
- [Chemical Waste](#)

## No Michigan Hazardous Wastes or Liquid Industrial By-Products

References:

- Michigan's Hazardous Waste information: MI Act 451 [Part 111](#) and [Part 111 Administrative Rules](#)
- Liquid Industrial By-Products: MI Act 451 [Part 121](#)
- Managing the waste stream: [Chemical Waste](#)

## No Radioactive Wastes

References: Managing the waste stream: [Radioactive Waste](#)

## No Biohazardous Wastes

References: Managing the waste stream: [Biohazardous Waste](#)