

Ordinances and Permits

2021 CSWEA Wisconsin Section Industrial Pretreatment Seminar
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Industrial Waste Ordinance

- **Substantive requirements**
- **Authorizes action**
- **Required by:**
 - 40 CFR 403.8(f)(1)
 - NR 211.22
- **Cost recovery**

Substantive Requirements

- **General prohibitions**
 - Pass through
 - Interference
 - Public nuisance
- **Specific prohibitions**
- **Local limits**
- **Authorization to implement and enforce categorical pretreatment standards**

Authorized Action

- Issue permits
 - Individual
 - General
- Inspect facilities
 - View potential sources of wastewater pollutants
 - Sample process wastewater
 - Review records
- Require record keeping
- Require reports
- Issue orders
- Ask a court to:
 - Impose penalties
 - Order action

Ordinance Issues

- Duplicate or incorporate by reference
- Unique local requirements
 - Non-contact cooling water
 - Hauled waste disposal
 - Digester supplementation
- Enforcement steps
- Penalties
 - Amounts
 - Administrative forfeitures
- Jurisdiction across borders
- Administrative review

Permit Goals

- **Clear**
- **Accurate**
- **Compliant**
 - 40 CFR 403.8(f)(1)(iii)
 - NR 211.22(3), NR 211.235(1)
- **Efficient**
 - Layout, titles, numbering
 - General permits

Preliminary Steps

- **Understand unit operations**
 - Chemicals used
 - Flow rates
 - Operating schedule
- **Determine category**
- **Determine whether existing or new**
- **Calculate limits**
- **Evaluate potential sample points**

Substantive Requirements

- **Prohibitions**
- **Limits**
 - Local
 - Categorical
- **Management practices**

Sampling and Analysis

- **Sampling**
 - Location
 - Parameters
 - Frequency
 - Sample type
- **Analysis**
 - Certified laboratory
 - Official method
- **Record keeping**

Reporting Substance

- **Sample results**
- **Certifications**
 - **General data quality**
 - **Toxic organic management plan**
 - **Absence of waived pollutants**
- **Average and maximum flow rates**
- **Process changes**
- **Production rates**
- **Hauled wastewater**
- **Violation explanations**
- **Pretreatment system plan review**
- **Upsets, spills, emergencies**

Reporting Process

- **Signatory**
- **Due date**
- **Submission techniques**

Administrative Details

- **Complete name and address**
- **Permit start and end dates**
- **Right to enter**
- **Right to review records**
- **Non-transferability**
- **Appeal process**
- **Potential penalties**

Limits Issues

- **Concentration or mass**
- **Production basis for production-based limits**
- **Multiple categories**
 - **Combined limits**
 - **Multiple sample points**
 - **Different limit types**
 - 30-day and 4-day averages
 - Concentration and mass
- **Adjusting for dilution**
- **Where to apply local limits**

Sample Point Issues

- **Precisely identify location**
- **Flow proportioned composite samples**
 - Confirm necessary conditions
 - Specify primary device
 - Flume or weir
 - Type
 - Size
- **Safety**
- **Accessibility**
- **Arranging sampling for irregular batch discharges**
- **Industrial equipment**

Unique Requirements

- **Foam**
- **Odor**
- **Vapor toxicity**
- **Settleable solids**
- **Floatable solids**
- **Slug loading**
- **Compliance schedule**

Administrative Issues

- **Use complete permittee name: Inc, LLC, Subsidiary, Division**
- **Double check**
 - **Dates**
 - **Citations and cross references**
 - **Limit units**

EPA References

- **EPA Model Pretreatment Ordinance (2007)**
- **Industrial User Permitting Guidance Manual (2012)**



Questions?

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