

# **Understanding your discharge permit (Administrative Order)**

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**Northeast ohio regional sewer district**



# 2017 Edition What's New

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- Consolidated Parts 2 and 3
- Updated language to match latest version of Code of Regulations
- Edited verbose, vague, and repetitive language where possible



# Who gets a permit?

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- Significant Industrial Users
  - Discharge >25,000 gpd industrial process wastewater
  - Anyone we characterize as such
- Categorical Industrial Users
  - Industry with a federally-regulated wastewater discharge
- Hospitals and Dentists



# Part 1 - Process/operation description

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- What is regulated
- What is of interest to the District
- How is it regulated – typically a Federal CFR code citation



## **Part 2 – Effluent limits and Monitoring requirements**

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- Where are you authorized to discharge industrial process wastewater?
- Discharge limits
- How often to collect samples, i.e. self-monitoring
- All on one table now



# Part 2 – Effluent limits and Monitoring requirements

Pollutant Parameter	Daily Max (mg/L)	Monthly Average (mg/L)	Frequency	Collection Method <sup>2</sup>	Limit Type
<b>Total Cadmium</b>	0.11	0.07	Monthly	Composite	Federal
<b>Total Chromium</b>	2.77	1.71	Monthly	Composite	Federal
<b>Total Copper<sup>3</sup></b>	3.38	2.07	Monthly	Composite	Federal
<b>Total Lead</b>	0.69	0.43	Monthly	Composite	Federal
<b>Total Nickel</b>	3.98	2.38	Monthly	Composite	Federal
<b>Total Silver</b>	0.43	0.24	Monthly	Composite	Federal
<b>Total Zinc</b>	2.61	1.48	Monthly	Composite	Federal
<b>Total Cyanide</b>	1.20	0.65	Monthly	Grab	Federal
<b>pH<sup>4</sup></b>	-	-	Monthly	Grab	NEORS D
<b>TTO<sup>5</sup></b>	2.13	-	Once per Permit	Composite Grab	Federal
<b>Flow Rate gallons per day</b>	-	-	Monthly	-	-



# **Part 2 – Effluent limits and Monitoring requirements**

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- Local Limits
- General Discharge Prohibitions
- Prohibition on overwhelming treatment system capabilities
- Prohibition on dilution



# **Part 2 – Effluent limits and Monitoring requirements**

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- **Toxic Organic Management Plan**
  - Not required
  - TOMP is a certification alternative to semi-annual sampling for toxic organics
  - Sampling and plan submittal typically conducted at permit renewal time





# Part 3 Reporting Requirements

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- Not just for self-monitoring
- Communication is required for much more than just your sample report
- Accidental Discharges
  - Immediate notification required
  - Written report within 5-days



# Part 3 Reporting Requirements

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- Treatment system malfunctions and shutdown
  - Notification required within 12-hours
- Non-routine discharges and other Anticipated changes
  - 30-day notice



# Part 3 Reporting Requirements

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- Permit Renewal
  - 90-day notice
- Signatory Authorization
- Waste manifests



# Part 4 – Violation charges

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- Title II Chapter 7 stuff
- Fines
- Cost recovery



# Part 5 – Special conditions

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- Reopener clause
- Compliance schedules



# Questions?

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