



MISSION STATEMENT

The mission of the Industrial Waste Unit (IWU) is to protect the City's freshwater resources and wastewater treatment plants by enforcing local, state and federal regulations governing wastewater discharges to the City's wastewater and stormwater collection systems.

**JULY 2021
VOLUME 23**

Inside This Issue:

What's Inside?

- ◆ The Compliance Assistance section discusses strategies for avoiding pH & sampling violations.
- ◆ Industrial Users who have had no violations of their wastewater discharge permit receive Awards for 100% Compliance.
- ◆ This issue concludes with a challenging Pretreatment Times Word Search Puzzle for your enjoyment.

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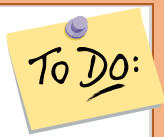
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SEMI-ANNUAL COMPLIANCE REPORT REMINDERS

1. Ensure all paperwork is included to avoid incomplete reports.
2. Complete all reports at least 10 days before due date to allow for mailing time.
3. Make sure you mail your report to the correct Permit Administrator. The mailing address for your Semi-Annual Compliance Report is:

Baxter Water Treatment Plant
9001 State Road
Philadelphia, PA 19136

REMINDER



Semi-Annual Compliance Reports are Due NO LATER THAN July 31, 2021.
Submitting your Semi-Annual Compliance Report more than 30-days late is considered Significant Non-Compliance.

COMPLIANCE ASSISTANCE

Avoiding pH Violation

Industrial Users should never be in violation of pH for missing a sample or due to a sample being out of compliance. There is always another opportunity to resample pH before the day or month is out. Violations can be avoided using these simple techniques. The Philadelphia Water Department’s local limit on pH is no less than 5.5 and no greater than 12. pH Samples out of compliance can interfere with wastewater treatment plant operations and PWD sewer systems.

How to avoid pH violation

- ◆ Sample pH every hour or continuously.
- ◆ If a violation occurs resample 15 minutes later.
- ◆ Continue to resample until compliance is achieved.
- ◆ Sample early in the day to allow time to resample.

Reasons—pH should never be a Violation

- ◆ pH can be taken at any time.
- ◆ Resampling can occur within the same hour.
- ◆ Resampling can occur the same day.
- ◆ pH can be neutralized then resampled.

Avoiding Sampling Errors

- ◆ Confirm your sampling needs with your laboratory.
- ◆ Schedule your sampling early in the month.
- ◆ Automate sampling and confirm its completion early in the cycle. It can help protect your facility from missing samples and allow time to resample if needed.
- ◆ Review lab reports as soon as they become available.

Sampling Descriptions

Confirm with your lab if the analysis for each parameters should be taken by grab or composite samples.

Grab Sample: a sample which is taken from a wastestream on a one-time basis, in fifteen minutes or less.

Composite Sample: a series of samples based on either time or flow, taken over a given period of time and combined in a single reservoir to determine pollutant levels.

- PWD Regulations 501.2 (m) & (s)

PWD COMPLIANCE AWARDS

To the recipients of our 100% Compliance Awards given based on the number of years industrial user are in compliance.

- ◆ Platinum (10+ years)
- ◆ Gold (5-9 years)
- ◆ Silver (3-4 years)
- ◆ Bronze (1-2 years)



Pretreatment Puzzle:

E M Z S U I F W Y S O W N E D
 L W R S U R X R P G E Q O S U
 E V E P O N A I N L O W I I U
 C R W Z I T L I D R U S T N B
 T I E S I L Z I D K K U A D G
 R F S N P I N I F Y A R I U N
 O G A B D G N I T A O C D S I
 P S U O S A M P L E H H E T H
 L O N L N T I M R E P A M R S
 A A H C S K S Q F K O R E I I
 T Q E Y T I C I X O T G R A L
 I N S P E C T I O N N E N L O
 N V P F S M S M O N I T O R P
 G C A T E G O R I C A L X T K
 E C N A I L P M O C M C H O X

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|-------------|-------------|----------------|------------|
| Anodizing | Categorical | Electroplating | Compliance |
| Monitor | Polishing | Inspection | Sanitary |
| Spill | Permit | User | Coating |
| Sample | Industrial | Ordinance | Slug |
| Remediation | Sewer | Toxicity | Surcharge |
| Welding | | | |

<https://puzzlemaker.discoveryeducation.com/>

Industrial Waste & Backflow Compliance Unit Contact Information

Questions, comments and suggestions for future topics are always welcome and suggested.

For comments on draft permits contact us at:

Industrial Waste & Backflow
 Compliance Unit
 1101 Market Street, 6th Floor
 Philadelphia, PA 19107

Phone 215-685-6236
 Fax 215-685-6232



For questions about your permit:

Baxter Water Treatment Plant
 9001 State Road
 Philadelphia, PA 19136
 Kim Veres 215-685-8096
 Carrie Keeley 215-685-8007
 Fax 215-685-8008

Visit the Industrial Waste Unit Online at: www.phila.gov/water/IWU.html