

The Pretreatment Times



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.

Volume 10

July 2014

Inside This Issue

What's Inside?

- ◆ The Compliance Assistance section discusses avoiding pH violations. This section also includes helpful tips on avoiding sampling violations.
- ◆ The Water Department is raising its rates to account for the maintenance of the utility's top-quality drinking water production, wastewater management services, flood protection and the protection of natural resources and waterways. This rate increase will be effective as of July 1, 2014.
- ◆ Industrial Users who have had no violations of their wastewater discharge permit in 2013 received a Bronze Award for 100% Compliance. Those who have had continued compliance for three or four years received the Silver Award. Congratulations to our recipients who are recognized on Pages 3 and 4.

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PWD PLANT TOURS

Are you interested in getting an inside look at how the City treats its drinking water and wastewater? The IWU will be scheduling tours of Philadelphia's three Water Pollution Control Plants (Northeast, Southwest and Southeast) and three drinking water treatment plants (Baxter, Queen Lane and Belmont). Any Industrial User interested in touring a plant should contact IWU at 215-685-6236. **Plant Tours will be scheduled during October.**

REMINDERS:



Semi-Annual Compliance Reports are Due:
NO LATER THAN July 31, 2014

Submitting your Semi-Annual Compliance Report more than 30-days late is considered Significant Non-Compliance.

If your report has not been received you will find yourself in Significant Non-Compliance!!

Compliance Assistance

Avoiding pH Violations

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 violations

- ◆ 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 al-

low time to resample

Reasons why pH should never be Violations

- ◆ 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

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)*

Cyanide Monitoring for Metal Finishing

Remember: when monitoring cyanide, samples must be conducted after cyanide treatment and **before** dilution with other wastestreams.

- ◆ *40 CFR 433.12 (c)*

PWD Oil/Grease Regulation

Remember: No User shall contribute any wastewater containing in

excess of **100 mg/l** of fats, oils, and greases of mineral, petroleum or unknown origin at any time as shown by a grab sample to any publicly owned treatment works

- *PWD Regulations 501.3 b.15*

- ◆ Regularly cleaning and inspecting your grease trap can prevent blockages and interference

Oil/Water Separator Cleaning Tips

It is recommended that businesses inspect oil/water separators at least **every six months**.

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

Water Department News -

PWD Rate Increase - Effective July 1, 2014

The Philadelphia Water Department is currently seeking rate changes to maintain the utility's top-quality drinking water production, wastewater management services, flood protection and the protection of natural resources and waterways. The proposed new rates, phased in over a four-year period, will fund measures to help protect residents from stormwater flooding and to reduce water main leaks and breaks that can damage property. Effective July 1, 2014, and thereafter, the surcharge rate for BOD₅ will be increased to thirty-five cents (\$0.350) per pound and the rate for TSS will be increased to thirty-three and two-tenths cents (\$0.332) per pound.

Pretreatment Awards for 100% Compliance

This issue brings the fourth annual awarding of the Industrial Waste Unit's Pretreatment Certificates for 100% Compliance. These certificates are awarded annually to permittees who have had no violations of their wastewater discharge permit in the previous year. This year's awardees who are receiving bronze certificates 100% Compliance for 2013. The certificate program also recognizes consecutive years of compliance through the award of silver (3-4 years), gold (5-9 years) and platinum (10+ years) certificates. Out of the 133 permitted industries, 94 received this certificate. This year we are proud to present the second year of silver awards for 4 consecutive years of compliance to 66 permittees and bronze awards to 28 permittees.



2014 Bronze Award Recipients

- ◆ Allied Tube & Conduit Corporation
- ◆ Amuneal Manufacturing Corp.
- ◆ Brenner Aerostructure, LLC
- ◆ C. Lever Colors, Inc.
- ◆ Caledonian Dye Works, Inc.
- ◆ Catalent Pharma Solutions
- ◆ Cintas Corporation
- ◆ Clean Rental Services, Inc.
- ◆ Coca-Cola Refreshments USA, Inc.
- ◆ CSX Transportation, Inc.
- ◆ DELAVAU, LLC
- ◆ Dietz & Watson, Inc.
- ◆ Eaton Aerospace LLC
- ◆ Garfield Refining Company
- ◆ Gill Powder Coating
- ◆ HP Hood, LLC
- ◆ Murray Greene & Sons
- ◆ Mutual Pharmaceutical Company
- ◆ Newman & Company, Inc.
- ◆ Peacock Laboratories
- ◆ Philadelphia Energy Solutions Refining and Marketing LLC
- ◆ PolySat, Inc.
- ◆ Premier Medical
- ◆ Purolite Company
- ◆ Sunoco - Darby Creek Tank Farm
- ◆ Sweet Ovations, LLC
- ◆ Tasty Baking Co.
- ◆ United Color Manufacturing

2014 Silver Award Recipients

- ♦ AECO, Inc.
- ♦ AgustaWestland Philadelphia Corporation
- ♦ Arway Linen and Uniform Rental
- ♦ Ashland Chemical Company
- ♦ Astra Foods, Inc.
- ♦ Barnell, Inc.
- ♦ Bethayres Reclamation Corp.
- ♦ Cardone Industries, Inc.
- ♦ Cintas Corporation
- ♦ Columbia Silk Dyeing Co., Inc.
- ♦ Computer Components Corporation Curtiss Laboratories
- ♦ Curtiss Laboratories
- ♦ CW Industries
- ♦ Department of the Treasury, U.S. Mint
- ♦ DGM Custom Polishing & Finishing Corporation
- ♦ Dickler Chemical Laboratories, Inc.
- ♦ Evoqua Water Technologies, LLC
- ♦ Fleetwash, Inc.
- ♦ G.J. Littlewood & Son, Inc.
- ♦ GE Betz, Inc.
- ♦ Henshell Corporation
- ♦ Hillock Anodizing, Inc.
- ♦ Hydrol Chemical
- ♦ J.P. Cerini Technologies, Inc.
- ♦ JAWS, INC
- ♦ Kinder-Morgan Liquid Terminals
- ♦ Martin/F. Weber
- ♦ McNeil Consumer Healthcare
- ♦ Metlab/Potero
- ♦ Mrs. Ressler's Food Products
- ♦ N. Jonas & Co., Inc.
- ♦ National Chemical Laboratories, Inc.
- ♦ National Railroad Passenger Corp.
- ♦ Naval Foundry & Propeller Center
- ♦ NEL Metal Restorations
- ♦ Northeast Donut Shops Management Corp.
- ♦ PaperWorks Industries, Inc.
- ♦ PChem Associates, Inc.
- ♦ PECO Energy, Oregon Ave. Shop
- ♦ Penn Fishing Tackle Mfg. Co.
- ♦ Pepsi Beverages Company
- ♦ Perfecseal, Inc.
- ♦ Philadelphia Cheesesteak Co.
- ♦ Philadelphia Energy Solutions Refining and Marketing, LLC
- ♦ Philadelphia Gas Works
- ♦ Philadelphia Pre-Cooked Steak Co.
- ♦ Philadelphia Rust-Proof Company, Inc.
- ♦ Plains Products Terminals, LLC
- ♦ Precious Metals Plating, Inc.
- ♦ Regal International Leathers, Ltd
- ♦ Richards-Apex Inc.
- ♦ Servisair LLC
- ♦ Simons Brothers
- ♦ SPD Technologies
- ♦ Starlite Industries, Inc.
- ♦ Sun Chemical
- ♦ Thermacore, Inc.
- ♦ UCT Specialties, Inc.
- ♦ United Parcel Service
- ♦ Veolia Energy Philadelphia
- ♦ Vibroplating, Inc.
- ♦ Vincent Giordano
- ♦ Wade Technology, Inc.
- ♦ Wayne Mills Corp.
- ♦ William H. Cooper's Sons, Inc.
- ♦ WuXi AppTec Incorporated

Industrial Waste 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 Unit
1101 Market Street, 3rd 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

Joe Cerrone 215-685-8030
Bob Gonsiewski 215-685-8093
Lonnie Goldiner 215-685-8034
Walter Milton 215-685-8095

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