



Industrial Pretreatment Newsletter

Surface Water Quality Triennial Review Update

Every three years, the State of North Carolina is required to review its surface water quality standards, classifications, and applicable variances to determine if changes are needed and, if necessary, to make those changes. This review process is called the “Triennial Review.” After an initial comment period, recommendations were made to the Environmental Management Commission in March for proposed changes to the 15A NCAC 02B Surface Water Standards. These include retaining current Chlorophyll a standards, replacing existing Total Recoverable Metals standards with new Dissolved Metal standards, and adopting acute and chronic criteria for certain metals.

The impact on the Industrial Pretreatment Program may be felt in the allocation of pollutants to industrial users. The amount of each pollutant that can be treated by the wastewater treatment plant is calculated through a Headworks Analysis. Pollutant loadings are then allocated to users based on availability. The new proposed water quality standards are significantly lower for certain metals, potentially affecting the amount of these pollutants that may be allocated to City of Raleigh industrial users.

If you would like to have your voice heard on the new water quality standards, the State is still accepting written comments, data, or relevant information until 5 p.m., Friday, August 22.

Mercury Minimization Programs

Starting in 2013, the State of North Carolina began requiring Mercury Minimization Programs (MMPs) to be implemented at treatment plants across the state. These MMPs are part of the Statewide TMDL for mercury, which calls for a 67 percent reduction in mercury levels from all sources. The goal of the MMP is to be a reasonable, low-cost solution to managing mercury loadings at treatment plants.

The City of Raleigh may see this requirement in the renewal of existing NPDES permits, and the Industrial Pretreatment Program will be a vital part of its implementation. You may see questions about mercury in upcoming inspections or surveys. To stay proactive, here are a few things you can do at your business:

- Determine if processes, materials, or products stored or handled at the site have the potential to discharge mercury;
- Review Safety Data Sheets for chemicals containing mercury; and
- Sample your effluent for mercury. If mercury is detected, consider a source investigation.

If necessary, consider the implementation of mercury Best Management Practices, including:

- Reduce the use of mercury-containing products by switching to non-mercury alternatives;
- Reduce the potential for mercury spills that may be discharged to drains; and
- Consider a mercury-free purchasing program and staff training in mercury awareness.



WELCOME to the *Industrial Pretreatment Newsletter*—a biannual newsletter designed to educate and inform interested parties on current happenings in the City of Raleigh Industrial Pretreatment Program.

Monthly Reporting

Your friendly reminder about monthly reporting requirements:

- Reports due on the 20th of the month
- Cover page (Monthly Facility Status Sheet)
- Summary page (Industrial Data Summary Form)
- Lab reports and chains of custody

Noncompliance Reporting

- 24-hour notification requirement for any noncompliance
- Resample within one week of becoming aware of a violation
- Investigate cause of noncompliance

Upcoming Events

City of Raleigh Industry Day

The City of Raleigh's annual Industry Day event will be held in the Fall at the Neuse River Wastewater Treatment Plant. Industry Day is a great way to receive general Public Utilities updates, network with industry colleagues, tour the treatment plant, and get a free lunch! Please look for more information to follow. We look forward to seeing you there.

EMS Stakeholder Meeting

The City of Raleigh EMS program will hold an annual stakeholder meeting in Fall 2014. Please look to the Public Utilities website for additional information to be posted when available.



Raleigh Police Department Sponsored Drug Take-back Day

The Raleigh Police Department will be sponsoring a pharmaceutical drug take-back event on August 2nd from 10 a.m.—2 p.m. The two locations will be Josef's Pharmacy, 2100 New Bern Ave., and Blue Ridge Pharmacy, 2601 Blue Ridge Rd. All medications will be accepted for disposal.

Wastewater Environmental Management System

The Environmental Management System (EMS) of the Neuse River Wastewater Treatment Plant staff is proud to have earned ISO 14001 Certification on April 4, 2014. This certification covers the collection and treatment of wastewater and the control and return of treated water and biosolids to the environment.

In addition, the Neuse River Wastewater Treatment Plant continued to meet the expectations and requirements of the National Biosolids Partnership Biosolids Management Program.



City Increases Reward for Reporting Illegal Discharges

The City has increased the reward for reporting illicit discharges into the City of Raleigh sanitary sewer system, from \$1000 to \$5000. With a limited number of disposal sites where septage haulers can dispose of grease interceptor wastewater, the City is concerned that some of the wastewater is being illegally dumped into the collection system. Recent regional and local activity has also raised concerns about the potential for illegal dumping of contaminants such as PCBs into the sewer collection system.

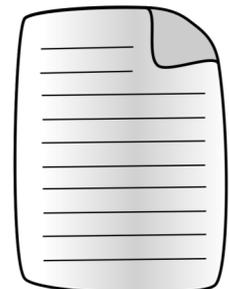
What Should I Look For?

- Non-City trucks discharging known substances into manholes in residential neighborhoods or near vacant lots, typically at night;
- Foul smells with no apparent explanation;
- Septage hauling companies that offer services for significantly less than competitors; and
- Grease interceptors that appear to be full of water and grease shortly after a septage hauler finishes pumping the grease interceptor.

Permit Talk: General and Special Conditions

Please take the time to familiarize yourself with your Industrial User Permit a few times per year. Part II of your permit outlines General Conditions, covering many aspects from sampling procedures, records availability, construction operations, to reporting potential problems.

Part III of your permit outlines Special Conditions, covering Slug/Spill plans, flow measurement requirements, laboratory analysis requirements, and more. It is very beneficial to know the ins and outs of your permit!



For information concerning the City of Raleigh Industrial Pretreatment Program, please feel free to contact us:
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