

# PWGC Summer Newsletter



*Helping You Make Your Facility  
the Best for the Community and  
the Environment!*

*"P.W. Grosser Consulting  
serves our clients, our  
neighborhoods and our  
society!"*

## Proposed Reasonable Achievable Control Technology for Oxides of Nitrogen (NOx)

Is your facility a major source of air emissions (Title V facility)? If you answered yes, more stringent NOx regulations are on the horizon. 6 NYCRR Subpart 227-2 is being revised by lowering the NOx Reasonable Achievable Control Technology (RACT) emission limits for very large boilers, large boilers, mid-size boilers, and small boilers, and by requiring a case-by-case RACT analysis for combined cycle/cogeneration combustion turbines. These revisions will also include new shutdown and system-wide averaging options for compliance. Subject facilities must submit, by January 11, 2011, a RACT analysis that explains that the control technology the facility currently employs should still be considered RACT for that source. The new NOx emission standard for large boilers (>100 mmBTU/hr but equal to or < than 250 mmBTU/hr) and medium sized boilers (> 25 mmBTU/hr but < than 100mmBTU/hr) are in the table below. Compliance with these emission limits must be determined with a one hour average. These lower limits if passed will be effective July 1, 2012. Contact PWGC for assistance and/or further information.

<u>Fuel Type</u>	<u>Large Boiler Old Limit (lbs/mmBTU)</u>	<u>NEW Limit</u>	<u>Medium Boiler OLD Limit (lbs/mmBTU)</u>	<u>NEW Limit</u>
Gas only	0.2	<b>0.06</b>	0.10	<b>0.05</b>
Gas/Oil (dual)	0.3	<b>0.15</b>	0.12	<b>0.08</b>



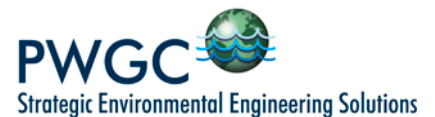
**STRATEGIC  
ENVIRONMENTAL  
SOLUTIONS**

**PWGC's  
Facilities newsletters are  
designed to assist relevant  
departments stay updated  
on ever changing  
environmental rules,  
regulations, and other  
pertinent issues related to  
the Manufacturing,  
Chemical, and Production  
industries.**

## American Power Act- Proposed Cap and Trade Bill

Senators John Kerry and Joe Lieberman have been working on the climate bill now referred to as the American Power Act for many months. The Bill states the goal is "To secure the energy future of the United States, to provide incentives for the domestic production of clean energy technology, to achieve meaningful pollution reductions, to create jobs, and for other purposes." The Bill addresses many key points to climate change with a pressing goal of reducing greenhouse gas emissions through a nationwide cap. The establishment of a cap and trade system would assist with reducing US emissions by 17% by 2020, 42% reduction by 2030 and 83% reduction by 2050. The bill mandates that beginning in 2013 utilities must participate in a cap and trade system that places a price on carbon. Other industries would be mandated in 2016. The above reference reductions will stand as the proposed mandatory cap. A carbon exchange system would be established where regulated emitters would be allowed to trade allowances and purchase offsets to meet the cap thresholds. The offset program would be developed for emission reductions.

Additionally, the bill addresses many other items which include but are not limited to cleaner vehicles, cutting pollution from large emitters, provide new protection against offshore drilling, boost farmer livelihoods, provide financial incentives for safe nuclear facility growth, and provide a national strategy for carbon capture sequestration. PWGC will keep you informed of the future outcome of the bill.



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## More New York Proposed AIR Regulations!

The NYSDEC has several proposed air regulations on the near horizon. As part of an element of the Department's strategy to attain the ozone standard by reducing volatile organic chemicals (VOC), the Department is proposing to modify its regulations that control VOC content in asphalt pavement and asphalt based surface coatings (Proposed 6NYCRR 241).

The NSYDEC is also proposing to revise Emission Verification Subpart 202 to include the reporting of greenhouse gases (GHGs) as part of the existing annual emission statement process. The GHGs include: carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), hydrofluorocarbons (HFC), perfluorocarbons (PFC), and sulfur hexafluoride (SF<sub>6</sub>).

Proposed Part 228, Surface Coating Processes, Commercial and Industrial Adhesives, Sealants and Primers, will limit emissions of volatile organic compounds (VOCs) from commercial and industrial adhesives, sealants and primers. The proposed revisions would establish VOC content and emission limits for the sale and use of commercial and industrial adhesives, sealants, adhesive primers and sealant primers.

The NYSDEC also has proposed to revise Part 234, Graphic Arts to expand the current regulation's applicability to include letterpress printing and establish more stringent Reasonably Available Control

Technology (RACT) for volatile organic compounds (VOCs) for facilities that engage in flexographic, offset lithographic and rotogravure printing. The revisions also impose new requirements for graphic arts coating and adhesive, and cleaning solutions used in letterpress and offset lithographic printing.

Proposed Part 212, General Process Emission Sources is proposing to add nitrogen oxide control requirements for hot mix asphalt production plants. Subject sources will be required to install control equipment or implement other emission reduction methods.

To view more information about these proposed rules visit <http://www.dec.ny.gov/regulations/64459.html>.

PWGC will keep you informed of the future of these proposed revisions.

### UST Operator Training

As stated in our fall newsletter, all states must develop specific operator training requirements by have operators trained by August 9, 2012. PWGC is tracking states that have finalized training requirements. In the NE region, to date, neither NY, NJ, nor CT have finalized their regulations. PWGC will keep you updates in future newsletters on states that have finalized their regulations.

## Envirofacts



The U.S. Environmental Protection Agency (EPA) has recently added more than 6,300 chemicals and 3,800 chemical facilities regulated under the Toxic Substances Control Act (TSCA) to a public database called Envirofacts. Envirofacts a single point of access to select U.S. EPA environmental data. This website provides access to several EPA databases to provide information about environmental activities that may affect air, water, and land anywhere in the United States. With Envirofacts, you can learn more about these environmental activities in specific areas or generate maps of environmental information. Information in Envirofacts is accessible in a variety of ways. By using the Quick Start on the envirofacts homepage you can retrieve a sampling of information pertaining to the specific area or by entering a ZIP Code, City and State, or County and State. Available environmental data includes but not limited to Waste, Water, Toxics, Air, Radiation, Land Use, Other, Facilities Information, Compliance History and Maps. For experienced users, there is an "Advanced Capabilities" option. This option will allow you to go directly to the Queries, Maps, or Reports feature that interests you.

Envirofacts is a powerful tool for getting general information about environmental data in specific areas.