



COMPASS



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What's new? This issue includes information on the new online tools for air quality permits, 2016 Manufacturers Zero Waste Conference, regulatory updates and much more. If you have questions or topic suggestions, please contact enviroassist@dhec.sc.gov.

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DHEC to update Industrial Stormwater General Permit

DHEC is modifying the Industrial Stormwater General Permit (SCR000000) that expired on January 1, 2016 and plans to public notice the permit at the end of the quarter. Language in part 1.3.2 of SCR000000 allows the permit to remain in force until it is renewed. No action is required by the permittee and fact sheets will be developed to summarize the changes.

Updates on the status of the permit are available online. A recertification Notice of Intent will not be required for existing coverage holders.

About this Newsletter

The "Compass E-Newsletter" is published quarterly by the S.C. Department of Health and Environmental Control (DHEC) and is compiled by DHEC's Office of Solid Waste Reduction and Recycling.

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For back issues, [visit DHEC's Compass web page](#). To subscribe or unsubscribe, [send an email](#).



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EPA updates Boiler Rule



On November 20, 2015, the U.S. Environmental Protection Agency (EPA) issued amendments to the final Clean Air Act (CAA) standards for boilers and process heaters at major sources, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Major Sources: Industrial, Commercial and Institutional Boilers and Process Heaters (Boiler MACT).

The types of boilers covered by these updated standards include boilers and process heaters located at large sources of air toxics emissions that includes refineries, chemical plants and other industrial facilities.

The compliance date for the Boiler MACT is January 31, 2016. Facilities that are required only to complete energy assessments and/or boiler tune-ups must submit their Notification of Compliance Status (NOCS) reports no later than March 31, 2016. Facilities that are required to conduct performance tests must submit their NOCS no later than 60 days following the performance test.

More information is available on EPA's website.

DHEC offers new online tools, documents for air permit applicants

The following new and updated [tools and guidance documents](#) are available online.

1. **Blueprint of Forms Required for Air Permitting** – This table identifies the most common air permitting actions and the corresponding forms to submit.
2. **Twelve-month Rolling-sum Calculators** – These tools are helpful for annual, semiannual and quarterly reporting.
3. **Bureau of Air Quality Permitting Exemption List (February 2016)**
4. **“Simplifying the Air Permitting Process – Construction Permitting”** – This booklet includes a step-by-step guide on completing a construction permit application.
5. **Updated Like-for-Like Equipment Replacement Guidance**

S.C. Environmental Excellence Program Update



The S.C. Environmental Excellence Program (SCEEP) would like to congratulate the following renewing members:

- Sandvik, Inc.;
- Kimberly-Clark, Beech Island Mill;
- International Paper – Eastover Mill; and
- Associated Fuel Pump Systems Corporation (AFCO).

The program also congratulates **Honeywell-Aerospace** on being selected as a new member. These facilities will be members through 2018.

Visit the [SCEEP website](#) or email [Rebecca Sproles](#) for more information on the program or to apply for membership.

Other DHEC Newsletters

- **Underground Storage Tank Newsletter**
See the current newsletter as well as back issues online.
- **Coastal Currents – News from the S.C. Coastal Management Program**
View or print a copy of the newsletter from the DHEC website.
- **Swimming Pool Newsletter, Newsplash**
View the latest issue on the DHEC website.

DHEC issues air permits, updates air dispersion modeling documents

These new industry-specific general and registration permits were issued by DHEC’s Bureau of Air Quality (BAQ).

- **General Construction for Asphalt Plants**
- **General State Operating Permit for Sawmills**
- **Registration Permit for Sawmills**
- **Registration Permit for Wood Working Operations**

The most current General Air Quality Permits [are available online](#). For Air Quality Registration Permits, please visit the [Air Quality Registration Permit web page](#).

The following air dispersion modeling documents have been updated.

- **Facilities/Sources Exempt or Deferred from Submitting a Compliance Demonstration – Standard No. 2 and Standard No. 7 – [View the documents online.](#)**
- **Guidance Concerning Other Information Used for Permitting Requirements in Demonstrating Emissions Do Not Interfere with Attainment or Maintenance of any State or Federal Standard – [This document also is available online.](#)**



Land & Waste Management

DHEC offers grant to encourage glass recycling

DHEC's Office of Solid Waste Reduction and Recycling is soliciting grant applications from South Carolina local governments for the FY16 Commercial Glass Recycling Grant Program. This is a competitive grant that will provide funding for projects that will divert commercial glass from restaurants, bars and/or institutional settings from being sent to a landfill and direct it to other recycling options.

Local governments may request up to \$10,000 for items that may include:

- The purchase of equipment or supplies to be used for glass collection; and/or,
- The production and distribution of materials designed to increase awareness of and/or participation in the commercial glass recycling program.

For more information, email [DHEC's Recycling Grants Program](#) or call 1-800-768-7348.



Zero Waste Conference set for March 22-23

Register now for the 2016 Manufacturers Zero Waste Conference to be held on March 22-23, 2016 in Wilmington, NC. The conference is a two-day, peer-sharing event that will address a variety of zero waste-to-landfill programs, issues and challenges facing manufacturers and businesses in North and South Carolina.

The event is sponsored by the Carolina Recycling Association, the N.C. Division of Environmental Assistance and Customer Service, DHEC and the S.C. Department of Commerce.

Registration and more information are available at [CRA's website](#) or view a [PDF of the conference brochure](#).



Help the environment, improve your bottom line

Want to reduce waste, increase your recycling rate and improve your bottom line? The Green Hospitality and S.C. Smart Business Recycling programs can help!

These two programs can help you do that through technical assistance and certification. We encourage lodging or food establishments to join the Green Hospitality Program and businesses to participate in the S.C. Smart Business Recycling Program.

Visit the [S.C. Smart Business Recycling Program website](#) for fact sheets, tips and a guide for starting or improving a recycling program at your facility.



Apply for the 2016 S.C. Smart Business Recycling, Green Hospitality Program Awards

Do you have an outstanding recycling program at your facility? Would you like to be recognized for your efforts?

If so, you are encouraged to apply for the 2016 S.C. Smart Business Recycling Program and Green Hospitality Program Awards. Applications are being accepted through February 19, 2016.

To apply, download the online award application and email it to the [S.C. Smart Business Recycling Program](#).

If you have any questions, call DHEC's Office of Solid Waste Reduction and Recycling at 1-800-768-7348 or email the [S.C. Smart Business Recycling Program](#).



Regulatory Updates

Bureau of Air Quality (BAQ)

1. 2012 Particulate Matter (PM) National Ambient Air Quality Standards (NAAQS) Infrastructure Certification for the S.C. Air Quality Implementation Plan (SIP)

– On October 23, 2015, DHEC published a Notice of Intent to Revise the SIP/Notice of Public Hearing in the S.C. State Register notifying the public of the proposed 2012 PM NAAQS infrastructure SIP certification and providing the public the opportunity to request a public hearing on the proposed 2012 PM NAAQS infrastructure SIP certification. [This notice can be viewed online.](#) DHEC is certifying to EPA that it has addressed the “infrastructure” elements required by Section 110(a)(1) and (2) of the CAA pertaining to the attainment of the 2012 PM NAAQS in South Carolina. On December 14, 2012, EPA finalized a revised NAAQS for Particulate Matter (78 FR 3086, published January 15, 2013). With this rule, EPA strengthened the annual primary fine particulate matter (PM_{2.5}) standard by lowering the level from 15.0 to 12.0 micrograms per cubic meter (µg/m³). States are required to submit SIPs by December 14, 2015, three years after promulgation of a new or revised NAAQS. [Visit the State Register website to view the notice.](#) If you have any questions or comments concerning the 2012 PM NAAQS infrastructure SIP certification, [email Marie Brown](#) or (803) 898-1796.

2. Final S.C. Amendments to Transportation Conformity SIP

– On October 23, 2015, DHEC published a Notice of Final SIP Amendment in the S.C. State Register ([view the amendment](#)) announcing updates including changes in signatories, inclusion of the Lowcountry Area Transportation Study (LATS) in the list of Metropolitan Planning Organizations (MPOs) and revisions to the “Interagency Consultation Procedures for the Determination of the Conformity of Transportation Plans, Programs and Projects.” These revisions clarify the responsibilities of the MPO in scheduling, coordinating and documenting an initial meeting; the responsibilities of the MPO designated lead agency in scheduling meetings to resolve comments and issues; correct typographical errors; and reorganize the Memorandum of Agreement (MOA) for ease of reading. [Learn more about transportation conformity.](#)

3. Work Truck Fleets Recognize the Need for Idling Reduction

– Engine idling pollutes the air and wastes fuel. To provide more insight into the idling activity of work trucks (e.g., utility trucks, refuse haulers, delivery trucks) the National Truck Equipment Association (NTEA) released a report entitled “2015 Work Truck Electrification and Idle Management Study – Exploring Advanced Vehicle Technologies.” The NTEA survey found that one-third of the respondent fleets idle for 1-2 hours per day and another third idle less than

1 hour. A smaller fraction, 8 percent, idled more than 4 hours. The utility/telecom industry idled the most. According to the report, the top three solutions for reducing idling are: 1) training drivers to idle less; 2) reducing incidental idling; and 3) timed engine shutdown. Grants or tax incentives also played a role in persuading fleets to pursue these enhancements. NTEA’s report also notes the growing importance of fleet telematics. ([More information is available online.](#)) DHEC’s Bureau of Air Quality promotes fuel efficiency and idling reduction as an EPA SmartWay Transport Partnership Affiliate.

4. Notice of Final Rulemaking: 2014 End of Year Revisions

– On November 27, 2015, DHEC’s Bureau of Air Quality published a Notice of Final Regulation in the S.C. State Register, amending Regulation 61-62, Air Pollution Control Regulations and Standards and the SIP. DHEC amended: Regulation 61-62.60, S.C. Designated Facility Plan and New Source Performance Standards: Regulation 61-62.61, National Emission Standards for Hazardous Air Pollutants; Regulation 61-62.63, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories; and Regulation 61-62.70, Title V Operating Permit Program. These changes were made to incorporate – by reference – recent federal amendments promulgated from January 1, 2014, through December 31, 2014. DHEC made changes to Regulation 61-62 including corrections for internal consistency, clarification, reference, punctuation, codification, formatting and spelling to improve the overall text of Regulation 61-62 as necessary. In accordance with 1976 Code Section 1-23-120(H), legislative review was not required because DHEC proposes promulgating the amendments to maintain compliance with federal law. The amendments became effective upon publication in the S.C. State Register. [Email Marie Brown](#) or call (803) 898-1796 if you have any questions. [View the notice online.](#)

5. **South Carolina Redesignated to Attainment** – EPA has approved South Carolina’s redesignation request of April 17, 2015 for the eastern part of York County – including Rock Hill and Fort Mill. The area, previously classified nonattainment for the 2008 ozone NAAQS, was reclassified attainment as of January 11, 2016. In the same Federal Register notice (80 FR 76865, Dec. 11, 2015), EPA approved the state’s maintenance plan for the area, and found the 2014 and 2026 motor vehicle emissions budgets to be adequate for transportation conformity purposes. For new industrial sources, the more stringent New Source Review permits will no longer be required after January 11, 2016. In accordance with the provisions of the CAA, however, Prevention of Significant Deterioration (PSD) permitting rules will continue to apply. As a maintenance area, transportation conformity requirements will continue for highway planning and other purposes. For questions, [email Roger Jerry](#) or call (803) 898-1799.

Regulatory Updates

- 6. City of Columbia Recognized as South Carolina's First Walk Friendly Community** – Walk Friendly Communities (WFC) is a national recognition program for communities that are working to improve a wide range of conditions related to walking including safety, mobility, access and comfort. Through applying for a WFC designation, communities receive specific suggestions and resources for improving pedestrian safety. Applications are accepted twice each year, May 1 through June 15 and November 1 through December 15. Columbia has been designated as a bronze level WFC. Visit www.walkfriendly.org to see Columbia's WFC profile.

Bureau of Land & Waste Management (BLWM)

HAZARDOUS WASTE

DHEC's Division of Waste Management is in the process of adopting updates to the S.C. Hazardous Waste Management Regulations, R.61-79. The changes proposed include those which EPA considers mandatory for DHEC to adopt in order to maintain an authorized state program, as well as changes that are considered optional.

Below is a list of the regulation updates that DHEC intends to adopt.

Mandatory Updates

- 1. Hazardous Waste Electronic Manifest Rule**
- 2. Revisions to the Export Provisions of the Cathode-Ray Tube Rule**
- 3. Vacatur of the Comparable Fuels Rule and the Gasification Rule**
- 4. Portions of the Definition of Solid Waste Rule** including:
 - Changes affecting all non-waste determinations and variances;
 - Legitimacy-related provisions including prohibition of sham recycling, definition of legitimacy, definition of contained; and
 - Speculative accumulation.

Additional opportunities will be provided for comment on drafts proposed by DHEC on any of the regulations being revised. For regulation development updates, please visit [DHEC's Monthly Regulations Development Update web page](#).

Optional Updates

- 1. Conditional Exclusion for Carbon Dioxide Streams in Geologic Sequestration Activities**
- 2. Portions of the Definition of Solid Waste Rule** including:
 - Definition of Solid Waste exclusions and non-waste determinations, including provisions for the 2008 Definition of Solid Waste Rule and revisions to the 2015 Definition of Solid Waste Rule; and
 - Remanufacturing Exclusion.

A Notice of Drafting was published in the State Register on November 27, 2015 for both the mandatory and optional hazardous waste regulation updates. It is anticipated that the mandatory updates will become effective June 2016. The optional items will require legislative approval.

For the questions concerning these regulations, [email Joe Bowers](#), Manager, RCRA Permitting and Corrective Action Section or call (803) 898-0247.

SOLID WASTE

Proposed Amendment of Regulation 61-107.279, Solid Waste Management: Used Oil – On December 30, 2015, the DHEC Board conducted a public hearing and found for the need and reasonableness of a proposed revision to Regulation Section 61-107.279, Solid Waste Management: Used Oil and approved it for submission to the Legislature for review during the 2016 legislative session. The amendment removes the requirement for used oil fuel marketers to obtain a Department permit, clarifies certain standards to conform to federal regulations, and includes minor edits for clarity and consistency with other sections of R.61-107. Upon approval of the General Assembly and publication in the South Carolina State Register, a copy of the revised regulation will be available electronically on the Department's Laws and Regulations website. View the proposed amendment at the General Assembly website – [General Assembly website](#) using document number 4613.

Proposed Amendment of Regulation Section 61-107.12 Solid Waste Management: Solid Waste Incineration and Solid Waste Pyrolysis Facilities – On December 30, 2015, the DHEC Board conducted a public hearing and found for the need and reasonableness of a proposed revision to Regulation Section 61-107.12 Solid Waste Management: Solid Waste Incineration and Solid Waste Pyrolysis Facilities, and approved it for submission to the Legislature for review during the 2016 legislative session. This proposed amendment adds exemptions, clarifies requirements for air-curtain incinerators, adds noticing requirements for applicants, and updates financial assurance requirements. Upon approval of the General Assembly and publication in the South Carolina State Register, a copy of the revised regulation will be available electronically on the Department's Laws and Regulations website. The proposed amendment can be viewed and followed through the [General Assembly website](#) using document number 4614.