



COMPASS NEWSLETTER

FEBRUARY 2019

January was National Radon Action Month! Radon is the number one cause of lung cancer in non-smokers. If you have questions or topic suggestions, please email sprolemr@dhec.sc.gov.

What is Compass?

Compass is a newsletter designed to provide information to help keep you up to date and better understand regulations and what is needed to be in compliance with their requirements.

This newsletter may include hyperlinks, or shortcuts, to specific areas within the S.C. Department of Health and Environmental Control (DHEC) website, the U.S. Environmental Protection Agency (EPA) and other environmental and government entities. The hyperlinks will provide access to useful information such as forms and instructions, contacts, training opportunities, outreach, on-site technical assistance, financial assistance and much more.

Visit for www.scdhec.gov/compass-e-news additional resources and information.

Contents

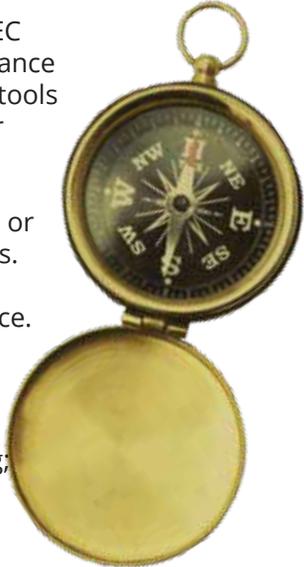
- Division of Food and Lead Risk Assessments' Forums, Seminars, and Outreach.....2
- Hazardous Waste Generator Update.....2
- National Radon Action Month.....3
- Spare the Air Awards.....3
- Modeling Guidelines for Air Quality Permits Updated.....3
- State Air Regulations Revisions.....4
- Air Permitting Division Updates.....4
- Community Star.....4

What does Compass provide?

This Compass newsletter is one way DHEC provides compliance assistance. Compliance Assistance includes a range of activities, tools or technical assistance services and clear and consistent information with the goal of helping individuals, business, industry and government understand and meet – or surpass – their environmental obligations. DHEC partners with other providers to develop and deliver compliance assistance.

Compliance assistance activities may include:

- on-site assistance;
- workshops, conferences and training;
- telephone assistance;
- booklets, fact sheets and brochures;
- web-based information;
- special mailings; and
- information about financial assistance.



Compliance assistance is a part of DHEC’s commitment to customer service, and includes activities such as public education and outreach, permitting, compliance and enforcement. The compliance assistance process is not intended to delay a timely and appropriate return to compliance by a regulated entity.

“Compliance incentive” means activities and programs that encourage or reward facilities for voluntary efforts to improve environmental performance or to go “beyond compliance” through the use of pollution prevention, environmental management practices, and innovative technologies.

“Compliance assurance” is how DHEC’s programs determine whether regulated entities are in compliance with environmental requirements. Compliance assurance activities include inspections, sampling, testing, continuous monitoring, reporting and record keeping.

Division of Food and Lead Risk Assessments' Forums, Seminars, and Outreach

Ensuring food safety isn't something that can be done from behind a computer screen. It requires active and continuous engagement with the variety of stakeholders that make up South Carolina's retail food industry. Inspections are, perhaps, the most well-known way the Division of Food and Lead Risk Assessment performs this face-to-face regulatory engagement. However, compliance inspections without accompanying opportunities for questions, updates, and discussion do little to ensure a sense of collaboration between the firms the Division regulates and the Department as a whole. South Carolina is a growing state with a booming retail food industry, and as the industry continues to expand, it is the Division's responsibility to keep its public outreach up to pace.

One way the Division has provided opportunities for engagement is through its bi-annual stakeholder forums. These forums are held in the spring and fall and are used to provide food-related updates to the public, in addition to providing ample time for questions and answers. These forums typically take place in Columbia, Charleston, Greenville, Beaufort, Myrtle Beach, Florence, and Rock Hill in order to ensure all interested stakeholders have a chance to attend. The most recent round of spring and fall forums focused on the proposed Regulation 61-25 update, and the Division was grateful for all the positive and constructive feedback received from those in attendance. Much of the feedback received was incorporated into the proposed regulation. If you're interested in attending a 2019 forum, just reach out and let us know! Invitations are sent via email to all permitted retail food establishments, but everyone is welcome to attend.

In addition to public forums, the Division is eager to foster collaboration with neighboring state regulators, industry leaders, and the Food and Drug Administration (FDA). This year, DHEC had the opportunity to host the annual FDA Southeast Retail Food Protection Seminar. With over 200 attendees from across the southeastern states, this year's seminar was one of the largest in memory. The purpose of the seminar was to bring together professionals in the field of food safety for discussion and an exchange of ideas. Topics included regulatory changes, the Retail Program Standards, funding opportunities for food protection programs, and emerging science and technology related to food safety. Speakers and attendees spanned a range of food safety careers, including those of regulators, academia, and members of industry.

As the Division of Food and Lead Risk Assessments continues to perform its regulatory responsibilities, staying in communication with those it serves, the public, will remain of paramount importance. Being an effective regulator means being a responsive regulator, and in between its rounds of stakeholder forums, the Division can be reached by phone at (803) 896-0640. You may also write to BEHS-Food-SurveyTeam@dhec.sc.gov if email is your preference.

Hazardous Waste Generator Update

South Carolina has been moving forward with adopting the EPA's generator improvement rule into the hazardous waste regulations and is currently undergoing legislative review. Consistent with existing regulations, the volume of hazardous waste each generator produces in a calendar month determines which sections of the regulation apply to that generator. The new generator improvement packages simplify determining what hazardous waste generator classification a facility may fall in, and changes slightly the name associated with that classification.

Very Small Quantity Generators (VSQGs)

VSQGs generate 100 kilograms (220 lbs.) or less per month of hazardous waste and may not accumulate more than 1,000 kilograms (2,200) of hazardous waste at any time. This classification used to be known as the conditionally exempt small quantity generator. No Fees required.

Small Quantity Generators (SQGs)

SQGs generate more than 100 kilograms, but less than 1,000 kilograms (220-2,200 lbs.) of hazardous waste per month and may accumulate hazardous waste on-site for 180 days. These facilities must declare status annually on or before January 31 by submission of a completed form as designated by the Department on which they certify that they meet the requirements of a small quantity during the calendar year. SQGs must comply with the hazardous waste manifest requirements.

A small quantity generator shall be assessed an annual fee of \$500.00.

Large Quantity Generators (LQGs)

LQGs generate 1,000 kilograms (2,200 lbs.) per month or more of hazardous waste or more than one kilogram (1.5 lbs.) per month of acutely hazardous waste and may only accumulate waste on-site for 90 days.

Hazardous Waste Generator Update (Cont.)

LQGs of hazardous waste that ship hazardous waste offsite to a treatment, storage or disposal facility within the United States must prepare and, no later than thirty (30) days after the end of each calendar quarter, submit a report to the Department. LQGs must comply with the hazardous waste manifest requirements.

A large quantity generator, producing more than one hundred tons per year shall be assessed an annual base fee of \$1,000.00 per facility, and a \$1.50 per ton for all hazardous waste the company generates.

You can review current South Carolina Hazardous Waste Management Regulations at:

www.scstatehouse.gov/coderegs/Chapter61.php.

National Radon Action Month

January is National Radon Action Month. The S.C. Department of Health and Environmental Control (DHEC) encourages all South Carolinians to test their homes for radon.

Radon is a naturally-occurring, radioactive gas that you cannot see, smell, or taste. It enters buildings through cracks and openings and becomes trapped. The U.S. Environmental Protection Agency (EPA) estimates that radon is the second leading cause of lung cancer in the U.S. and the number one cause of lung cancer among non-smokers.

Any home can have a radon gas problem; new and old homes, well-sealed and drafty homes, and homes with or without basements. The only way to determine if your home has a radon problem is to test.

Quick Facts about Radon:

- Breathing in radon can change the cells in your lungs which increases your chances for getting lung cancer.
- Radon is responsible for 21,000 lung cancer deaths each year in the U.S.
- Smokers who are exposed to radon have a much higher risk of lung cancer.
- Elevated radon concentrations have been found across South Carolina.
- Nearly one out of every 15 homes in the U.S. is estimated to have elevated radon levels.

- Homes can be modified to reduce radon levels.
- New homes can be built with radon-resistant features.
- South Carolina has nationally certified radon professionals who can measure radon and fix homes with elevated radon.

The South Carolina Radon Program is offering a limited number of free home radon test kits in 2019. Request your test kit at www.scdhec.gov/radon. The program can be contacted at radon@dhec.sc.gov or (800) 768-0362.

Spare the Air Awards

The 2019 [Spare the Air Awards](#) nomination period is now open!



Do you know a school, organization, business, or individual that is working to protect air quality in South Carolina? Nominate them for a Spare the Air Award! The deadline to submit a nomination for the 2019 Spare the Air Awards is February 8, 2019. For more information, visit the Spare the Air Awards web page.

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Modeling Guidelines for Air Quality Permits Updated

The Bureau of Air Quality (Bureau) recently updated its Modeling Guidelines for Air Quality Permits. This document outlines the procedures that should be followed when a facility is required to address compliance with the ambient air quality standards as part of an air quality permit. This guidance can be accessed on the SC DHEC web site at www.scdhec.gov/environment/air-quality/air-quality-compliance-monitoring/air-dispersion-modeling/air-dispersion-modeling-forms.

The Bureau also updated the posted meteorological data that should be used when performing modeling when using the EPA regulatory refined model, AERMOD.

Modeling Guidelines for Air Quality Permits Updated (Cont.)

This meteorological data is for the 2012-2016 period and has been processed according to EPA guidelines using default parameters as well as parameters to address over prediction for some types of sources in stable, low wind speed conditions. These files can be accessed on the SC DHEC web site at www.scdhec.gov/environment/air-quality/air-dispersion-modeling-data.

Finally, the Bureau updated the ambient air background data that should be used when performing modeling for the National Ambient Air Quality Standards (NAAQS). The data includes 2015-2017 background concentrations for the NAAQS pollutants in both design value and, for the PM2.5, 1-hr NO2, and 1-hr SO2 standards, seasonal average data formats. This data can be accessed on the DHEC web site at www.scdhec.gov/environment/air-quality/air-dispersion-modeling-data.

State Air Regulations Revisions

On January 25, 2019, a group of state air regulation revisions were finalized in the State Register. The updates included revisions to R.61-62.60, South Carolina Designated Facility Plan and New Source Performance Standards; R.61-62.61, National Emission Standards for Hazardous Air Pollutants (NESHAP); R.61-62.63, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Source Categories; and R.61-62.68, Chemical Accident Prevention Provisions. In addition, R.61-62.96 was revised to repeal the Clean Air Interstate Rule (CAIR) trading program regulations and reinstate applicable portions of the EPA's NOX SIP Call, with amendments as necessary to maintain state compliance with federal regulations.

On January 25, 2019, the Department published a Notice of Proposed Regulation in the State Register for a second set of revisions. The Department proposes to amend: Regulation 61-62.1, Definitions and General Requirements, R.61-62.5, Standard No. 2, Ambient Air Quality Standards, R.61-62.5, Standard No. 5.2, Control of Oxides of Nitrogen (NOX), 61-62.5, Standard No. 7, Prevention of Significant Deterioration, R.61-62.5, Standard No. 7.1, Nonattainment New Source Review (NSR), and R.61-62.70, Title V Operating Permit Program. The Department published a Notice of Drafting for these revisions on November 23, 2018.

In accordance with S.C. Code Section 1-23-120(A) (Supp. 2016), these amendments will require legislative review. This notice can be found at: www.scstatehouse.gov/state_register.php. To be considered, the Department must receive comments by 5:00 p.m. on February 25, 2019, the close of the public comment period.

Air Permitting Division Updates

Asphalt Plant Operating Permit Reissuance: The General Conditional Major Operating Permit for Asphalt Plants has been reissued with an issue date of Nov. 1, 2018 and an expiration date of Oct. 31, 2023. Eligibility criteria, a copy of the permit and additional industry specific information may be found at www.scdhec.gov/environment/air-quality/air-quality-permits/general-operating-permits-air-quality/asphalt-plants. For additional information or questions, contact Lance Davis by phone at 803-898-7220 or by email at davisml@dhec.sc.gov.

If your facility is adding emission sources, excluding emergency engines, that are subject to MACT Standards (40 CFR 63, National Emission Standards for Hazardous Air Pollutants for Source Categories), NESHAP Standards (40 CFR 61, National Emission Standards for Hazardous Air Pollutants), or NSPS Standards (40 CFR 60, New Source Performance Standards), you are required to obtain a construction permit, per SC Regulation 61-62.1, Section II(B)(2).

If there are emission sources, excluding emergency engines, currently listed on your permit as Exempt or Insignificant Activities that are subject to MACT, NESHAP, or NSPS Standards, these sources will now be listed as emission sources on your operating permit.

For additional information or questions, please call the Bureau of Air Quality at 803-898-4123 and ask for the Permit Writer on Call for assistance.

About This Newsletter

The Compass E-Newsletter is published quarterly by DHEC and is compiled by the Office of Environmental Affairs Administration.

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Visit www.scdhec.gov/compass-e-news for back issues of this newsletter. To subscribe or unsubscribe to this newsletter send an email to yonk@dhec.sc.gov.

Community Star



Nominations for DHEC's COMMUNITY STAR award program are open from May 1 – August 1, 2019. COMMUNITY STAR is an award program that recognizes a business, community organization, collaborative partnership, or individual in South Carolina that is going above and beyond environmental requirements to build better community relationships, promote environmental sustainability and resiliency, and/or improve quality of life for communities.

COMMUNITY STAR categories include Business Star, Collaborative Star, and Rising Star. Award recipients will be announced at DHEC's annual Environmental Assistance Conference, which will be held later in the fall.

Please share information on COMMUNITY STAR with your customers as a way to acknowledge their community involvement. Visit www.scdhec.gov/communitystar or contact Rebecca Sproles at sprolemr@dhec.sc.gov for more information.

