Air Quality Assistance

May 10, 2016
Regina C. Guyer, P.E.
Energy Production & Infrastructure Center Assistant Director, UNC Charlotte
Energy and Environmental Assistance Office
Objectives

- What is the Energy and Environmental Assistance Office (EEAO)?
- How can the EEAO help you?
**Vision:** A university-industry partnership that meets the education and research needs for a safe, reliable, and sustainable energy future.

**Mission:** EPIC enhances the available technical workforce, advances technology, and facilitates strategic industry-university collaboration for the global energy industry while supporting the Carolinas’ economic and energy security development.
The mission of the EEAO builds upon the vision to facilitate, implement and inspire through the application of a multi-disciplinary approach in promoting and facilitating energy and environmental solutions along with sustainable initiatives in the region, implementing customized client services, and providing opportunities for students to be inspired with participation in experiential learning projects applying real-life problem solving.
EEAO Goals

- Provide non-regulatory, client-confidential assistance in the greater Charlotte region
- Build and facilitate collaborations
- Implement and manage projects which provide a range of customized comprehensive solutions
- Enhance students’ learning and provide a stronger workforce
Energy and Environmental Assistance Office Team

- Regina Guyer, EPIC Assistant Director
- Karyn Williamson-Coria, Business Services Specialist and Project Mgt
- Elaine Woods, Business Services Support

Students:
- Nidia Bermudez
- Felix Casperi
- Dale Cobler
- Samantha Gibson
- Dadhichee Gujjar
- Lindsay Matthy
- Ashley Melton
- Adam Montgomery
- Haley O’Brien
- Matthew Pfender
- Claudia Ramirez
- Estevan Tores
- Daniel West
The EEAO – A Tool Box For Air Permitting Assistance
Teaming Up with Local Businesses

- Non-regulatory
- Client Confidential
- Keeps Businesses Informed on Air Quality Issues
- Provides Technical Assistance
- Provides Training and Education

Working together to make a difference in air quality.
EEAO Resources for You!

- Provide assistance with Air Permitting
  - Permit Forms Explanations & Requirements.
  - Assistance assessing process(es) for permitting.
  - Education and training to understand requirements and how they apply to your small business.

- A resource to help you solve problems, operate more sustainably, remain in regulatory compliance, and save money.

- A research team to keep you up to date on new policies, practices, and innovations.

- Newsletter of information on environmental topics.

- A link between UNC Charlotte resources and your business.
Resource Assistance Strategies

- On-site
  - We will come to you!
- EEAO at UNC Charlotte Campus
  - Staff ready to assist!
- Phone meetings
  - We are only a phone call away!
- Email
  - Send an email and let’s start the discussion!
Newsletter / Website
➢ Web based information on relevant environmental issues
➢ Environmental Corner e-letter

- Ozone
- Air Quality
- Air Permits
- Indoor Air Quality
- NOx, Ozone, and Particulate Matter
- Greenhouse Gases
- EPA Criteria AQ Pollutants
- Your Business Can Take Air Quality Action
- Sustainability
- Environmental Stewardship
- Is Charlotte Really Green?
- Water Conservation
- Drought
- Pharmaceuticals and Water Quality
- Pesticides
- Flooding
- Stormwater Management
- Soil Conservation and Runoff
- Summertime Greening
- Recycled Products, Recycling, and Waste Exchange
- Packaging Reduction
- Green Solvents
- Smart Construction
- The Green Roof
- Winterization
- Innovative Technology
- Public Transportation
- Alternate Fuels
- Local Foods
- Biomimicry
- Sustainable Building Materials
- Energy Efficiency
- Bioenergy
- Light Efficiency
- Retro-Fitting
- Energy Conservation
- Solar Power
- Energy Conservation in the Workplace
- Local Foods
- Biomimicry
Teaming Up to Make a Difference in Air Quality

EEAO as a link between MCAQ and your business!
A Bridge to Understanding

UNC Charlotte comes to You!
You become involved with UNC Charlotte!
The EEAO is a Resource for YOU!
If you need assistance, we are here for you!
Regina C. Guyer
Energy Production & Infrastructure Center (EPIC) Assistant Director
9201 University City Blvd
EPIC 1150
Charlotte, NC 28223
rguyer@uncc.edu
704-687-1934