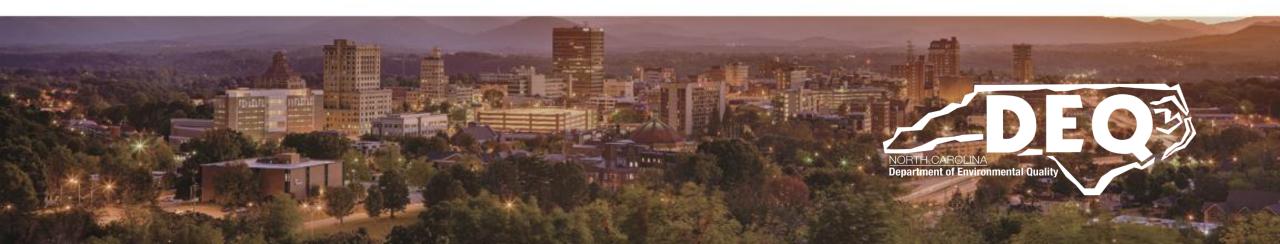


August 2, 2021

Chemical Prioritization Scoping

Department of Environmental Quality

NC DEQ approach to identifying the most pressing contaminants in the state



The Chemical Priority Scoping Process

Step One:

- For NCDEQ, the process starts within each Division Air Quality, Waste Management, Water Resources.
 - Each Division identifies its most pressing contamination issues.
 - Based on human exposure, toxic potential, federal guidelines, forthcoming federal guideline revisions, current events/natural disasters, etc.



The Chemical Priority Scoping Process

Step Two:

- All divisions will meet and discuss the priorities overall for DEQ.
 - This includes determination of pending EPA guidance updates, and other relevant forthcoming information.

Step Three:

 Divisions meet with DEQ leadership to gain approval/acceptance of the selected contaminants.



The Chemical Priority Scoping Process

Step Four:

- Meet with DHHS to discuss the selected contaminants.
- Come to a consensus about the collective priorities to address.
- Determine which issues require input from the SSAB and which can be handled through the two Departments.

Step Five:

Develop Charge to SSAB.



Subject Areas Currently Being Evaluated by NCDEQ

Preliminary Scoping within Divisions August 2021



PFAS Disposal – DWM

- Disposal of PFAS contaminated soil, AFFF bulk containers, and other contaminated wastes
- This is an issue for many entities currently that are working toward a solution

 - Department of Defense
 Local Firefighting Departments
 Areas of redevelopment
 Many other states
- Lined-landfills accept some PFAS-containing materials
 Screening levels prior to entry into the landfill are being discussed
 Landfill leachate screening levels are also being considered
- Many entities want to know "How much is OK?"



Current and Future Ambient Air Levels (AALs) – DAQ

Several compounds are undergoing review by the EPA.

- Example:
 - Ethylene Oxide- EPA is reconsidering a national rule on the basis that a new risk assessment from TCEQ has become available.
- Recommendation:
 - Wait for EPA's final actions and risk assessments.



Questions





