

# NDEE Air Quality Program Updates

Air Roundtable Session

Midwest AWMA Technical Conference 2023

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# Presentation Overview

- Air Quality Program Structure
- Division Updates
- Changes to Title 129 – Nebraska Air Quality Regulations
- Strategic Planning

# NDEE Air Quality Program Structure

- Air Permitting (Permitting & Engineering Division)
- Air Compliance and Emissions Inventory (Inspections & Compliance Division)
- Air Monitoring (Monitoring & Remediation Division)
- Air Regulatory Planning (Legal Services Division)
- Local Coordination & Grants (Planning & Aid Division)

# Air Permitting Updates

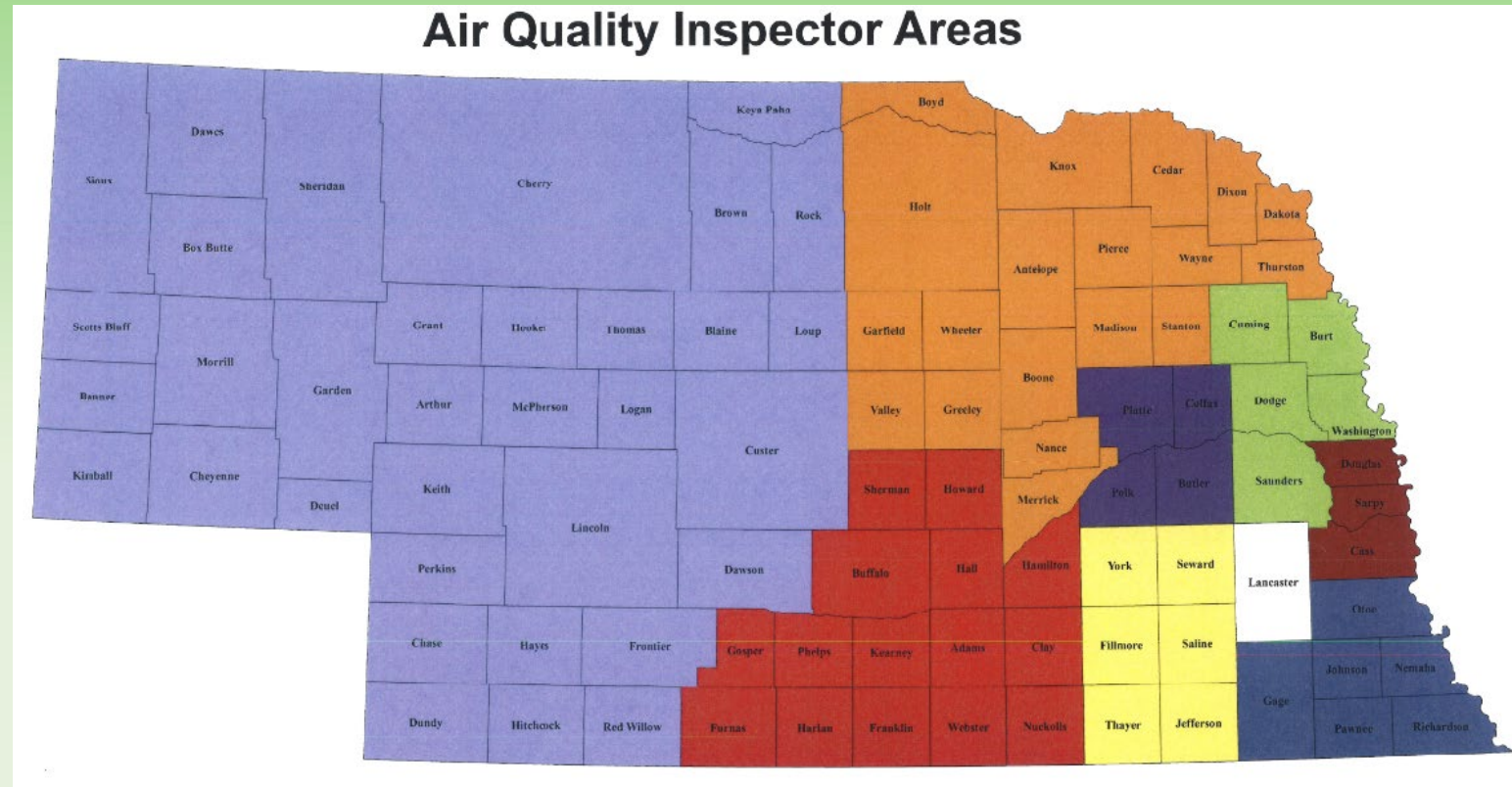
- Increased public interest in air permitting projects
  - Have noticed more comments and requests for public hearings.  
Plan accordingly for permit timelines
- Have comments on Construction Permits to your engineer as early as possible to avoid delays
- Open to pre-application meetings for any size of project

# Air Compliance Update - Emissions Inventory

- State statute §81-1505.04 provides the Department with the flexibility to establish emission fees “as required to pay all reasonable direct and indirect costs of developing and administering the air quality permit program.”
- The 2022 Emission Fee rate Assessment is currently in progress. Fees assessed on the 2022 emission inventory will be used to fund state fiscal year 2024 which begins July 1, 2023.
- The Department collects the EI reports first, uses the chargeable emissions to determine a fee rate, then invoices each relevant source for the emission fee.
- The Department will conduct EI audits on a sample of sources to ensure that the reported emissions are complete, accurate, and reflect actual emissions. Sources will be asked to update EI and remit additional fees or refunds for overpayments as appropriate.

# Air Compliance Update - Inspections

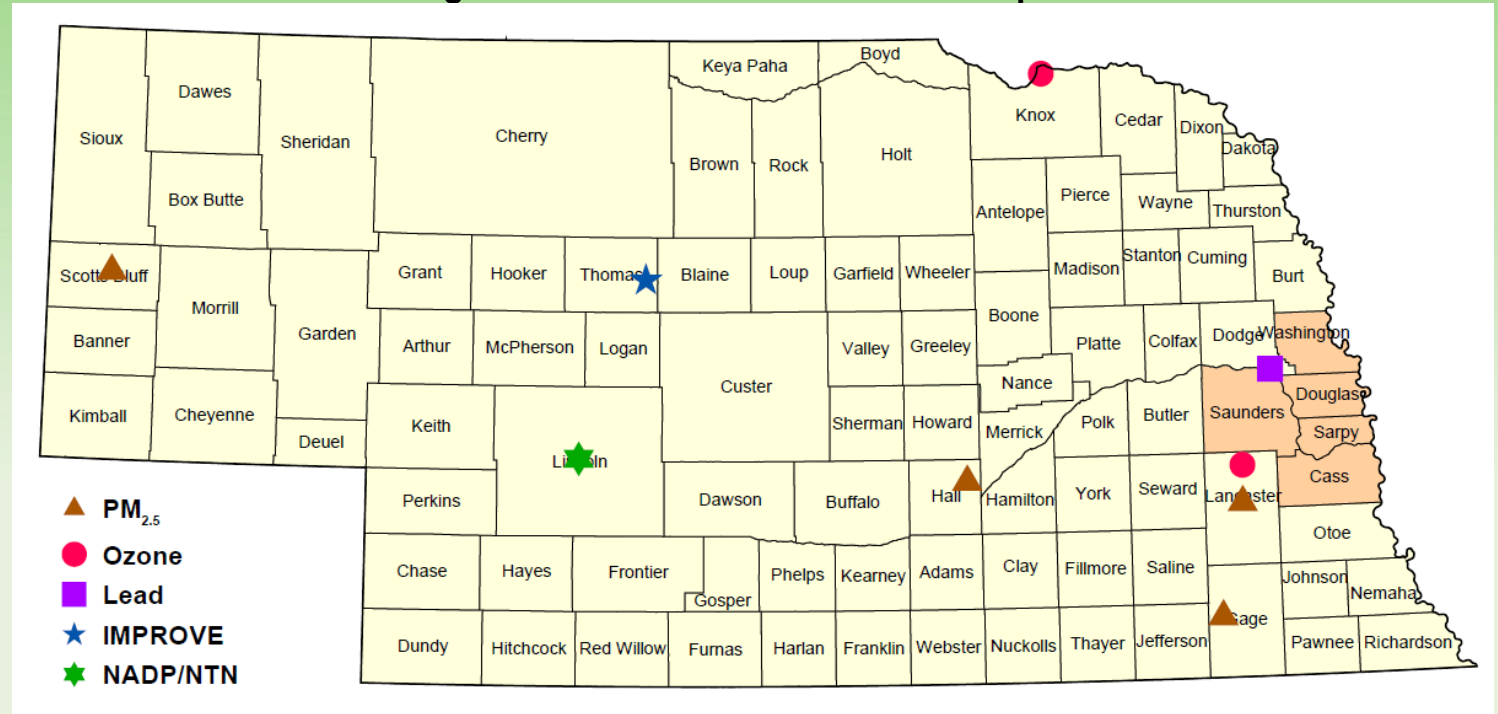
- 8 Inspectors + 1 Emissions Inventory Program Coordinator
- Unannounced inspections
  - Exceptions: Will continue to use virtual inspections and/or provide advance notice as appropriate (munis, unstaffed facilities, special security circumstances, etc)
- Reporting can be done electronically via ECMupload process



# Air Monitoring Update

- All areas of Nebraska are currently in attainment for each of the NAAQS.

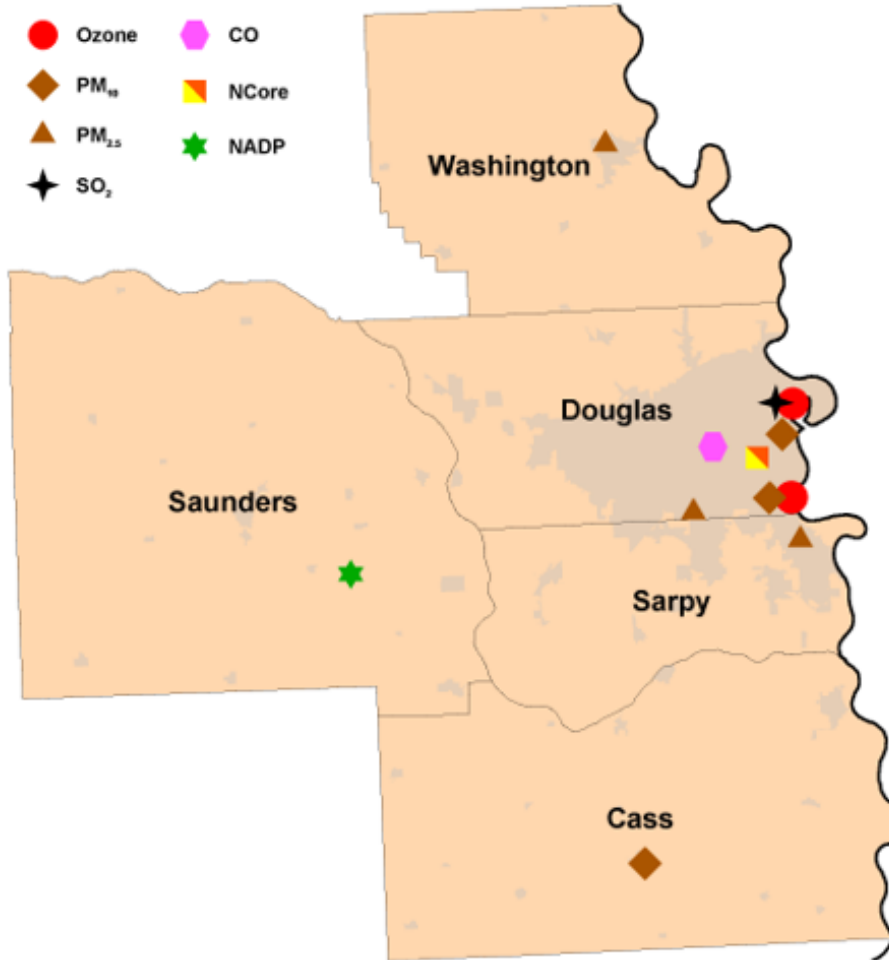
Nebraska Monitoring Sites Outside of the Omaha Metropolitan Statistical Area



<p><b>PM<sub>2.5</sub></b>                  Lincoln (Lancaster County)                  Grand Island (Hall County)                  Scottsbluff (Scotts Bluff County)                  Beatrice (Gage County)</p>	<p><b>Ozone</b>                  Davey (Lancaster County)                  Santee (Knox County)</p> <p><b>Lead</b>                  Fremont (Dodge County)</p>	<p><b>IMPROVE</b>                  Nebraska National Forest (Thomas County)</p> <p><b>NADP/NTN</b>                  Maxwell (Lincoln County)</p>
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The Nebraska counties in the Omaha-Council Bluffs Metropolitan Statistical Area are indicated by orange shading.

**Monitor Locations in the Nebraska Portion of the Omaha-Council Bluffs Metropolitan Area**



- Ozone**  
 Omaha, 4102 Woolworth Avenue (NCore)  
 Omaha, 1616 Whitmore Street  
 Omaha, 2411 O Street
- PM<sub>10</sub>**  
 Omaha, 19<sup>th</sup> & Burt Streets  
 Omaha, 2411 O Street  
 Omaha, 4102 Woolworth Avenue (NCore)  
 Weeping Water, 102 P Street
- PM<sub>2.5</sub>**  
 Omaha, 4102 Woolworth Avenue (NCore)  
 Omaha, 9225 Berry Street  
 Bellevue, 2912 Coffey Avenue  
 Blair, 2242 Wright Street
- Sulfur Dioxide (SO<sub>2</sub>)**  
 Omaha, 4102 Woolworth Avenue  
 (NCore Trace Monitor)  
 Omaha, 1616 Whitmore Street



# Air Regulatory Planning Update

- Working on a state plan for Emission Guideline Subpart Cf for our next Title 129 addition
- Changes to Title 129 – Nebraska Air Quality Regulations
  - In 2022, Title 129 underwent a review and was updated to streamline the regulations and modernize the language
  - Effective Date: September 28, 2022

# Key Changes to Title 129

- Chapter Reorganization
  - Past version: 43 Chapters
  - Revised version: 16 chapters
- Appendix Reorganization
  - Past version: Three (3) appendices
  - Revised version: Two (2) appendices

# Key Changes (cont'd)

- Code of Federal Regulations (CFR) are Incorporated by Reference
- Clarifies definition of Administrator
- Describes
  - Pre-permit activities not requiring a variance
  - Contents of a complete construction permit application
  - Class II minor permit revisions
  - Class II permit renewal timeframe flexibility
- Updates NSPS and NESHAP references to 2020

# Title 129 Navigation Tools

- Title 129 Crosswalk available on [dee.ne.gov](http://dee.ne.gov)
  - For help finding the new location of the repealed version of Title 129
- Superseded Version of Title 129

# Local Coordination and Grants Update

## Climate Pollution Reduction Grant

- NE was one of the first states to apply
- Our workplan/application was submitted April 28
- This unlocks \$3M in the initial stage to help us with a statewide climate plan focused on reducing GHG
- We will have a specific focus on the ag sector, and will identify practical, voluntary actions and financial incentives to reduce GHG (nothing mandatory)
- We are planning on extensive outreach with numerous stakeholders to create the best possible plan

# Strategic Planning update

- NDEE's Executive Team (Director's and Administrators) are working on a reimagining of our agency's strategic plan
- Includes special agency focuses on Nitrates, 404 program, and the Climate Pollution Reduction Grant

# Questions?

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