



**pennsylvania**

DEPARTMENT OF ENVIRONMENTAL PROTECTION



Bureau of Air Quality

# **DEP Update on Rulemakings, State Implementation Plans and 2015 Ozone NAAQS Designations**

## **Citizens Advisory Council Meeting**

January 16, 2018

Harrisburg, PA

Tom Wolf, Governor

Patrick McDonnell, Secretary

# Proposed and Final Rulemakings

## Final Rulemakings

- Gasoline Volatility Requirements Final-form rulemaking.
- Industrial Cleaning Solvents (ICS) Final-form rulemaking.

## Proposed Rulemakings

- Title V and Operating Permit Fees.
- Reasonably Available Control Technology (RACT) for sources covered by the Control Technique Guidelines (CTG) Regulation for the Oil and Natural Gas Industry.
- Revision of Sulfur limits in the No. 2 and Lighter Commercial Fuel Oil.

# Regulatory State Implementation Plans

- RACT II – Oxides of Nitrogen (NO<sub>x</sub>) and Volatile Organic Compound (VOC) emissions
- Automobile and Light-Duty Truck Assembly Coating Operations and Heavier Vehicle Coatings
- Miscellaneous Metal Parts and Miscellaneous Plastic Parts Surface Coating Processes and Pleasure Craft Surface Coatings
- Non interference demonstration SIP revision that demonstrates that removing the low RVP gasoline requirements will not interfere with attaining and maintaining any National Ambient Air Quality Standard (NAAQS).

# ➤ 2012 PM 2.5 State Implementation Plans

- DEP submitted a base year inventory State Implementation Plan (SIP) revision for the Lebanon County nonattainment area to EPA on September 25, 2017, to fulfill the requirements of Section 172(c)(3) of the CAA.
- DEP submitted a base year inventory SIP revision for the Delaware County nonattainment area to EPA on May 5, 2017, to fulfill the requirements of Section 172(c)(3) of the CAA.
- DEP is developing maintenance plan and redesignation request SIP revisions for the Delaware and Lebanon County nonattainment areas. The Allegheny County Health Department is developing an attainment demonstration for Allegheny County.

# 2008 Ozone NAAQS Sip Revisions

- On February 6, 2017, the EPA published a finding of failure in the Federal Register for 15 states and the District of Columbia.
- The notice indicated that Pennsylvania failed to submit a nonattainment new source review (NNSR) SIP revision for Allentown-Bethlehem-Easton, Lancaster, Philadelphia-Wilmington-Atlantic City, Pittsburgh-Beaver Valley and Reading.
- DEP submitted the NNSR and emissions statement SIP revision to EPA on November 2, 2017.

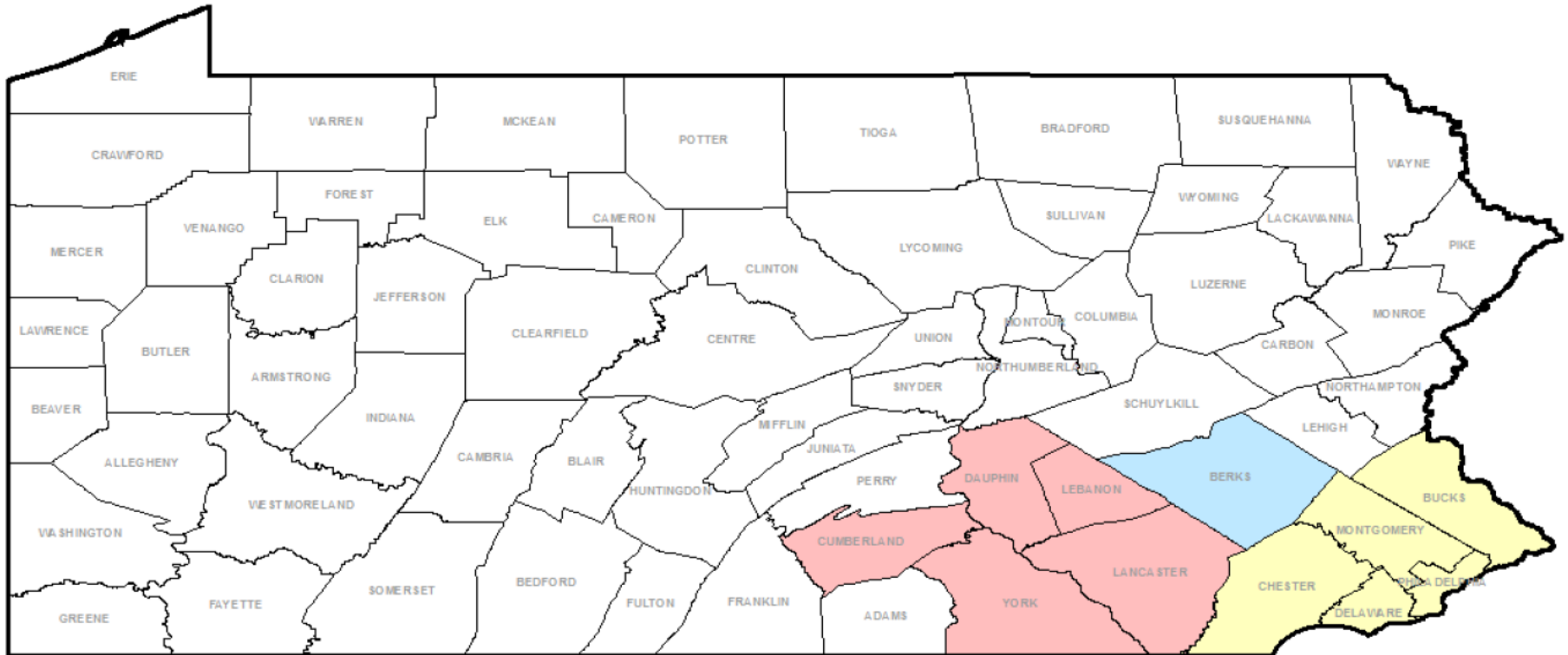
# 2008 Ozone NAAQS SIP Revisions

- The notice indicated that Pennsylvania failed to submit a certification SIP for 44 VOC RACT CTGs.
- Except for the ICS final rulemaking Pennsylvania has satisfied 43 of the 44 VOC RACT CTGs and intends to submit the certification SIP prior to the third quarter of 2018 when sanctions would go into effect.

# ▶ EPA's Proposed 2015 Ozone Designations

- Effective December 28, 2015, EPA changed the 8-hour Ozone NAAQS from .075 ppm to .07 ppm.
- EPA's sent a 120-day letter with Proposed 2015 Ozone National Ambient Air Quality Standards (NAAQS) Nonattainment Designations on December 20, 2017.
- Designations were based on 2016 Ozone Design Value data.

# EPA's Proposed 2015 Ozone Nonattainment Areas



## EPA's Proposed 2015 Ozone NAAQS Nonattainment Designations (December 22, 2017)

 Harrisburg-York-Lebanon-Lancaster, PA  Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD  Reading, PA

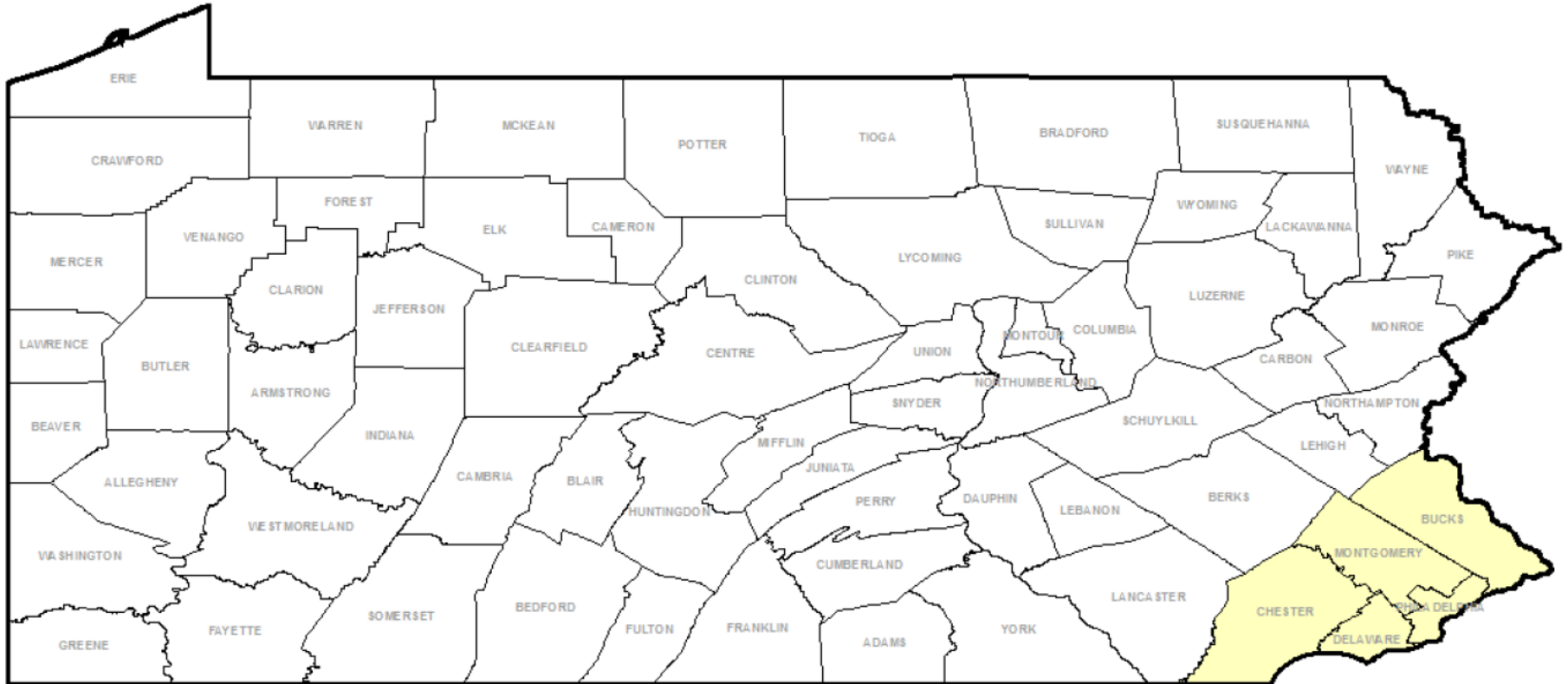





# ▶ DEP's Revised Recommended Designations

In response to the 120-day letter from EPA, DEP is working on revising the recommended 2015 Ozone NAAQS non-attainment designations based on the 2016 Ozone design values data with the exclusion of the Exceptional Event data from May 2016.

# ▶ DEP's Revised Recommended 2015 Ozone Nonattainment Areas



## PADEP's Revised Recommended 2015 Ozone Nonattainment Areas

 Philadelphia-Wilmington-Atlantic City, PA-NJ-DE-MD





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