



DIRECTOR'S REPORT

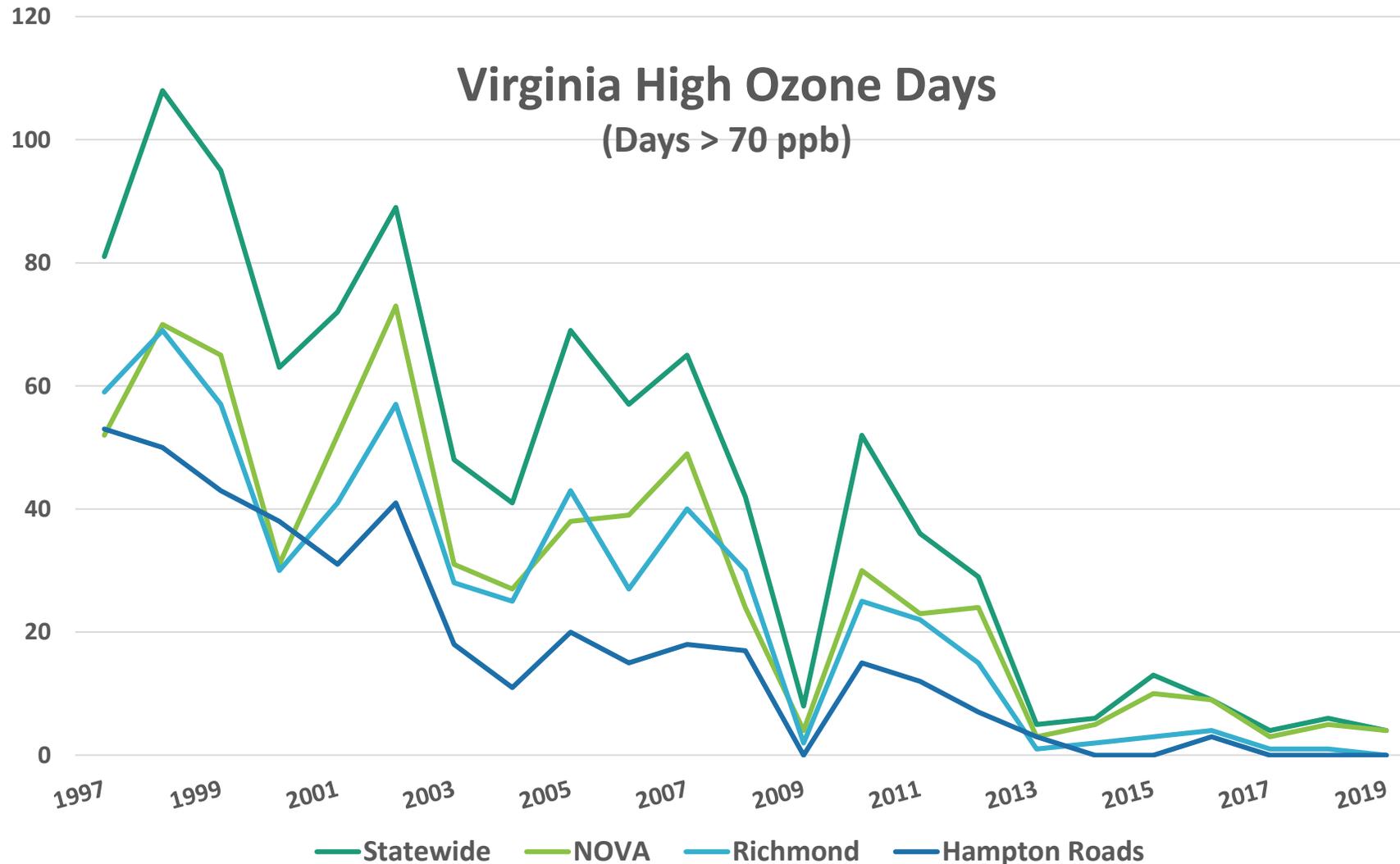
Michael G. Dowd
Director, Air and Renewable
Energy Division

STATE AIR POLLUTION CONTROL BOARD

September 17, 2020

Contact DEQ at 804-698-4470 or Kevin.Vaughan@DEQ.Virginia.gov if you have technical difficulties

National Ambient Air Quality Standards (NAAQS) Ozone (O₃) – Only ONE Exceedance in 2020!

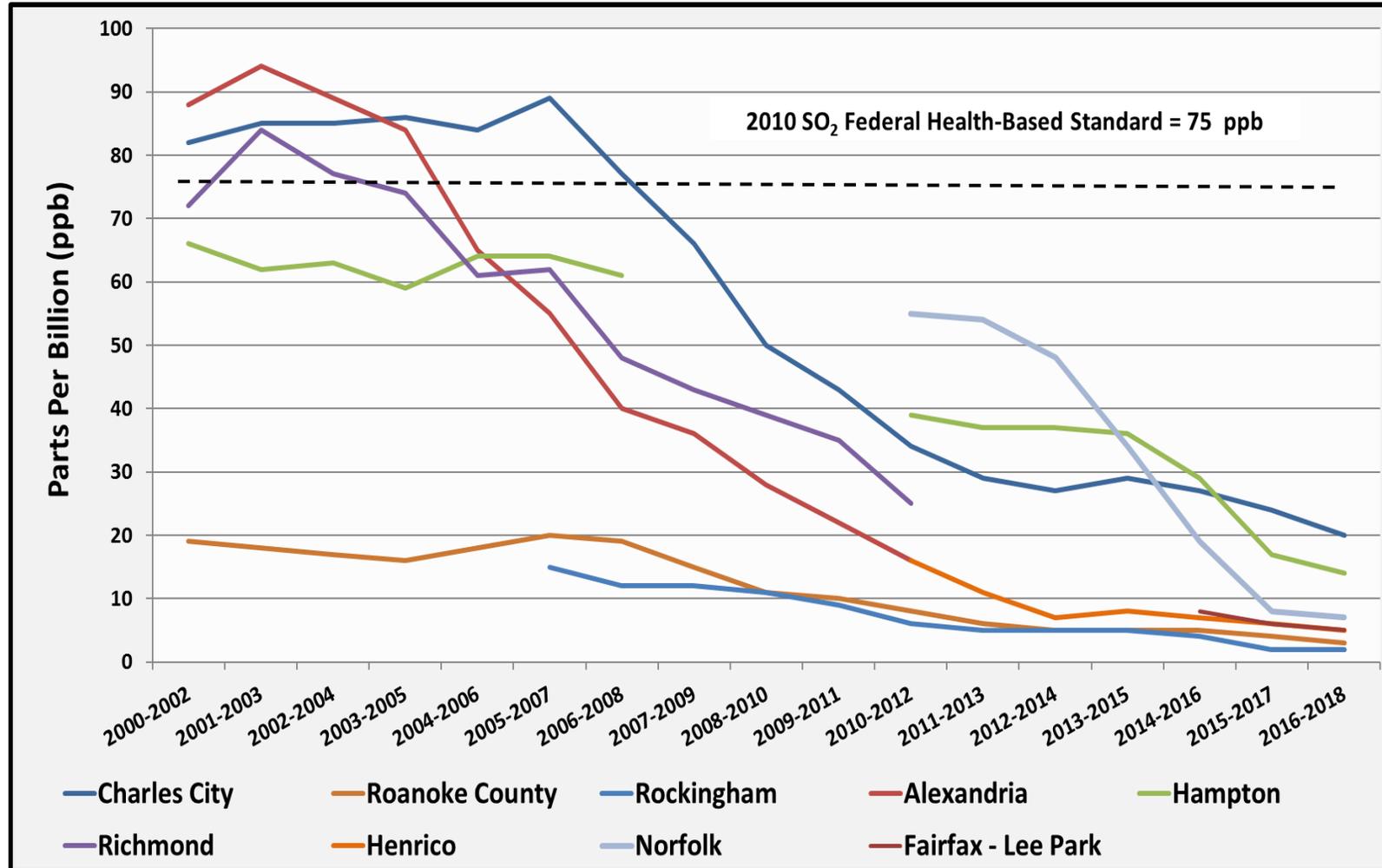


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National Ambient Air Quality Standards Ozone

- Mandated periodic review 2018
 - Health effects study
 - CASAC review
- July 13, 2020: EPA proposes retaining the current standard
 - Current standard set in 2015 at 0.070 parts per million (ppm), as the fourth-highest daily maximum 8-hour concentration, averaged across three consecutive years
- Two public hearings: August and September
- Comment period ends October 1, 2020

National Ambient Air Quality Standards Sulfur Dioxide (SO₂)



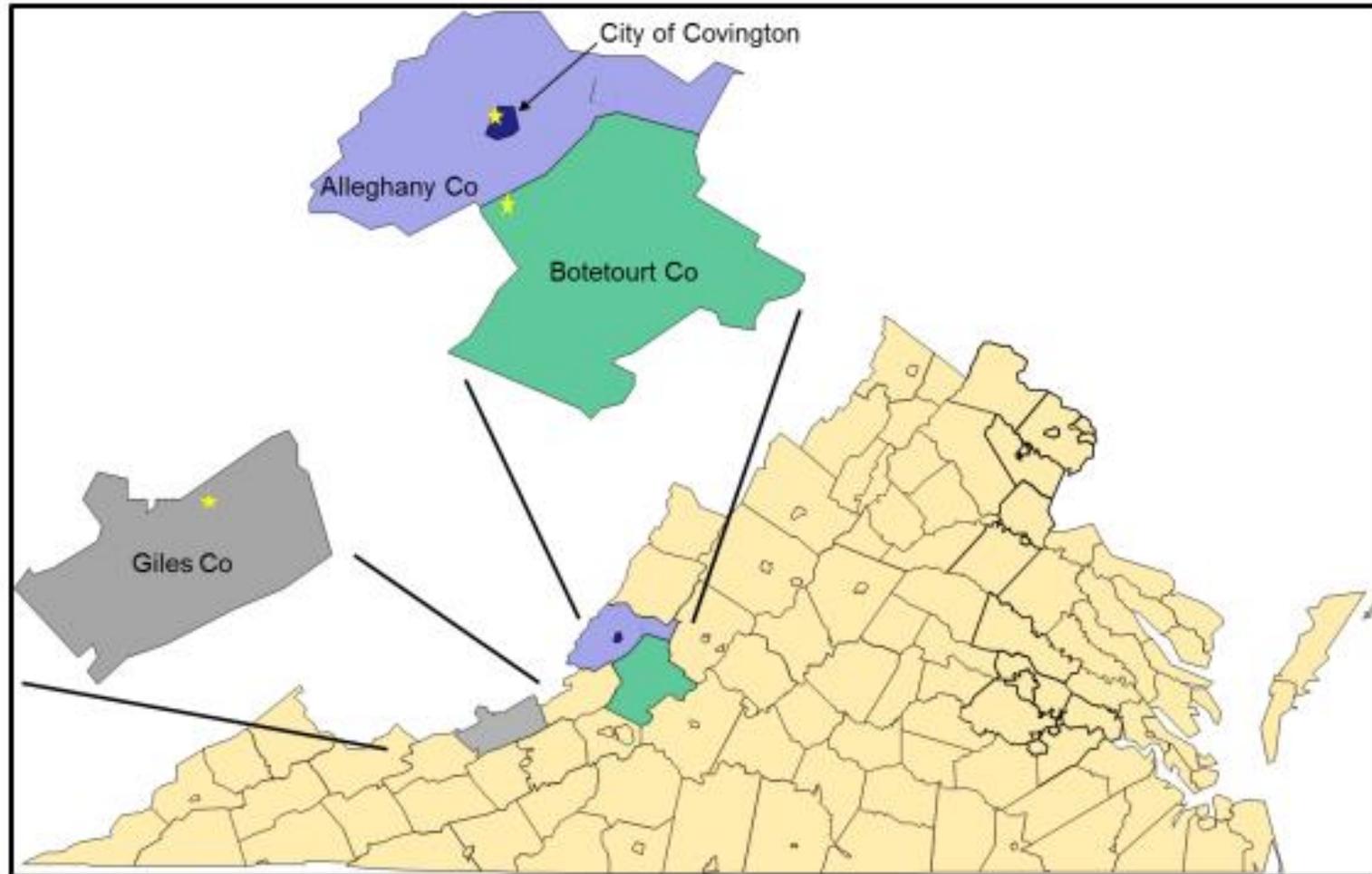
National Ambient Air Quality Standards (NAAQS) Sulfur Dioxide (SO₂)

- Mandated periodic review 2018
- February 25, 2019: EPA finalized retaining the current primary standard
 - Current standard set in 2010 at 75 parts per billion based on the 3-year average of the 99th percentile of the yearly distribution of 1-hour daily maximum
- August 13, 2020: EPA issues response to state designation requests; comment period pending

Final Designation Recommendations 2010 1-Hour SO₂ NAAQS

- Pursuant to Section 107(d)(1)(A) of the Clean Air Act Virginia submitted final recommendations to EPA for the designation of attainment/unclassifiable and nonattainment areas under the 2010 SO₂ NAAQS on April 24, 2020
 - Limited to remaining areas in Virginia that collected source specific monitoring (Roanoke Cement, West Rock, Lhoist)
 - DEQ recommended air quality designations and boundaries consistent with EPA guidance dated September 5, 2019
 - EPA 120-day letter stated that the proposed designations were consistent with Virginia recommendations

SO₂ Facilities and Jurisdictions



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SO₂ NAAQS Proposed Designations

Areas	Included Counties	EPA's Intended Designation
Giles County (partial)	Giles County (p)	Nonattainment
Rest of Giles County	Giles County (p)	Attainment/Unclassifiable
Alleghany County	Alleghany County/ City of Covington	Attainment/Unclassifiable
Botetourt County	Botetourt County	Attainment/Unclassifiable

(p) indicates portion of county

- Nonattainment for portion of Giles County surrounding Lhoist facility
- Lhoist currently working on control equipment options to further reduce SO₂ emissions

SO₂ State Implementation Plan Timeline

Milestone	Date
State Recommendations	April 24, 2020
120-Day EPA Notification Letters	August 13, 2020
30-Day Public Comment Period	August 21 - September 21, 2020
Additional Information Deadline	October 16, 2020
Designation Deadline	December 31, 2020
Designation Effective	March 2021
Attainment Plans (Nonattainment SIPs) Due	September 2022
Latest Attainment Date	March 2026