



COMMONWEALTH of VIRGINIA

DEPARTMENT OF ENVIRONMENTAL QUALITY

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Molly Joseph Ward
Secretary of Natural Resources

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Director

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October 31, 2015

Ozone Advance
c/o Laura Bunte, Mail Code C304-01
109 TW Alexander Drive
Research Triangle Park, NC 27711

Reference: Ozone Advance Action Plan –
Caroline County 2015 Annual
Report

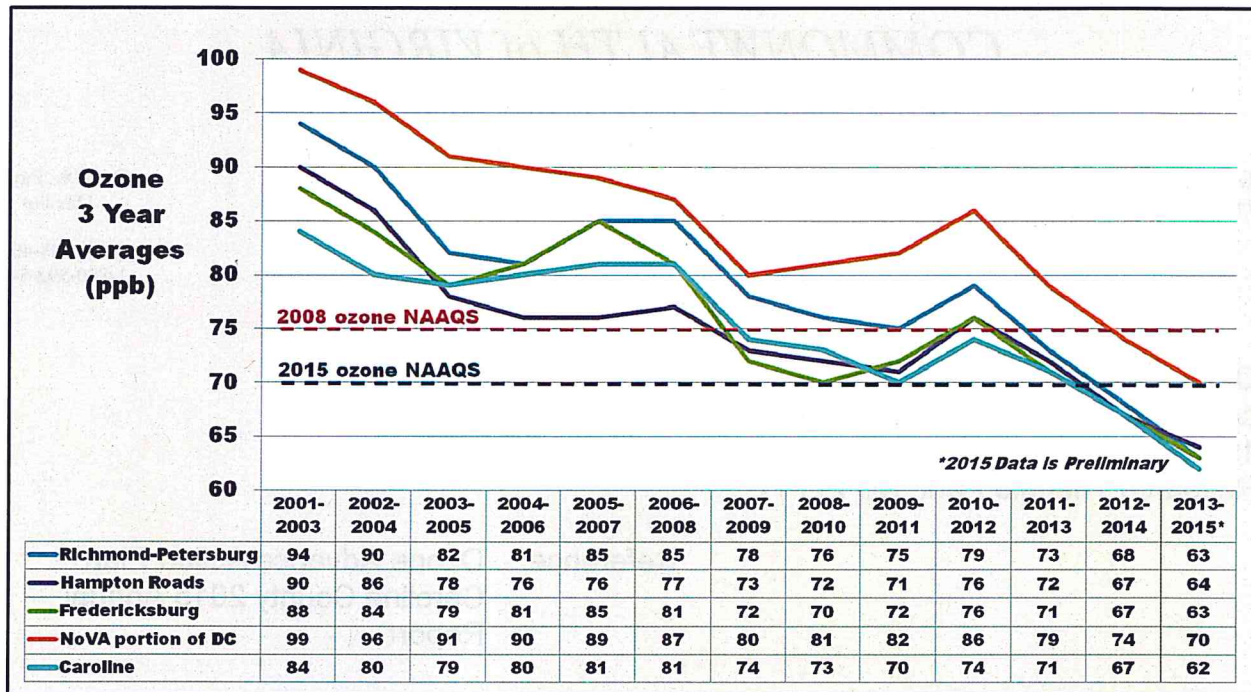
Dear Ms. Bunte,

The purpose of this letter is to transmit the annual report for the Caroline County Ozone Advance Action Plan. This annual report is due to your office by October 31 of each year, as mutually agreed upon by EPA and VDEQ staff.

The annual report generally follows the reporting structure included in the Action Plan under Appendix D, with updates as suggested by EPA staff. Since the structure of Appendix D allows for only a brief overview of each element, several documents and spreadsheets providing more information are included with this letter in electronic format. For your convenience, a table of contents with a description of these documents is attached to this letter.

This report includes much good news. For instance, Honeywell in Hopewell, Virginia, completed and began operating two additional new SCR for the reduction of NO_x in October 2014, bringing the total number of SCRs at the facility to four. This past year, the Invista facility in Waynesboro, Virginia, retired their coal-fired boilers and replaced these units with new, natural gas-fired boilers, which will significantly reduce both NO_x and SO₂ emissions from the facility. Dominion-Virginia Power retired several coal-fired boilers in the Hampton Roads area, also decreasing NO_x and SO₂ emissions.

These efforts and many more have helped reduce ozone concentrations across the Commonwealth to well beneath the 2008 ozone NAAQS of 75 ppb as shown in the chart below. Virginia monitors also comply with the recently issued 2015 ozone NAAQS, set at 70 ppb.



The reductions in NO_x from the Tier 3 program for cars and light duty trucks and the upcoming NO_x reductions as described in the Ozone Advance Action Plan will further improve ozone air quality going forward.

If you have any questions on the information in this annual report or in the information provided electronically, please do not hesitate to call me or Doris McLeod at 804-698-4197.

Sincerely,

Thomas R. Ballou
 Director, Air Data Analysis and Planning

Enclosures:

- Caroline County Ozone Advance Action Plan Annual Report
- Table of Contents
- Data disk