

**AIR RESOURCES COUNCIL
MINUTES OF MEETING #234
10/19/15**

MEMBERS PRESENT: Chairman Robert Duval, Vice-Chairman David Collins, Kris Blomback, Deborah Chabot, Carmela Amato-Wierda, Mark Lambert, Raymond Donald, Georgia Murray (via. Conf. Call)

MEMBERS NOT PRESENT: William Smagula, Ryan Bielagus

NHDES – ARD PERSONNEL: Craig Wright, Jeffrey Underhill, Gary Milbury, Michael Fitzgerald

OTHERS PRESENT: Anne Keach

Call to Order:

Chairman Duval called Meeting #234 of the Air Resources Council (ARC) to order at 9:00 a.m. on Monday, October 19, 2015. Chairman Duval announced that a quorum of the ARC was present.

Approval of Minutes:

Raymond Donald entered a motion to accept the minutes of meeting #233. Deborah Chabot seconded the motion. All were in favor. The motion carried. The minutes of ARC meeting #233 of September 21, 2015, were approved and accepted by the ARC.

Division Activities & Legislative Update:

Chairman Duval introduced Craig Wright, Director of the Air Resources Division (ARD). Director Wright briefly updated members of the ARC regarding issues relative to the ARD, including:

Clean Power Plan

Director Wright reported that the Regional Greenhouse Gas Initiative (RGGI) states intend to incorporate an emissions and measures plan in their state plans. He announced that stakeholder meetings are scheduled for November 17, 2015 at 10:00 a.m. in New York, and November 20, 2015 at NHDES.

Permitting

Director Wright reported that no appeals have been filed regarding the issuance of permits by the Air Resources Division.

Cheshire County Woodstove Changeout Program

Director Wright reported that Bridgewater Power Company provided funding for over \$400,000 in vouchers the Woodstove Changeout Program which launched in January 2015. The program afforded residents of Cheshire County to use a \$1,000 voucher towards the purchase of an EPA certified woodstove, \$1,500 towards a pellet or gas stove, or \$4,000 towards a new outdoor wood boiler. Because of the topography in Cheshire County, the area experiences particularly poor air quality during the winter months. With the use of more efficient, cleaner stoves, the area should see air quality improvements in the coming months.

Legislation

Director Wright reported that the deadline for filing Legislative Service Requests is November 3, 2015. He added that the ARD will track approximately forty to fifty legislative items this session, and will inform the ARC of relevant legislation as it is introduced in the 2016 Legislative Session.

Rules

Director Wright informed members of the ARC that the following rules will be presented at the ARC meeting on November 16, 2015:

1. Env-A 904.04, *VOC Recordkeeping for Surface Coating and Printing Operations*
2. Env-A 1400, *Regulated Toxic Air Pollutants*

Volkswagen Emissions Test Defeat Device

Director Wright reported that since the announcement of Volkswagen deliberately circumventing air-pollution laws with the use of a software “defeat device” installed on nearly 500,000 Volkswagen and Audi diesel models sold in the United States since 2008, NH has determined that approximately 4,000 to 5,000 of those affected vehicles were sold in New Hampshire. The NHDES is working with the, NH Office of the Attorneys General, and the NH Automobile Dealers Association to determine how to address this consumer protection issue.

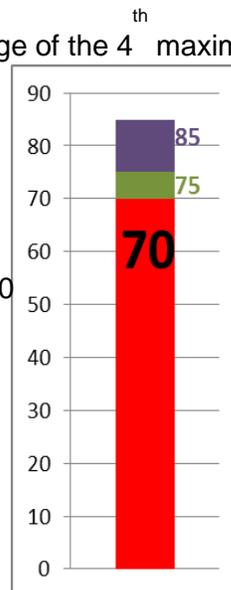
New Hampshire’s Ozone State Implementation Plan:

Chairman Duval introduced Dr. Jeffrey Underhill, Chief Scientist, Atmospheric Science and Analysis Bureau. Dr. Underhill provided members of the ARC with an overview of New Hampshire’s State Implementation Plan for Ozone based on the Clean Air Act and the Ozone Standard, which includes the following components:

- The law requires EPA to review the standard every five years – using the latest science
- Standard needs to be set at a level requisite to protect public health with an adequate margin of safety
- EPA can not consider costs in determining the standard but can in how they implement the standard
- EPA’s regulatory impact analysis estimates benefits will exceed costs by a margin of 2-4 to 1

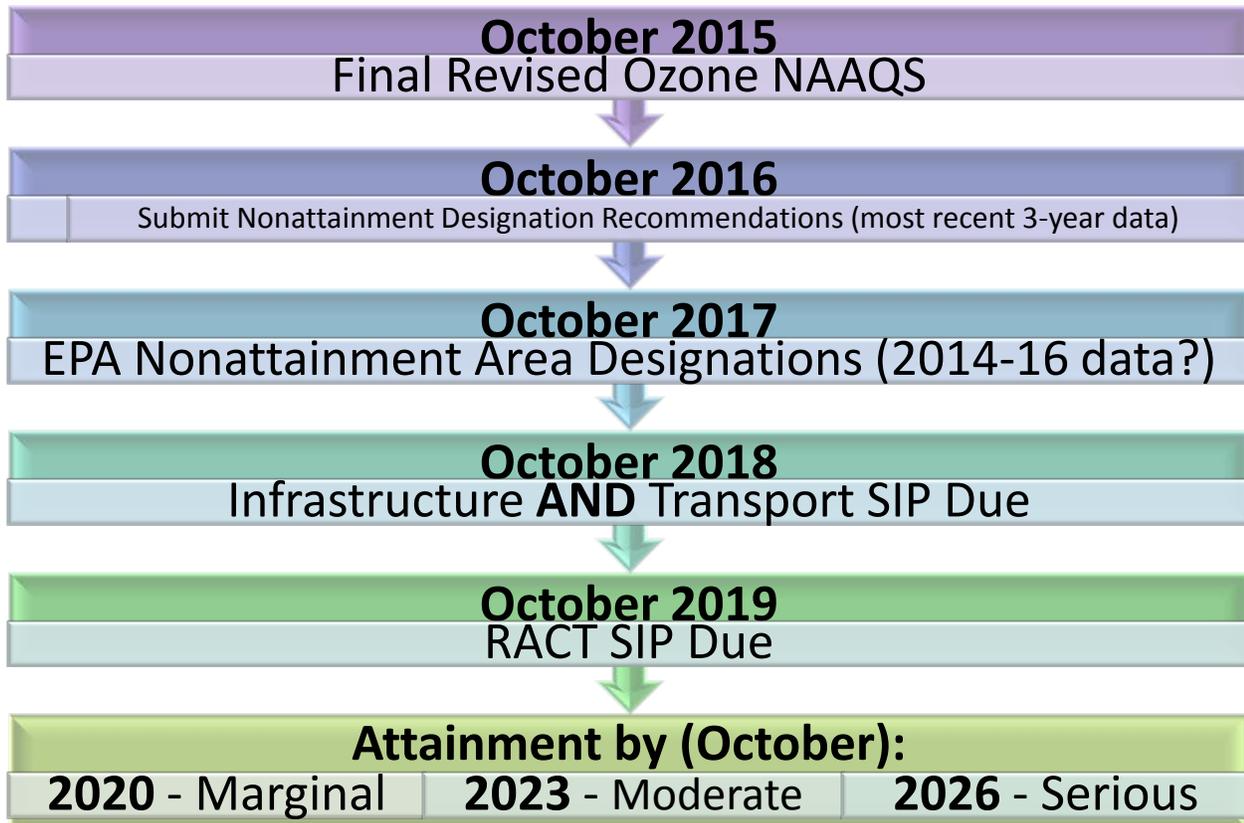
Dr. Underhill described the New Ozone National Ambient Air Quality Standard (NAAQS), which was revised on October 1, 2015, and includes:

- **70 ppb** 8-hour averaging period, 3-year average of the 4th maximum by monitor
- Secondary standard = Primary Standard
- Estimated annual benefits and costs
\$2.9 to \$5.9 billion in health benefits
\$1.4 billion in control cost
- Other Updates effective in 2017
- NH Ozone season becomes March 1 to Sept 30
- NCore stations to monitor ozone year-round



- Other Updates effective in 2019
 - PAMS monitoring updates
 - VOC and NOx species updates
 - Carbonyl testing frequency increased
 - Network being modified

Dr. Underhill reported that beginning in 2017, the ozone season will begin on March 1st, instead of April 1st. In New Hampshire, the earlier start is needed because of the early season ozone measured on Mt. Washington. Dr. Underhill provided the following 2015 Ozone NAAQS Timeline:



By providing recent ozone data for New Hampshire, Dr. Underhill informed members of the ARC that New Hampshire has not experienced ozone that would have exceeded this new standards in recent years and offered the data provided below:

| | DV 2011-13 | DV 2012-14 | DV 2013-15P |
|--------------------------|---------------|---------------|----------------|
| Laconia-B | 62 | 62 | 58 |
| Keene | 62 | 62 | 60 |
| Summit Mt Washington | 69 | 68 | 69 |
| Mt Washington Base | 61 | 59 | 57 |
| Lebanon | 60 | 61 | 59 |
| Woodstock | | 59 | 57 |
| Nashua-Gilson | 67 | 66 | 64 |
| Peterborough | 67 | 70 | 67 |
| Concord-B | 64 | 63 | 62 |
| Portsmouth-Pierce Island | 66 | 68 | 66 |
| Rye-Ordiorne State Park | 67 | 68 | 68 |
| Londonderry-Moose Hill | 68 | 67 | 65 |

Dr. Underhill foresees that the state New Hampshire is in good shape for the new ozone standard, and that the new ozone standard should benefit the State of New Hampshire with cleaner air and nearly no new additional requirements.

Status of Appeals

Currently, there are no appeals before the ARC.

New Business

Thomas Burack, NHDES Commissioner introduced Clarke Freise, NHDES Assistant Commissioner to members of the ARC. Assistance Commissioner Freise provided a brief professional and personal background summary stating that he previously served in a number of senior executive roles in industry. Prior to industry, he served in the federal government as a Naval Officer, scientist, and as a program manager. Assistant Commissioner Freise graduated from the United States Naval Academy and the Massachusetts Institute of Technology/Woods Hole Oceanographic Institution joint program with degrees in physical oceanography. He serves on the Worcester Polytechnic Institute Robotics Engineering Board and is a Woods Hole Oceanographic Institution Corporate Member.

Other Business

Chairman Duval scheduled the next meeting of the ARC to be held on Monday, November 16, 2015.

Public Commentary

No members of the public were present.

Adjourn

Having no further business to discuss, Raymond Donald entered a motion to adjourn, seconded by Deborah Chabot. All were in favor. Meeting #234 of the Air Resources Council adjourned at 10:15 a.m., on October 19, 2015.