

NEW JERSEY CLEAN AIR COUNCIL

Clean Air Council Members

Richard Opiekun, Ph.D., Chair
Vice Chair Sara Bluhm, Vice-Chair
Mohammad "Ferdows" Ali
Leonard Bielory, M.D.
Joseph Constance
Michael Egenton
Manuel Fuentes-Cotto, P.E.
Howard Geduldig, Esq.
Toby Hanna, P.E.
Robert Laumbach, M.D.
Pam Mount

Clean Air Council Members

James Requa, Ed.D.
Nicky Sheats, Esq., Ph.D.
Joseph Spatola, Ph.D.
Robert Weber

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New Jersey Clean Air Council Meeting Record

Chamber of Commerce
216 West State Street
Trenton, NJ

September 9, 2015

CALL TO ORDER	Joseph Constance opened the meeting.
COUNCIL MEMBERS PRESENT	All of the Council members were present with the changed noted below.
EXCUSED	Nicky Sheats
PUBLIC	Kimberly Scarborough, PSE&G Francis Steitz, NJDEP Christine Schell, NJDEP Mark Connley John Giordano, NJDEP

Meeting Record

- Discussion of 2016 Hearing Topic. Voted on the topic of Clean Power; Richard Opiekun called for the motion to approve, Michael Egenton accepted, Eric Svenson seconded the motion, Howard Geduldig abstained.
- Public Hearing tentatively scheduled for Thursday, April 14, 2016 at NJDEP in Public Hearing Room.
- Votes were taken for Chair and Vice-Chair position. All members present voted; Richard Opiekun had been chosen for the position of Chair and Sara Bluhm for Vice-Chair. Mr. Opiekun & Ms. Bluhm accepted and the decision was unanimously approved by all members present.
- Michael Egenton made a motion to adjourn; Sara Bluhm seconded the motion. Meeting was adjourned at 12:00pm.

Administrative Report

Presented by Bill O'Sullivan, Division of Air Quality

1. Ozone exceedances – As of Sept 8 there were 16 days of exceedances of the 75 ppb ozone standard at one or more air monitor in NJ. (Number stands at 20 as of Sept 30, which was the end of the ozone season.) This compares to 3 exceedance days during the 2014 ozone season.
2. EPA proposed rule on ozone levels in NJ and 35 other states which have marginal nonattainment areas – On 8/19/15, EPA proposed 2 actions that affect NJ.
 - a. For the metropolitan Philadelphia Air Quality Control Region, which includes southern NJ, EPA proposed to extend the determination of attainment for 1 year, which would allow the use of the years 2013, 14 and 15 to determine attainment. We expect this region to be in attainment with the 75 ppb standard.
 - b. For the metropolitan NY Air Quality Control Region, which includes northern NJ, EPA proposed to find that it did not attain the 75 ppb ozone standard, which would bump the region into moderate nonattainment, with a 2018 attainment deadline. This would require a new state implementation plan (SIP) submittal in 2017. (The new 70 ppb NAAQS could affect the requirement for a 75 ppb SIP.)
3. EPA 1 hour sulfur dioxide rule for large sources – On 8/10/15, EPA finalized a rule which requires modelling or monitoring for SO₂ emissions at power plants and other sources which have over 2000 tons per year of actual SO₂ emissions. NJ's largest SO₂ source emits under 1000 tons per year, so the rule does not affect any NJ sources. A model for this rule was the modelling and monitoring NJ did downwind of the Portland power plant in Pennsylvania, which proved violation of the health standard for SO₂.
4. Exceedance of nitrogen dioxide health standard – On 7/2/15, the Bayonne monitor detected an exceedance of the NO₂ national ambient air quality standard. The cause of the exceedance was determined to be idling construction vehicles while the park in which the monitor is located was being renovated. While a single exceedance at a monitor is not a violation, this demonstrates that idling construction vehicles can cause unacceptably high localized NO₂ levels. This is the fourth time in 2 years that an exceedance of the 1 hour NO_x standard in NJ was attributed to idling construction vehicles near a monitor.
5. Meeting with construction industry – On 8/27/15, NJDEP staff met with representatives from the construction industry to discuss reduction of particle and NO_x emissions from diesel equipment.
6. Fraudulent Vehicle Inspection Investigations – The Bureau of Mobile Sources estimates that 104 tons per year of excess NO_x and VOC emissions occurred in 2013, from one case of fraudulent vehicle inspections involving thousands of cars. Criminal charges resulted in 1 year prison terms.
7. PSEG Sewaren Generating Station – On June 22, 2015, PSEG submitted a new application for a 585 MW combined cycle power project at their Sewaren power plant. Existing boilers at this site would be shut down.

8. EPA proposed rules for oil and gas production and transport in August – These rules will have little effect on NJ facilities. Transmission line compressors may need to do more leak detection and repair. The rules would affect Pennsylvania wells and associated production equipment, potentially reducing transport of air contamination into NJ.
9. EPA Clean Power Plan (CPP) – 2 final rules and 1 proposed rule were released by EPA on 8/3/15. One final rule sets CO2 limits for new coal and combined cycle gas fired power plants over 25 MW. The other final rule requires a state plan to limit CO2 emissions from existing coal, oil or gas boilers and combined cycle gas fired turbines used to generate electric power at 24 power plants in NJ. The proposed rules are for a federal implementation plan (FIP) to be used if a state does not submit a plan and model trading rules for states to use when developing plans.
10. NJ Request for Reconsideration of EPA CPP – On 9/2/15, Commissioner Marin requested that EPA reconsider its Clean Power Plan for existing power plants. Among the issues raised is EPA’s change to the rule to not allow compliance credit for any renewable energy project that predates 2013. The rule also does not allow credit for other pre 2013 clean energy projects in NJ, including uprates at nuclear power plants, and energy efficiency projects. The EPA standard for NJ is not achievable by new or existing natural gas combined cycle turbines and can only be achieved by outside the fence, non-fossil fuel measures, such as renewable energy.

ARTICLES OF INTEREST

Newspaper Articles

Presentations given by Bill O’Sullivan & Francis Steitz

NEXT MEETING

January 14	ERM, 200 Princeton South Corporate Centre, Suite 160, Ewing, <i>Toby Hanna</i>
February 11	NJ DEP, 401 East State Street, 5 th Floor, Trenton
March 11	NJ DEP, 401 East State Street, 5 th Floor, Trenton
April 14 (Tues)	Public Hearing – NJ DEP, NJ DEP, 401 East State Street, Trenton
May 13	Thomas Edison State College, Trenton,
June 10	NJ DEP, 401 East State Street, 5 th Floor, Trenton
July 7 (Tues)	<i>Present to Commissioner?? – NJDEP, 5th floor – TENTATIVE</i>
August	No meeting?
September 9	Chamber of Commerce, 216 W. State St., Trenton, NJ
October 14	New Jersey Business & Industry Association, 10 West Lafayette Street Trenton, NJ
November 10	NJ DEP, 401 East State Street, 5 th Floor, Trenton
December 9	IBEW, Local 94, 219 Franklin St., Hightstown, NJ