

## NEW JERSEY CLEAN AIR COUNCIL

### Clean Air Council Members

Leonard Bielory, M.D., Chairman  
Toby Hanna, P.E., Vice Chairman  
Ferdows Ali, Ph.D.  
James Blando, Ph.D.  
Joseph Constance  
Michael Egerton  
John Elston  
Manuel Fuentes-Cotto  
Pam Mount

### Clean Air Council Members

Joyce Paul  
Joseph Spatola, Ph.D.  
Kenneth Thoman  
Junfeng (Jim) Zhang, Ph.D.

### Clean Air Council Liaison

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CAC Web Site

<http://www.state.nj.us/dep/cleanair>

Draft Approved: 12/9/2009

## NJ CLEAN AIR COUNCIL MEETING RECORD

November 4, 2009, 9:30 a.m.

ERM

250 Phillips Boulevard, Suite 280  
Ewing, New Jersey 08618

CALL TO ORDER: Toby Hanna opened the meeting.

COUNCIL MEMBERS PRESENT: All of the Council members were present with the changes noted below. (**See Attachment 1 – Attendance Sheet**)

EXCUSED: Ferdows Ali, Leonard Bielory, Joseph Constance, Jim Zhang

SPEAKERS: Bill O’Sullivan, Director, Division of Air Quality; Olga Boyko, Air Quality Evaluation Section, Bureau of Technical Services

PUBLIC: Howard Geduldig, Sue Angyal, Irwin Zonis, Brad Bollen, Erica Snyder

### Meeting Record

Roll call was taken. Vice-Chairman called for motion to approve the October minutes. Jim Blando made the motion to approve October minutes. Pam Mount seconded the motion. The October minutes were approved by a unanimous vote.

### Administrative Report

*Presented by Bill O’Sullivan, Director, Division of Air Quality:*

#### 1. News Articles:

- According to a study by the National Academy of Sciences, “Fossil Fuels’ Hidden Cost is in Billions”. Coal burning was the largest single source of such external costs. The damages (not including CO2) averaged \$0.032 per kwh for the cleanest coal-powered plant versus \$0.12 per kwh for the dirtiest plant, as compared to natural gas production at \$0.016.

- Linden Town Council voted down a settlement with DuPont that would have allowed sale of land to PurGen to build a coal-fueled electric plant, with carbon capture and sequestration.
  - Sealing methane emissions from gas pipelines would curb climate change.
2. PM2.5—The USEPA designated the same areas for nonattainment as recommended by New Jersey, except Knowlton Township was not included by UPEPA in the Allentown, PA nonattainment area. NJDEP is working with other states to have a complete State Implementation Plan submitted by November 2012. Measures already being implemented for the annual PM2.5 nonattainment areas will help attain the 24 fine particle NAAQS.
3. Rules:
- Lower Sulfur in Fuel rule proposal will be in the November 16 New Jersey Register.
  - The public notice for cost of living permit fee adjustments will be in the November 16 New Jersey register.
  - The Inspection & Maintenance rule adoption will be in the November 16 New Jersey register.
4. Electronic Permits:
- Mandatory Electronic General Permit Submittal will commence on January 1, 2010. This rule requires (subchapter 8 & 22) that any general permit submitted after December 31, 2009 be submitted on the Web portal (unless the general permit is not yet available, in which case a paper application will be accepted until the portal is updated).
  - Electronic PDF permits are available for all air quality permits issued after July 1, 2009.
5. Essex County Incinerator—Representatives of the Bureau of Air Permits met recently with representatives of the Ironbound Community Corporation from Newark and Greenfaith, based in New Brunswick, to discuss particulate emissions and the effectiveness of the existing electrostatic precipitator particulate control system at the Covanta Essex County municipal solid waste to energy plant located in the ironbound section of Newark. A public hearing for renewal of the operating permit was held on November 10, 2009 in Newark.
6. Vineland Municipal Electric Utility (VMEU)—Vineland Municipal Electric Utility submitted an application for a combined Federal Prevention of Significant Deterioration (PSD) Permit and Title V Operating Permit for a new 60 MW simple-cycle combustion turbine to be installed at its Howard M. Down Generating Station. To control nitrogen oxides emissions, the turbine would be equipped with dry low NOx burners and selective catalytic reduction for natural gas firing, and water injection for oil firing. An oxidation catalyst would control carbon monoxide and volatile organic compounds emissions. This turbine will be 40% more efficient than Vineland's 25 MW coal-boiler, which is scheduled to shut down December 2010.
7. Air Monitoring at Schools—Based on two months of testing that began in August, USEPA has reported preliminary results of air quality monitoring outside Paulsboro High School and a school in Elizabeth. The results indicate there is no short-term health threat to students from heavy-metals pollution. The agency is not ready to release a report on volatile organic compounds because of sampling problems with QA/QC.

### **National Air Toxics Assessment (NATA) 2002 Results**

*Presented by Olga Boyko, Air Quality Evaluation Section, Bureau of Technical Services: PowerPoint presentation on file.*

### **NEW BUSINESS/OLD BUSINESS**

- Michael Egenton respectfully encouraged NJDEP to address appointments/reappointments to the CAC.
- Brochure to be finalized by November 30.
- Joyce Paul requested that e-mail distribution list be shared with CAC.
- Vice-Chairman called for motion to adjourn the meeting. Joe Spatola made the motion to adjourn, seconded by Jim Blando. The meeting was adjourned at 12:23 p.m.

### **ARTICLES OF INTEREST**

- News Clips

### **NEXT MEETING**

December 9, 2009, 9:30 a.m., NJ Environmental Infrastructure Trust, 3131 Princeton Pike, Building 6, 2nd Floor, Suite 201, Lawrenceville, NJ 08648