

NEW JERSEY CLEAN AIR COUNCIL

Clean Air Council Members

Jorge H. Berkowitz, Ph. D., Chairman
Michael Egenton, Vice Chairman
Richard Aicher
Ferdows Ali, Ph. D.
Leonard Bielory, M.D.
James Blando, Ph. D.
Joseph Constance
George Currier, P.E.
Elease Evans
Gene Feyl
Marcelino Iglesias
Richard M. Lynch, Ph.D.
Raymond M. Manganelli, Ph.D.

Clean Air Council Members

John Maxwell
Stephen J. Papenberg
Joseph A. Spatola, Ph.D.
Irwin Zonis

Clean Air Council Liaison

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CAC Web Site

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

DEP Electronic Bulletin Board

609-292-2006

Approved: February 11, 2004

NJ CLEAN AIR COUNCIL MEETING RECORD

February 11, 2004, 9:30 a.m.
University of Medicine & Dentistry
(UMDNJ)
65 Bergen Street
15th floor, Room 15-14A
Newark, NJ 07101
973.972.7524

CALL TO ORDER: Jorge Berkowitz opened the meeting.

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

EXCUSED: Richard Aicher, Marcelino Iglesias, Joseph Spatola, Irwin Zonis
NJDEP: Chris Salmi, Assistant Director, Air Quality Management
SPEAKERS: Dr. Leonard Bielory, Director, UMDNJ, Asthma & Allergy
research Center, Chris Salmi, Assistant Director, Air Quality
Management

PUBLIC: Michael Calvin, FINISH, KatFINISH

Meeting Record

Roll call was taken. Chairman called for motion to approve the January minutes. John Maxwell motioned, seconded by Michael Egenton. The January Minutes were approved as submitted.

Administrative Report

Chris Salmi, Assistant Director, Air Quality Management

- Items prior to my arrival
- Title V—EPA finalized Umbrella rule
- Essex County incinerator stacks tested under new Mercury rule
- I&M statistical report as of January, 2004: 40% decrease in NOx and hydrocarbons; 66% decrease in co's
- Audit of private facilities was performed. 70% failed for mostly paper violations
- Camden South Pilot Project—first bucket brigade in June. Zylene found. Testing continues. Risk reduction effort underway
- State-of-the-Art (SOTA)—EPA comment period for stationery combustion turbines closes February 20, 2004
- Gas general permit updated
- Good News e-mail from Bill O'Sullivan and Ed Choromanski to their respective staff was distributed at meeting **(See Attachment 2)**. Governor signed California car bill; Soot and smog has decreased in past 10 years; new diesel initiative
- Environmental Prosecutor position proposed by legislature. Amended to include civil cases.

Aerobiology in New Jersey

Dr. Leonard Bielory, Director, UMDNJ, Asthma & Allergy Research

- Oldest pollen counting station, monitored by UMDNJ, is located in Newark
- Data collect over 15 year period—1987-2002
- 1 of 4 – 1 of 3 Americans have allergies. This same ratio applies to developed countries as well
- Pennsylvania has ragweed control
- Rotorod sampling device collects data on a 24-hr. basis. Average pollen particles are reported
- Trees, 92% of total pollen, peaks in May
- Grasses, 43% of total pollen, peaks in June and September
- Weeds peak in September. 3 of 4 Americans allergic to ragweed due to soil disruption and, is the most common weed.
- Total pollen peaks in May. Decreasing levels of pollen were between 1994-2002.
- Weed pollen at most pronounced level. Eyes, nose, then skin irritated by pollen.
- Asthma hospital visits vary, but not linked to days of highest pollen counts.
- Changes over time, mostly, temperature, pollen and pollutants, especially ozone increase number of hospital visits.
- Asthma attacks occur 3-4 days after exposure, with most emergency room visits after five days of exposure.

Sulfur in Diesel Fuel Control Measures

Chris Salmi, Assistant Director, Air Quality Management (See Attachment 3—distributed at meeting by John Maxwell)

- ? at 300 PPM
- Sometimes poisons, sometimes rejuvenates catalyst
- Potential for implementation this summer
- Diesel side—

Diesel Initiative

Chris Salmi, Assistant Director, Air Quality Management

- Goal is to decrease diesel and smog
- Elements of program in organizational stage
- Priorities: target certain parts of NJ Transit bus fleet and school bus fleets
- Trucking industry wants to delay EPA rules for heavy duty diesels
- States along with Stappa/Alapco want to adopt California Car standard.
- In 2005 to 6 engines
- Regulatory hook—NOx
- Planes regulated at federal level
- Efforts ongoing with Army Corps of Engineers regarding construction equipment
- I&M
 - changing cut points for heavy duty
 - NJ has legislative authority to inspect medium duty
 - Light duty have OBD
 - Inspect OBG on diesel vehicles with focus on opacity
- Idling
 - Authority to local police
 - Title 39 needs changes
 - Municipal garbage trucks—reduction through bidding process. Will not address private trucks
 - Retrofit for fleets need statutory authority. Model—EPA model 6 targeted program. Funding source unknown
 - Outreach & education—inform public about health issues about diesels. Need statutory authority.
 - Off-road vehicles include farm and construction equipment

NEW BUSINESS/OLD BUSINESS

- Review February minutes
- Third draft of letter to NJ Public Health Council—Steve Papenberg
- Pull from 2-10-04 agenda Public Hearing Update—speakers, mailing labels
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. ARTICLES OF INTEREST

- New Clips

NEXT MEETING

March 10, 2004 at 9:30 a.m., UnFINISH