

**NEW JERSEY
CLEAN AIR COUNCIL**

Clean Air Council Members

Joseph Constance, Chairman
Kenneth Thoman, Vice Chairman
Mohammad "Ferdows" Ali
Leonard Bielory, M.D.
Sara Bluhm
Michael Egenton
John Elston
Manuel Fuentes-Cotto
Howard Geduldig
Toby Hanna, P.E.
Robert Laumbach, M.D.
Pam Mount

Clean Air Council Members

Richard E. Opiekun, Ph.D.
James Requa, Ed.D.
Nicky Sheats, Esq., Ph.D.
Joseph Spatola, Ph.D.

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NJ CLEAN AIR COUNCIL MEETING RECORD

**Department of State
225 West State Street,
4th Floor, Conference Room #1
Trenton, NJ 08608**

October 10, 2012

CALL TO ORDER: Chairman Joseph Constance opened the meeting.

COUNCIL MEMBERS PRESENT: All of the Council members were present with the changes noted below.

EXCUSED: Toby Hanna, Michael Egenton, Manuel Fuentes-Cotto, Pam Mount, Nicky Sheats, Joseph Spatola

REPRESENTED: Toby Hanna by Kimberly Scarborough, PSEG
Michel Egenton by Scott Ross, NJ Petroleum Council

SPEAKER: Ky Asral, NJDEP
Small Business Clean Air Services

PUBLIC: Ky Asral, NJDEP

Meeting Record

Roll call was taken. Chairman Joseph Constance called for motion to approve the June, July, and September minutes. Leonard Bielory made the motion to approve minutes as submitted. Kenneth Thoman seconded the motion. The June, July and September minutes were approved by a unanimous vote. It is noted that some of the Council Members would like more in depth notes to be taken for future reference.

Administrative Report

Presented by Bill O'Sullivan, Division of Air Quality

1. Covanta Essex County Waste to Energy facility – On 9/25/12, Covanta submitted an application to replace the particulate controls on the 3 incinerators. The existing electrostatic precipitators will be replaced with state of the art bag houses over a 3 year period (one per year), consistent with the agreement Covanta Essex entered into with the NJDEP in April. Substantial reductions in particulate emissions will occur, including reductions in heavy metal particulate emissions. There will be a public comment period on the modification of the operating permit.
2. Durand Glass - First in the USA air pollution control systems have been installed on the 3 glass furnaces at the Durand Glass Millville plant. The system includes ceramic filters with reagent injection to reduce nitrogen oxides, sulfur dioxide and particulate emissions. The installation of control enabled Durand to operate the 3d furnace which is new. The control system sets a new bar in the USA for lowest achievable emission rate for nitrogen oxides. The control system meets the requirements of a Consent Decree between Durand, EPA and NJDEP.
3. Major Stationary Source emission trend – Danny Wong, who runs the air emission statement program, compared emission statements for the last 13 years for the over 500 facilities that report. The total emissions for every criteria pollutant have declined dramatically, with SO₂ dropping by about 90% over the last 10 years. Acid gas scrubbers and increased gas use by utilities in 2011 resulted in a 66% decline of stationary source SO₂ between 2010 and 2011.
4. Tracking Changes in Air Permits – The air permit program has launched a computerized utility that automates the comparison of draft permit versions and generates a list of changes when a permit is being modified. During the transformation process, this was identified by industry stakeholders as a useful change to speed up review and understanding of modified permit conditions. Of all the transformation changes, this relatively obvious feature has generated the greatest positive feedback.
5. Stakeholder meeting for Emission Offset rule revision - Scheduled for 11/2/12 and by invitation only, a balanced group of stakeholders has been invited for this pre proposal discussion of planned changes to incorporate USEPA nonattainment provisions for fine particles. Redesignation to attainment of the fine particle national ambient air quality standard will not eliminate the need for these changes. This rule also helps maintain the air quality below the health standard. Written input is requested by 12/2/12. The formal proposal is expected in 2013, for formal comment. Until the NJ nonattainment rule is revised, EPA's rules apply.
6. Air and Waste Management Association annual seminar at NJDEP - On 10/12/12, NJDEP staff provided updates on air, waste and site cleanup programs.

7. Gas fired power and the green grid - A 9/27/12 NY Times article provides a good overview of how gas fired power plants complement wind, PV and other green energy. Both simple cycle and combined cycle gas turbines can ramp up rapidly to provide power that is needed to address variations in wind and PV power. Also, the new gas fired power plants being permitted in NJ emit a small fraction of emissions from the old coal fired power plants that they are replacing on the electric grid.
8. New Power Plants – In the last year over 2000 MW of combined cycle gas turbines have been permitted. Capital investment is over \$2 billion. Applications for another approximately 2000 MW are under review. Some projects get no public comment. Others, like the Newark Hess proposal, generate substantial public interest and comment.
9. Other major projects – Other major projects with air permit applications under review include 2 major storage tank terminals, a large recycling processing plant, and installation of NOx control on existing simple cycle gas turbines to comply with the 5/1/15 compliance date for the High Energy Demand Day rule.

Presentation

Ky Asral, NJDEP

Presentation Small Business Clean Air Services

Ky's Notes:

- PAST:
 - Education and Outreach = 14
 - Permit Assistance = 62
 - Onsite Assistance = 230
 - Consultations = 95
 - Calendars = 1800 Korean, 850 English, 1700 gas = 4350 total
- PRESENT:
 - Just attended the Dry Cleaner Expo
 - Reducing GHG from hotels with an EPA Grant, Workshop on 10/19
 - Chair of Climate Change and Sustainability Subcommittee for the SBAP NSV
 - Collaborate with Air Permitting and Air Enforcement at Air Chief's meeting and Air General Permit meetings
- FUTURE:
 - Will print and distribute 4000 calendars
 - Will continue to maintain air auditors through Rutgers Continuing Education.
 - Working on DEP Goal 5 clean and green energy initiatives Alternative Fuel Vehicles.
 - Fleet workgroups – alternative fuels workgroup and hydrokinetic workgroup

NEW BUSINESS/OLD BUSINESS

- Starting to gather ideas for the 2013 Hearing. Talked about Alternative Fuel Vehicles.
- The Chairperson Joseph Constance called for motion to adjourn the meeting. Leonard Bielory made the motion to adjourn, seconded by Richard Opiekun. The meeting was adjourned at 11:30am.

ARTICLES OF INTEREST

News Articles

NEXT MEETING

November 14, 2012

PSE&G, Edison Training Center
234 Pierson Avenue, Conference Room #120
Edison, NJ 08837