

NEW JERSEY CLEAN AIR COUNCIL

<u>Clean Air Council Members</u> Allen Weston, Chair Maria Connolly, PP, AICP, Vice-Chair Leonard Bielory, M.D. Michael Egenton Timothy Fekete	<u>Clean Air Council Members</u> Toby Hanna, P.E. Stephen Milgrom Richard Opiekun, Ph.D. John Valeri Jr., Esq.
<u>Clean Air Council Liaison</u> George Berdomas, 609-940-5946 George.Berdomas@dep.nj.gov	<u>NJ Clean Air Council Website:</u> http://www.state.nj.us/dep/cleanair

New Jersey Clean Air Council Meeting Record

In-Person Meeting - 401 East State Street

Trenton, NJ 08625

Hybrid - Microsoft Teams Meeting

Wednesday, July 19, 2023

CALL TO ORDER

Allen Weston opened the meeting.

COUNCIL MEMBERS PRESENT

All Council members were present with the changes noted below.

ABSENT

EXCUSED

REPRESENTED

GENERAL PUBLIC ATTENDEES

Kim Scarborough, PSEG
 Robert Laumbach
 Sharon Brown

NJ DEP Staff

Francis Steitz
 George Berdomas
 Kenneth Ratzman
 Peg Hanna

Meeting Summary

- Allen Weston called to order and roll was taken.
- No update regarding the appointments for the CAC member appointments. Waiting for approval from Governor's Office.
- Council went over any pre-meet issues/concerns before the Commissioner comes to the meeting to present the 2023 CAC Hearing Report.
- Council presented the 2023 CAC Hearing Report to the Commissioner.
 - o Suggested prioritization of recommendations of the various endeavors.
 - o Need the air monitoring:
 - Only 4 stations and would like to expand this throughout New Jersey.
 - This will help with the modeling in providing the true data.
 - Low-Cost Monitoring with policy and creating a grant and/or ambassador program.
 - Communicating the data to the public.
 - Possibility of mobile monitoring.
 - o What can be done to help implement this to the public.
 - o Pilot to expand the stationary and mobile source monitoring. This is an evaluation of where the Department should expand.
 - o Commissioner Comments:
 - Identifying recommendations of expansion.
 - Is there a sequencing to completing this.
 - What is the concrete recommendation and why.
 - Expound upon slightly on the implementable measures of each section.
 - Recommendation of risk communication strategy.
 - Public Outreach Program
- Francis Steitz presented the Administrative Report.
- New Business/Old Business
 - o Still continuing in-person hybrid
 - o Gratification of the Chair/Vice Chair Nominations for September's CAC Meeting.
- Motion to approve minutes by John Valeri, seconded by Leonard Bielory and third by Allen Weston at 10:55 a.m.
- Motion to adjourn first by Allen Weston, second by Leonard Bielory and third by Richard Opiekun at 10:57 a.m.

Administrative Report

Presented by Francis Steitz, Director of Air Quality

1. **Air Toxics Website Updated with 2019 EPA Data:** The Bureau of Evaluation and Planning's [Air Toxics](#) website has been updated with EPA's AirToxScreen 2019 data. The update includes the sources of Air Toxics, Risk Analysis Results, and Diesel Emissions, allowing viewers to obtain the most recent available air toxics data for New Jersey based on county, pollutant, or source type. Of the 181 pollutants included in the nationwide AirToxScreen, 11 exceeded levels of concern in New Jersey, a decrease from 2018, when there were 14 pollutants of concern. The 2019 air toxics of concern are analyzed through health risk maps (by pollutant) and tables (by county and statewide) on the Risk Results page. Notably, the 2019 AirToxScreen indicates continued reduction of diesel health risk across the state.

2. **NJDEP Submits State Implementation Plan (SIP) Revision for the Maintenance of the 2006 24-hr 35µg/m³ National Ambient Air Quality Standards (NAAQS):** On July 6, 2023, the NJDEP submitted to USEPA a State Implementation Plan (SIP) Revision for the Maintenance of the 2006 24-hr 35µg/m³ National Ambient Air Quality Standards (NAAQS). This SIP revision is the second PM_{2.5} maintenance plan for the continued maintenance of the 2006 24-hour PM_{2.5} standard of 35 micrograms per cubic meter (µg/m³). The CAA Section 175A requires that eight years after redesignation of any area from nonattainment to attainment, states submit an additional revision of the SIP for maintaining the NAAQS for the ten years beyond the initial maintenance period. This second ten-year maintenance plan will cover the period from November 20, 2023, to November 20, 2033. The document demonstrates the significant improvement in PM_{2.5} air quality and shows that PM_{2.5} levels are currently well below the 24-hour 35 µg/m³ NAAQS.

3. **Transportation Electrification Scorecard:** The American Council for an Energy Efficient Economy, a nonprofit research group, issued a 2023 Transportation Electrification Scorecard [T2301.pdf \(aceee.org\)](#) which ranked NJ 7th behind CA, NY, CO, MA, VT & WA. This is an improvement from the last Transportation Scorecard in 2021 which ranked NJ 10th. The Scorecard evaluated states on their actions to support transportation electrification in the light-duty and heavy-duty sectors. States received points in the following policy areas, based on a 100-point scale:
 - Electric vehicle (EV) and EV charging infrastructure planning and goal setting (15 points total, NJ earned 9.5)
 - Incentives for EV deployment (36 points total, NJ earned 21.5)
 - Transportation system efficiency (17 points, NJ earned 6)
 - Grid optimization (9 points, NJ earned 7)
 - Transportation electrification metrics (23 points, NJ earned 9.5)

4. **NREL report on 2030 charging needs nationally and by state:** The National Renewable Energy Lab issued a new analysis [here](#) which estimates the number, type and location of chargers needed in 2030. While it's a national analysis, appendices provide state granularity. Among the conclusions:
 - Charging at or near home is foundational but must be complemented by reliable public fast charging. The analysis estimates that by 2030, 26 million ports are needed at home compared to 1 million public destination charging ports (e.g., office, retail) and 182,000 public fast charging ports (corridor and community).
 - The majority of the 182,000 public fast charging ports are for those without home charging, while the remainder serve ride hailing drivers and travelers.
 - The 2030 national public charging network will depend on evolving consumer behavior and will vary by community.
 - Supply and demand for charging should be closely monitored at the local level to not create prolonged periods of poor charger utilization which jeopardizes the financial viability of EVSE operators.
 - For NJ, assuming 820,000 EVs on the road in 2030, they estimate we need:
 - 664,000 private ports (616,000 single family residential ports, 36,000 multifamily residential ports and 12,000 workplace ports)
 - 25,000 public Level 2 ports
 - 3,100 public fast charging ports

5. **NJ Transit awarded \$47 million to prepare for electric buses:** The U.S. Department of Transportation's Federal Transit Administration (FTA) announced 130 awards totaling nearly \$1.7 billion from President Biden's Bipartisan Infrastructure Law for transit projects in 46 states and territories. New Jersey Transit was awarded \$47 million to modernize the Hilton Bus Garage for battery-electric buses, which will increase transit service to densely populated communities through improved vehicle deployment. The work will include electrification equipment and a worker training program.
6. **Board of Public Utilities Announcement:** On July 12, BPU announced Year 4 of its cash on the hood program for EVs (aka ChargeUp NJ) with lower reimbursement amounts than last year. BPU also re-opened the application window for the following three grant programs:
- \$15 million for EV charging stations at multi-unit dwellings;
 - \$8 million for EV charging at tourist locations;
 - \$12 million for EVs plus EV charging for government owned fleets (aka Clean Fleet program) including new eligibility for medium & heavy duty vehicles.
- Because these grant programs overlap with DEP's grant programs, and in some cases have different criteria or reimbursement amounts, we will update our statewide EV incentive sheet so that the public can more easily understand the various funding opportunities.

Clean Air Council FY22/23 Meeting Locations

MEETING DATES & LOCATIONS (tentative)

Meeting will be 9:30am – 12pm, every 3rd Wednesday of the month, unless otherwise noted.

September 20	Hybrid: Microsoft Teams & In-person
October 18	In-Person - NJ State of Commerce/Hybrid - Microsoft Teams
November 15	Hybrid: Microsoft Teams & In-person
December 20	IBEW – 299 Ward Street, East Windsor, NJ 08520