



CEEJAC QUARTERLY MEETING

JUNE 21, 2023

WELCOME AND INTRODUCTIONS



Chair, Commissioner Katie S. Dykes, Commissioner

Co-Chair, Mark Mitchell, MD, George Mason University

Introduce new members:

Terry R. Adams, Stamford

Yaw Darko, Hartford

Xochitl Garcia, New Haven

Robert Hotaling, Deputy Commissioner, CT Department of Economic & Community Development

Brandon McGee, Deputy Commissioner, CT Department of Housing

Ground rules

During the discussion, all participants should:

1. Listen respectfully, without interrupting.
2. Listen actively and with an ear to understanding others' views.
3. Only have one conversation at a time.
4. Be mindful to give others and opportunity to speak.
5. Focus on the task at hand rather than the position.
6. Avoid off-topic conversations.
7. Criticize ideas, not individuals.
8. Commit to learning, not debating.
9. Avoid blame, speculation, and inflammatory language.
10. Avoid assumptions about any member of the workgroup.

CEEJAC
Members

5 minutes

ROLL CALL

- **Dr. Mark Mitchell, MD, MPH**, Associate Professor, Climate Change, Energy, and Environmental Health Equity at George Mason University
- **Commissioner Katie Dykes**, CT DEEP
- **Terry Adams**, Stamford
- **Liany E. Arroyo**, MPH, Hartford
- **Dr. Albert Bailey Jr.**, Pastor, Shiloh Baptist Church- Hartford
- **Yaw Darko**, Hartford
- **Leticia Colon de Mejias**, Windsor, Energy Efficiency Solutions and Green Eco Warriors
- **Xiochitl Garcia**, New Haven
- **Adrienne Farrar Houel**, Greater Bridgeport Community Enterprises, Inc., Bridgeport
- **Theresa Hopkins-Staton**, President Eversource Energy Foundation, VP Corporate Citizenship and Equity

CEEJAC Members

- **Robert Hotaling**, CT Department of Economic & Community Development
- **Commissioner Manisha Juthani**, CT Department of Public Health
- **Kimberly Lesay**, Bureau Chief Policy and Planning, CT Department of Transportation
- **Sharon Lewis**, Executive Director, CT Coalition for Environmental Justice (CCEJ)
- **Taylor Mayes**, Black Environmental Activist Movement (BEAM), Hamden
- **Brandon L. McGee, Jr.**, CT Department of Housing
- **Cierra Patrick**, Economic Development Specialist, City of Groton
- **Alex Rodriguez**, Climate Advocate, Save the Sound
- **Yolanda Stinson**, Organizer, Bridgeport
- **Maisa Tisdale**, The Mary and Eliza Freeman Center for History and Community, Bridgeport

Legislative Updates

10 minutes

Environmental Justice Senate Bill No. 1147

- *Annie Decker, Chief of Planning, Legal & Regulatory Affairs*
- *Alex Rodriguez, Environmental Justice Specialist, Save the Sound*
- *Other legislation stakeholders*

Waste
Legislative
Updates:
10 minutes

Waste Subcommittee's Extended Producer Responsibility Packaging:

Members: *Sharon Lewis (co-chair); Adrienne Farrar Houël (co-chair); Rev. Dr. Albert Bailey Jr.; Yolanda L. Stinson*

Report out: *James Albis, Director of Planning, Bureau of Materials Management and Compliance Assurance*

Discussion: *Sharon Lewis and Adrienne Farrar Houël, Chair*

Waste Subcommittee Discussion

10 minutes

HB 6664: Original Governor's Bill

Introduced to put forward solutions to reduce the amount of waste CT ships out of state for disposal: about 860,000 tons per year. The proposal included:

- Extended Producer Responsibility for Packaging (would divert up to 190,000 tons per year and save municipalities \$50 million annually)
- Strengthen food scraps collection laws (would divert up to 185,000 tons per year) by requiring institutions (e.g., universities, hospitals) to separate food scraps and providing universal access for source separated food scraps collection to residents and businesses
- RFP for infrastructure
- Expand and increase the solid waste assessment and use proceeds to fund municipal food scraps collection program start-up costs and backstop infrastructure bonds
- Recycled content standards for plastic beverage containers
- Transition and dissolve MIRA Board to facilitate remediation and redevelopment of Hartford property

Waste Subcommittee Discussion

10 minutes

HB 6664: What Passed?

The legislature made significant changes to HB 6664 before it passed.

Remained:

- Institutions required to separate food scraps
- Recycled content standards for plastic beverage containers

Removed:

- EPR for Packaging
- Universal access requirement for food scraps collection
- Changes to the solid waste assessment

Changed:

- RFP for infrastructure remained but was narrowed
- MIRA transition board makeup adjusted
- Provision added to increase Class II ACP price

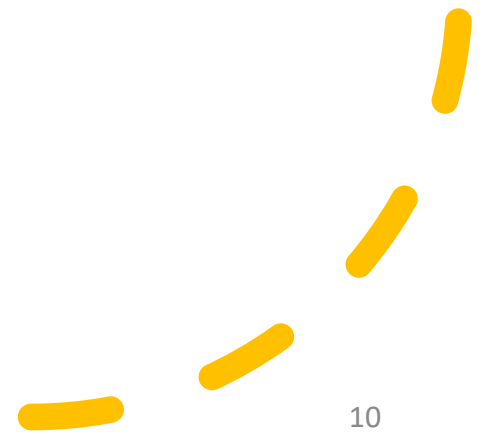


CEEJAC

Connecticut Equity
and Environmental
Justice Advisory Council

5 minutes

Other Legislation



Other legislation



▶ Bills that passed:

- ▶ **SB 896** An Act Concerning Tree Removal On Properties Under The Control Of The Department Of Energy And Environmental Protection.
- ▶ **HB 6853** An Act Concerning Funding For Microgrids, Resilience And State Agency Building Decarbonization Projects.
- ▶ **HB 6486** An Act Concerning Extended Producer Responsibility For Tires.

Other legislation



▶ **Budget Items:**

- ▶ \$500k in ARPA funding to support expansion of tree planting and foresting in EJ communities and tracts
- ▶ \$2 million to continue infrastructure projects on reservations for the three state recognized tribes

▶ **Bond Items:**

- ▶ \$125 million in new bonding in each year for Multi Family Retrofitting Projects in Environmental Justice Communities
- ▶ \$5 million in new bonding for clean-up of contaminated sites in urban areas
- ▶ \$30 million in new bonding for microgrids over two years
- ▶ \$20 million for matching funds for EPA clean school bus grant program

Water Subcommittee Discussion

10 minutes

Water Subcommittee's Combined Sewer Overflow Challenges Presentation on November 29:

Members: *Cierra Patrick (co-chair); Sharon Lewis;
Maisa L. Tisdale*

Report out: *Graham Stevens, Bureau Chief, Water
Protection & Land Use*

Discussion: *Cierra Patrick, Chair*

Combined Sewer Challenges – Hartford North End

- November 2022: Hartford North End flooding issues raised as part of the CEEJAC meeting
- February 2023: DEEP and U.S. EPA attend a public meeting to hear from the community
- March 2023: DEEP sends a letter to MDC seeking submission of an action plan for the North End of Hartford that protects the community and water quality
- March-May 2023: DEEP and MDC meet to review MDC's plan for projects that will expedite relief for the community without increasing sewer rates

Air & Transportation

10 minutes

Air & Transportation Subcommittee DEEP's GMAP Launch and other priorities for 2023:

Paul Farrell, Acting Bureau Chief, Air Management

*Pete Babich, Assistant Director, Air Planning & Standards
Division*

*Discussion: Chair, Alex Rodriguez, Environmental
Justice Specialist, Save the Sound*

AIR AND TRANSPORTATION UPDATE



GMAP

GMAP is the use of fast-response instruments and precise GPS on a mobile platform to spatiotemporally resolve air pollution patterns in a variety of use scenarios

GMAP is capable of measuring concentrations of 16 air pollutants and taking ambient air samples

- Criteria, toxics, GHGs

GMAP will fill the gap between DEEP's ambient air monitoring network and source emission testing program (i.e., stack testing)



Duvas DV3000

- Benzene
- Toluene
- Ethylbenzene
- m-, o-, and p-Xylene
- Nitrogen oxide
- Nitrogen dioxide
- Sulfur dioxide
- Ozone
- Formaldehyde
- Styrene
- Ammonia
- 1,3-butadiene

Picarro G2301

- Carbon dioxide
- Methane
- Water vapor

Magee Scientific AE33

- Black carbon

Teledyne T640 PM Mass Monitor

- PM10
- PM2.5

ION Science PID

- Total VOC, as isobutylene*

AIRMAR Ultrasonic Weatherstation 200WX

- Wind speed
- Wind direction
- Barometric pressure
- Air temperature
- Relative humidity
- Dew point (calc.)
- Heat index (calc.)
- Wind chill temperature (calc.)

*On an as-needed basis, will be able to draw Summa canister samples and analyze for individual constituents via GC/MS

Why GMAP?

- Identify and address sources of air pollution that have gone undetected using traditional source identification techniques
- Target/prioritize inspections and investigations using fenceline and intra-facility GMAP “screening” data
- Better understand permitted sources’ fenceline impacts and fugitive emissions
- Enhance understanding of emissions/exposure in EJ/overburdened communities
- Investigate other air quality questions/concerns



NEXT STEPS IN GMAP PROGRAM

Public launch held on May 1, 2023, at Anna E. Norris Elementary in East Hartford

Have already used the GMAP in response to public complaints regarding air quality

First targeted surveillance project will be in Hartford and East Hartford in summer 2023

Will be noticing a public meeting in the next few weeks to get feedback from community members on areas/sources of concern, where they would like monitoring to be conducted, etc.

We would also like to attend community-based environmental meetings, beginning in Hartford and East Hartford – please invite us! Contact us - lakisha.stephenson@ct.gov

Connecticut eBike Incentive Program: Webinar for Retailers and Residents

Thursday, June 22, 2023



Agenda

- Program Overview
- How to Become a Participating eBike Retailer
- Eligible eBikes Information
- Voucher and Voucher+ Eligibility
- Application Process
- Participating eBike Retailer Voucher Redemption Process
- Other Important Information



6/22/23

2

OTHER AIR UPDATES

- The new e-bike voucher program is launching June 28th
- Sign up for the webinar! Go to the Riding Towards Sustainability: Connecticut eBike Voucher Webinar: [Landing Page \(energycenter.org\)](https://energycenter.org)
- New EV vouchers for low to moderate income residents

CHEAPR has EVolved!

Effective March 29, 2023, the CHEAPR program is evolving to a point-of-sale (POS) rebate for CHEAPR Standard, Rebate+ New, and Rebate+ Used! You will now be able to receive your CHEAPR rebate at the dealer.

Note: Rebate+ Used will be both a point-of-sale (receive at dealership) and a post-purchase rebate going forward.

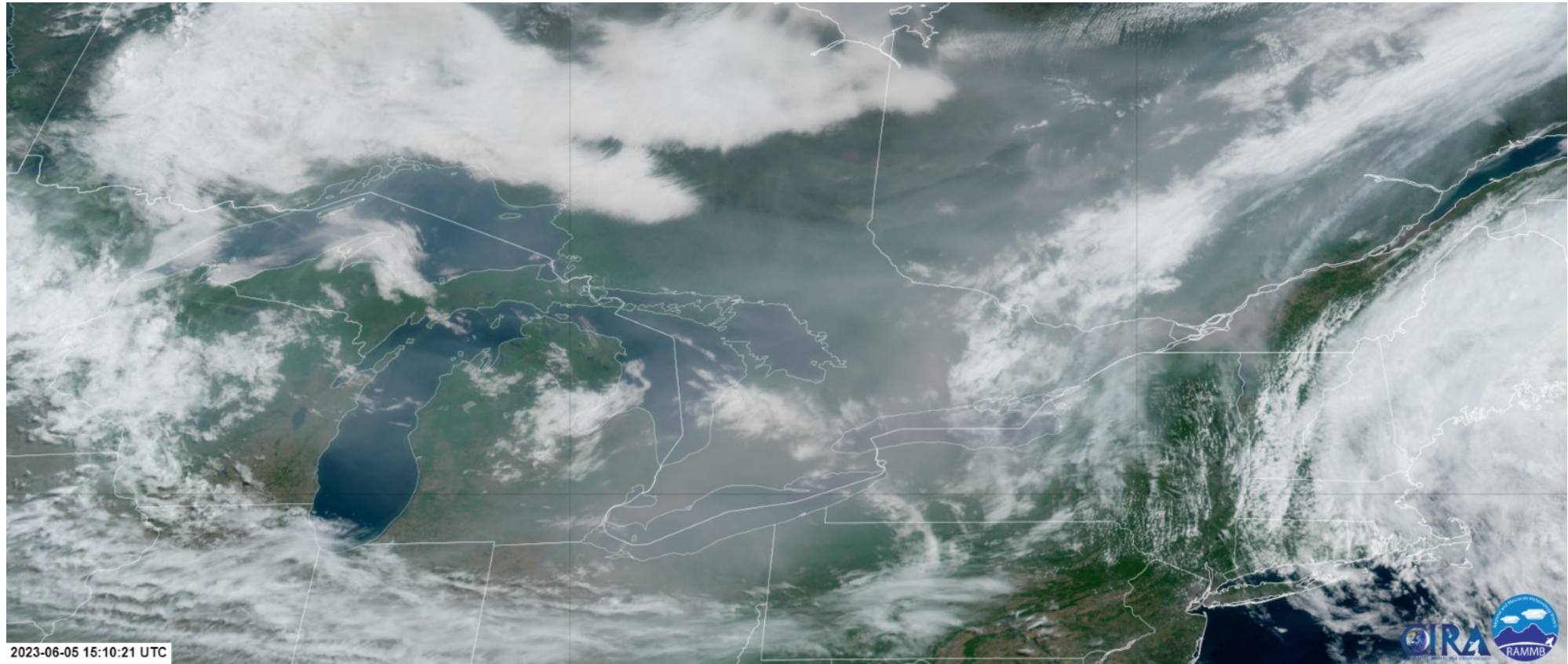
Before March 29

Rebate+: <20

After March 29

Rebate+: >50

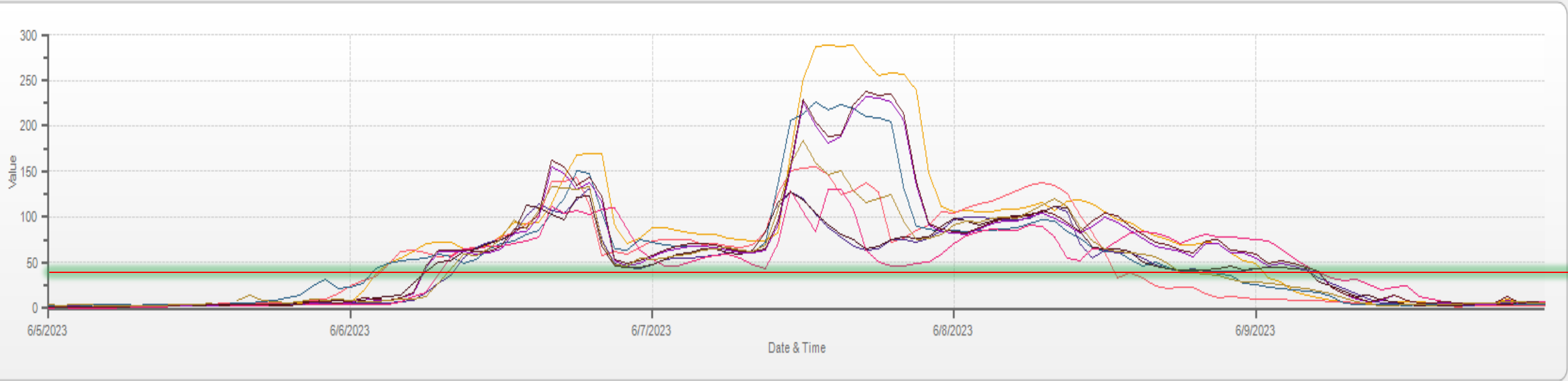
JUNE 5-9 WILDFIRE SMOKE EVENT



Satellite image - June 5th approximately 10:15 AM

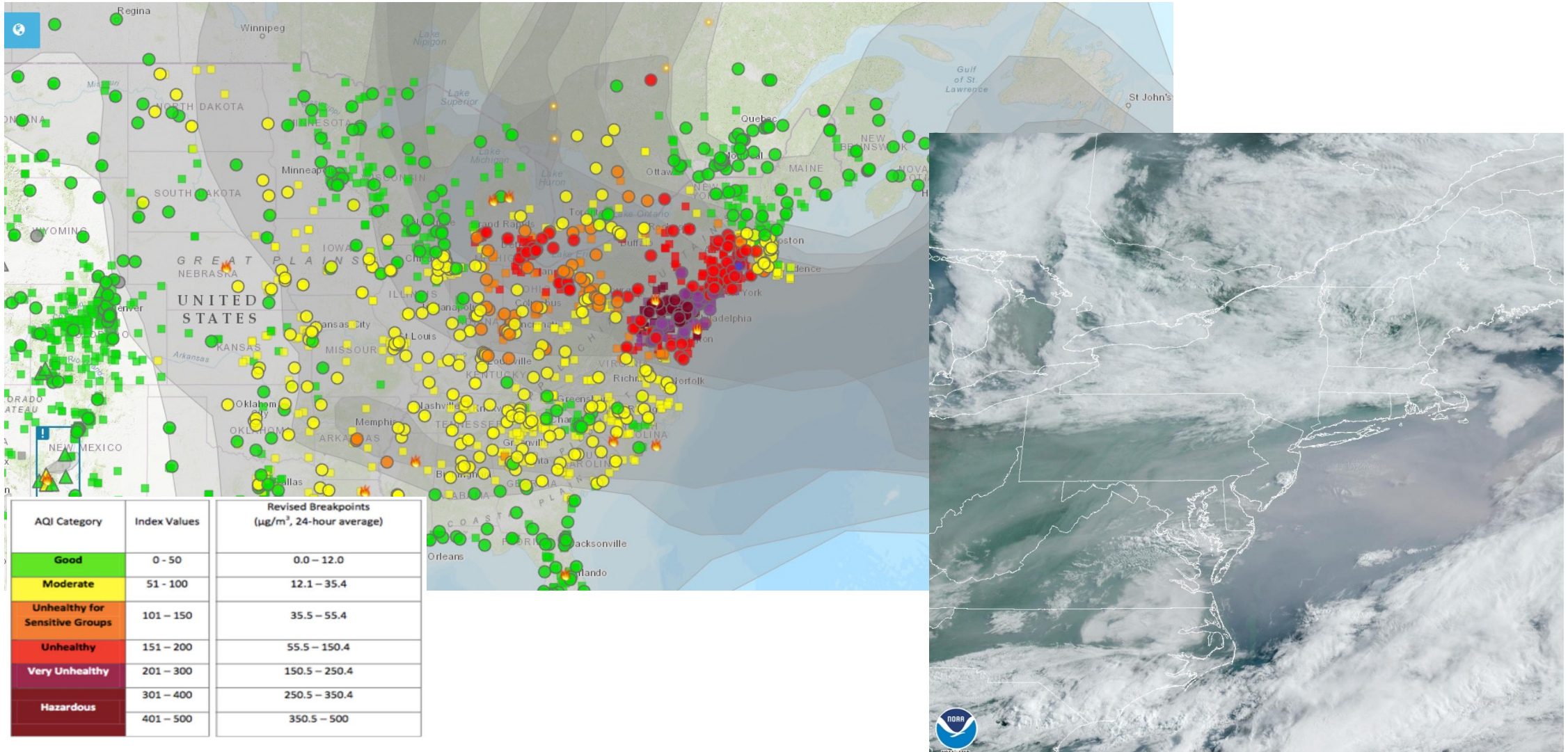
FINE PARTICULATE LEVELS FROM JUNE 5-9, 2023 (1-HR)

Group: PM25_Cont Periodically: 6/5/2023 12:00 AM-6/9/2023 11:00 PM Type: AVG 1 Hr.



- Bridgeport-Roosevelt School(T640_PM25 [ug/m3 LC])
- Cornwall-Mohawk Mountain(T640_PM25 [ug/m3 LC])
- Danbury-Western CT. State Univ(T640_PM25 [ug/m3 LC])
- East Hartford-McAuliffe Park(T640_PM25 [ug/m3 LC])
- Groton-Fort Griswold(T640_PM25 [ug/m3 LC])
- Hartford- Huntley Place(T640_PM25 [ug/m3 LC])
- New Haven-Crisuolo Park(T640_PM25 [ug/m3 LC])
- New Haven-Crisuolo Park(T640C_PM25 [ug/m3 LC])
- Waterbury-Meadow & Bank Street(T640_PM25 [ug/m3 LC])

EPA FIRE AND SMOKE MAP & SAT IMAGE – JUNE 8, 2023, 8:00 AM



JUNE 7, 2023 24-HR PM2.5 LEVELS

Date (LST)	Site AQS	Site	24-hr PM2.5
6/7/2023	90010010	Bridgeport	166.6
6/7/2023	90011123	Danbury	130.5
6/7/2023	90090027	New Haven	128.8
6/7/2023	90050005	Cornwall	100.5
6/7/2023	90092123	Waterbury	97.5
6/7/2023	90030025	Hartford	77.6
6/7/2023	90031003	East Hartford	74.9
6/7/2023	90110124	Groton	68.3



Date (LST)	Site AQS	Site	24-hr PM2.5	Date (LST)	Site AQS	Site	24-hr PM2.5
6/7/2023	420950025	Freemansburg	258.9	6/7/2023	340390004	Elizabeth Trail	153.2
6/7/2023	420770004	Allentown	243.7	6/7/2023	360850111	Fresh Kills	152.4
6/7/2023	420710012	Lancaster DW	235.4	6/7/2023	340392003	Rahway PM	150.5
6/7/2023	420692006	Scranton	217.7	6/7/2023	420710007	Lancaster	149.8
6/7/2023	420110011	Reading Airport	212.6	6/7/2023	100031007	LUMS 2	141.1
6/7/2023	421010048	NEW	211.1	6/7/2023	340070002	Camden Spruce S	137.4
6/7/2023	420910013	Norristown	209.6	6/7/2023	360810125	Queens Near-roa	132.7
6/7/2023	360810124	Queens	203.5	6/7/2023	240396431	Princess Anne	131.6
6/7/2023	420450002	Chester	195.8	6/7/2023	90011123	Danbury	130.5
6/7/2023	420450109	Marcus Hook	190.3	6/7/2023	420410101	Carlisle	129.6
6/7/2023	420750101	Lebanon	189.7	6/7/2023	IS143	Manhattan	128.9
6/7/2023	340292002	Toms River	188.6	6/7/2023	90090027	New Haven	128.8
6/7/2023	360050110	Bronx - IS52	182.8	6/7/2023	100051002	SEAFORD	128
6/7/2023	360671015	E Syracuse	182.6	6/7/2023	340010006	Brigantine	124.3
6/7/2023	361010003	Pinnacle State	180.9	6/7/2023	420270100	State College	124.3
6/7/2023	100032004	MLK	178.8	6/7/2023	100010002	KILLENS	124
6/7/2023	360470118	Bklyn - PS274	173.7	6/7/2023	340310005	Paterson	123.4
6/7/2023	360470052	Bklyn - PS 314	173.6	6/7/2023	421330008	York	123.2
6/7/2023	340210008	Trenton	172	6/7/2023	340410007	Columbia	122.3
6/7/2023	100031012	Newark	168	6/7/2023	361192004	White Plains	120.9
6/7/2023	90010010	Bridgeport	166.6	6/7/2023	360870005	Rockland Cty	120.8
6/7/2023	420290100	New Garden	163.2	6/7/2023	340030010	Fort Lee Near R	120.6
6/7/2023	100031008	Rte 9 Del. City	162.8	6/7/2023	361030009	Holtsville	118.8
6/7/2023	360050112	Bronx - IS74	161.6	6/7/2023	360050080	Morrisania	116.8
6/7/2023	420430401	Harrisburg	157	6/7/2023	360850055	Port Richmond	115.5

Next Steps for Subcommittees 10 minutes

- Air & Transportation
- Waste
- Water
- Energy Subcommittee
- Land





Comments & Announcements 20 minutes

- CEEJAC Members
- DEEP





Update: 5 minutes


CT EJ Screen *Mapping* Tool
Edith Pestana

- Public Comment & Webinar: July 10, 2023
- Webinar by Yaprak Onat, Ph.D, PE,
Associate Director of Research, CT Institute
for Climate Resilience and Adaptation,
UCONN
- Webinar information: TBA



Public Comment

20 minutes

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- CEEJAC Quarterly Meeting Schedule 2023:
 - September 20 & December 13
 - Time: 5:30 pm to 7:30 pm



Thank you!

**Connecticut Equity and
Environmental Justice Advisory
Council (CEEJAC)**

Wednesday June 21, 2023