

APPENDIX: STAFF EXPERTISE

Peg Hanna and Melissa Evanego, working in NJDEP's Division of Climate Change Mitigation and Monitoring, have spent approximately two decades successfully administering grant programs that reduce criteria air pollutants and greenhouse gases. As such, the Division, led by Peg and Melissa, is well positioned to ensure that this project is successfully launched, key scheduled milestones are met, and funds are obligated and expended on time.

Beginning in the mid-2000s, NJDEP began funding projects which included the installation of aftermarket emission reduction devices on marine port non-road equipment and on garbage trucks and school buses. In 2011, then Governor Chris Christie signed Executive Order 60, which directed NJDEP to install 175 retrofit devices on non-road construction equipment over a three-year period of time. As technology evolved, retrofit devices were no longer a feasible emission reduction strategy and NJDEP began using grant funds to incentivize equipment and vehicle turnover. NJDEP has administered over \$35 million in federal funds on transportation projects (as shown in the table below). The majority of the federal funds were obtained through competitive solicitations.

US EPA Diesel Emission Reduction Act Funding	
Non-road retrofits and replacements	\$1,981,351
Non-road electrification	\$560,154
Marine repowers	\$3,487,861
On-road electric refrigeration trucks	\$355,458
TOTAL	\$6,384,824
US FHWA/DOT Congestion Mitigation Air Quality Funding	
Non-road replacements	\$9,191,141
It Pay\$ to Plug In	\$8,956,277
Idle Reduction program	\$4,203,300
Marine repowers	\$6,464,359
eMobility	\$300,000
TOTAL	\$29,115,077
GRAND TOTAL	\$35,499,901

In addition, as shown below, NJDEP has successfully administered \$246 million in state and settlement funds to install Level 1, Level 2, and DC Fast Charging stations; modernize existing fleet equipment/vehicles; electrify medium- and heavy-duty vehicles; electrify marine port and airport equipment; and repower marine vessels.

Volkswagen Settlement Funds	
Transit & School Bus Electrification	\$17,654,610
Port Electrification	\$18,452,598
Truck Electrification	\$19,075,351
Airport Ground Support Equipment Electrification	\$8,241,303
Marine Repowers	\$1,167,000
It Pay\$ to Plug In (EV charging stations)	\$10,830,000
TOTAL	\$75,420,862
RGGI and State Funding	
Medium & Heavy-Duty Vehicle Electrification	\$157,253,021
It Pay\$ to Plug In (EV charging)	\$13,977,079
TOTAL	\$171,230,100
GRAND TOTAL	\$246,650,962

Peg Hanna

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Summary of qualifications

Thirty-one years' experience developing policies and programs and leading staff to improve air quality, mitigate climate change, and protect health through a unique combination of collaboration, science, requirements and incentives. Deep relationships with government, environmental advocates, and industry which have enabled me to develop and achieve ambitious goals by setting realistic milestones, then communicating and collaborating to get to the finish line. My ability to create a vision and see it through to planning and implementation is evidenced by the policies and regulations that I've developed, and the numerous strategic plans I've coauthored to achieve on the ground quantifiable improvements in air quality and mitigation of climate change. The depth and breadth of my experience is moving the State towards decarbonization of all sectors.

Education

BACHELOR OF SCIENCE | MAY 1991 | UNIVERSITY OF SCRANTON

- Major: Biology
- Minor: English

Experience

DIRECTOR, DIVISION OF CLIMATE CHANGE MITIGATION AND MONITORING 2023 TO CURRENT

- Oversee multi sector climate mitigation and clean energy policies and programs within DEP and with the NJ Board of Public Utilities, the NJ Economic Development Authority, and other State agencies, including transportation decarbonization, building decarbonization, and renewable energy.
- Lead the development of greenhouse gas mitigation strategic planning documents including the Climate Pollution Reduction Grant program, the Regional Greenhouse Gas Initiative Strategic Funding Plans, and the Global Warming Response Act 80x50 progress report.
- Compete for and implement federal grants to deliver on the ground greenhouse gas reductions in overburdened communities.
- Develop programs that ensure equitable access to clean transportation and green jobs by residents of low and moderate income communities.

ASSISTANT DIRECTOR, AIR MONITORING AND MOBILE SOURCES, NJDEP 2015 TO 2023

- Developed and clearly communicated priorities, goals, and budgets for 49 staff across two Bureaus and providing leadership to ensure success.
- Leveraged established relationships with stakeholders to plan and implement numerous climate mitigation projects, including nearly \$150 million in funding for transportation decarbonization.
- Strategically navigated policies on an interagency workgroup led by Governor's Office to transform the transportation sector to a zero-carbon footprint.

- Used extensive experience with stakeholdering and collaboration to co-author numerous policy, strategic, regulatory and legislative documents including a multi-state truck electrification action plan; the transportation chapter of NJ's Energy Master Plan; the Electric Vehicle law (P.L. 2019, c. 365); the Model Ordinance law (P.L. 2021, c.171); the School Bus Pilot law (P.L. 2022, c. 86); and the Advanced Clean Truck regulation.
- Developed community science program with low-cost air sensors to provide residents with easily accessible tools to get information about local air quality.

CHIEF, BUREAU OF MOBILE SOURCES, NJDEP 2007-2015

- Provided leadership for 20 staff in the Bureau to achieve improvements in air quality by reducing air pollution from transportation.
- Managed implementation of the Zero Emission Vehicle regulation, Mandatory Diesel Retrofit regulation, and the State's vehicle inspection and maintenance programs to achieve criteria pollutant and greenhouse gas reductions.
- Developed strategies and led stakeholder discussions to reduce emissions from NJ ports including via the innovative use of air quality modeling.
- Co-authored Port Authority of NY/NJ's Clean Air Strategy Plan and a regional zero emission vehicle action plan.
- Created It Pay\$ to Plug In, the state's first grant program for electric vehicle charging stations, awarding \$10 million to date for nearly 2000 charging stations.
- Advanced unique public outreach campaigns to reduce idling including an inaugural air quality billboard campaign.

SUPERVISING ENVIRONMENTAL SPECIALIST, DIESEL RISK REDUCTION PROGRAM, NJDEP 2006-2007

- Curated and staffed new Diesel Risk Reduction program to implement a law requiring tailpipe controls on diesel vehicles to reduce harmful levels of diesel particulates using \$100 million in Corporate Business Tax funding.
- Developed and implemented over \$10 million worth of voluntary projects to reduce emissions from diesel vehicles.

SUPERVISING ENVIRONMENTAL SPECIALIST, OFFICE OF THE ASSISTANT COMMISSIONER FOR ENVIRONMENTAL REGULATION, NJDEP 2005-2006

- Testified at legislative committee meetings and assisted in drafting law (P.L. 2005, c. 219) to reduce particulate emissions from diesel vehicles. Conducted non-partisan education of voters regarding associated constitutional amendment to re-direct Corporate Business Tax funds to the new program.
- In partnership with Compliance and Enforcement, launched an incentive based anti-idling campaign for school buses, trucks, and charter buses including installation of the state's first truck stop electrification site

**SUPERVISING ENVIRONMENTAL SPECIALIST, OFFICE OF THE ASSISTANT COMMISSIONER
FOR COMPLIANCE & ENFORCEMENT, NJDEP
2002-2005**

- Developed supplemental environmental project rule which allowed a regulated entity to perform an environmentally beneficial project as part of settlement.
- Worked with industry and environmental representatives to design a self-disclosure rule to encourage facilities to voluntarily report and correct violations in exchange for penalty reductions.
- Represented all NJDEP enforcement programs on various department- wide committees including the rule writers' workgroup, the environmental justice workgroup and the National Environmental Performance Partnership committee.

**SUPERVISING ENVIRONMENTAL SPECIALIST, OFFICE OF THE DEPUTY COMMISSIONER,
NJDEP
2000-2001**

- Advised Deputy Commissioner on documents, rules and legal matters related to Site Remediation, Enforcement, and Environmental Regulation programs.
- Coordinated with Division of Law on several high-profile enforcement investigations involving air quality and environmental justice issues.
- Supervised Referral Unit which assigned, processed and tracked the Department's responses to incoming correspondence addressed to the Commissioner.

**SENIOR AND PRINCIPAL ENVIRONMENTAL SPECIALIST, AIR COMPLIANCE AND
ENFORCEMENT, NJDEP
1991-2000**

- Developed and implemented policies, procedures and regulations related to air, water, waste, land use, pesticides and release prevention enforcement programs.
- Compiled and communicated cross program enforcement statistics for the press, the public and the Office of Management and Budget.
- Launched and managed Greenstart, an innovative, voluntary, on-site compliance assistance program for small businesses and municipalities.
- Developed Open Market Emissions Trading program in collaboration with USEPA, industry and other states.
- Negotiated settlements and motivated compliance with the State's air pollution control regulations.

Leadership highlights

- Actively coordinating NJDEP's mission for vehicle emission reductions across sister agencies such as BPU, DCA, EDA, and the Governor's Office, based on valuable relationships and reputation in those organizations.
- Served two, 3-year terms on the USEPA Mobile Source Technical Review Subcommittee.
- Member of the Port Authority of NY/NJ's Clean Air Strategy Steering Committee.
- Actively participated on Ozone Transport Commission Mobile Source Committee, Northeast Diesel Collaborative Steering Committee, numerous NESCAUM and MARAMA transportation related

workgroups, NJDEP's Environmental Justice Advisory Committee workgroups, and the Camden Collaborative Initiative.

- Co-chairing Georgetown's Clean Vehicle and Fuels Workgroup and NESCAUM's auto dealers' workgroup.

References available upon request

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Skills

Strong Interpersonal/Team
Building Skills

Staff Management

Strategic Planning

Project/Contract
Management

Financial Management

Operations Management

Accomplishments

- ✓ Created NJ's
Tampering Program
- ✓ Litigation against the
largest vehicle
auction house

Forward-thinking manager with 16 years of project management experience in reducing emissions from the transportation sector. Documented strengths in building and maintaining relationships with diverse range of stakeholders in dynamic, fast-paced settings. Dedicated to promoting an engaging empowering work atmosphere.

Work History

2017-

Current

Bureau Chief

NJ DEP - Bureau of Mobile Sources

- Formulate and implement long-range plans for transportation emission reduction programs.
- Manage the Bureau's \$4M budget.
- Manage The Enhanced Inspection & Maintenance Program jointly with MVC.
- Created NJ's Tamping Program.
- Manage NJ's Anti-Idling Program.
- Manage > \$285M in transportation grant programs.
- Collaborate in mobile source rulemaking.
- Manage NJ's most successful electric vehicle charging station grant program.
- Collaborate with other federal/state agencies and regional organizations on transportation priorities.
- Manage NJ's electric vehicle and Anti-Idling public education & outreach programs.

2008 - 2017

Supervising Environmental Specialist

NJ DEP- Bureau of Mobile Sources

- Managed NJ's Diesel & Bus Inspection Program
- Managed \$46M in diesel grant programs.
- Responsible for implementing Executive Order 60

2003 – 2008

Principal Environmental Specialist

NJ DEP- Bureau of Air Quality Planning

- Major Point Source Emission Inventory
- State Implementation Plans
- Formulated and implemented long-range plans for stationary source emission reductions.

2001 - 2003

Senior Environmental Specialist

✓ Administer millions of dollars in grant funds

NJ DEP - Bureau of Air Quality Planning

- 7:27-19 Control of Nitrogen Oxides Rulemaking
- NJEMS/Business Objects Report Writing
- Inventory data conversion from FOXPRO to Business Objects

1998 - 2001

Environmental Specialist

NJ DEP - Bureau of Air Quality Planning

- QA/QC of Emission Statement Program
- Aided in the Point Source Inventory

1996 - 1998

Sanitarian

Interstate Sanitation Commission, NY

- Interpreted test data to determine whether contamination existed in accordance with environmental laws.
- Performed water sampling at wastewater treatment facilities to ensure compliance.

Education

Bachelor of Science: Environmental Science
Minors; Biology, Chemistry, Physical Engineering
Wesley College - Dover, DE

Acknowledgement/Technical Training

MARAMA Outstanding Service Award for 2022

Environmental and Occupational Health Sciences Institute (EOHSI)
Rutgers Air Compliance Center Training

- Level I – Overview of the Clean Air Act Amendment 1990
- Level II – Continuous Emissions Monitoring Systems
- Level II – VOC Sampling and Analysis
- Level III – Combustion Source Inspection
- Level III – General VOC Source Regulation & Inspection
- Level III – VOC Fugitive Emissions
- Level IV – NOx Emissions Control
- Visible Emissions Evaluation Certification