

Northeast Clean Ports Workshop

Successful Strategies and Funding to Reduce Diesel Emissions at Ports
February 1, 2006

Presenter Biographies

Welcome and Introductions

Debbi Edelstein

**Manager, Northeast Diesel Collaborative
Northeast States for Coordinated Air Use Management**

Debbi Edelstein is the manager of the Northeast Diesel Collaborative and of NESCAUM's Clean Air Communities program. Before joining NESCAUM, she held positions focused on the conservation of land and water resources. Most recently, she was a Vice President of the National Audubon Society and served as Audubon's Executive Director in the state of Washington. In her previous position at The Trustees of Reservations, which is the nation's oldest regional land trust, she was instrumental in creating the 14,000-acre Southeastern Massachusetts Bioserve. Debbi has also served as the Executive Director of a watershed organization in Massachusetts and as a consultant in environmental planning and communications.

Tom Valleau

**Executive Director
North Atlantic Ports Association**

Mr. Valleau has served as executive director of the North Atlantic Ports Association, Inc., since 1998. From 1980 to 1998 he was the director of the seaport and airport department of the City of Portland, Maine. In this capacity, he specialized in containerized cargo operations, cruise line activity and ocean-going ferry services between the US and Canada.

Keynote Address – Air Quality at Ports Today and Moving Forward

Alan J. Steinberg

**Regional Administrator
United States Environmental Protection Agency, Region II**

Alan J. Steinberg was sworn in as Regional Administrator of the U.S. Environmental Protection Agency, Region 2 on September 7, 2005.

In cooperation with state and regional authorities in New Jersey, New York, Puerto Rico, the U.S. Virgin Islands and seven federally recognized Indian Nations, Region 2 administers federal programs governing air and water pollution, industrial discharges, toxic substances, pesticides, protection of streams, rivers, lakes and oceans, solid and hazardous wastes, the cleanup of chemical spills and abandoned hazardous waste sites.

Prior to his EPA appointment, Mr. Steinberg was Regional Advocate, Region 2, for the federal government's Small Business Administration. He served as the Executive Director of the New Jersey Meadowlands Commission, was a member of the New Jersey Executive Commission on Ethical Standards, worked for the New Jersey Department of Commerce and Economic Development as an Assistant Commissioner, and acted as Senior Policy Advisor in the New Jersey Assembly Majority Office.

He worked as legal counsel for a number of corporations including Stage II Apparel, Gruen Marketing Corporation, Russ Berrie and Company and Block Drug. He began his legal career in the U.S. Navy, serving as a lieutenant in the Judge Advocate General's Corps.

Mr. Steinberg received his bachelor's degree from Northwestern University, J.D. degree from the University of Wisconsin Law School and a Master of Laws in Taxation degree from Temple University Law School. He and his family reside in West Orange, New Jersey.

Strategies to Reduce Diesel Emissions at Ports

Panel Speaker/Chair

Bruce Anderson

Principle

STARCREST

Bruce Anderson is a founding Principal of Starcrest Consulting Group which was established in 1997. He is the Director of Air Quality and has focused the Group on air quality issues associated with Ports, the Maritime Industry, the Construction Industry, and other nonroad related sources. For over the past nine years the company has been working closely with Port Authorities in the areas of emissions inventories, general conformity, air quality planning, emission reduction technologies assessments and strategy, agency negotiations & facilitation, future air quality planning & strategies, air quality mitigation planning, and policy strategy. The company clients include the USACE – New York District, Port Authority of New York & New Jersey, Port of Los Angeles, Port of Long Beach, Port of Seattle, Port of Tacoma, Port of Houston, Port of Everett, among others.

Port Strategies Relative to Air Quality Improvement

Robert Kanter

Director of Planning and Environmental Affairs

Port of Long Beach

With more than 30 years of experience, Dr. Robert G. Kanter is the Director of Planning and Environmental affairs for the Port of Long Beach. As director, Dr. Kanter guides the port's environmental, transportation, and master land use planning divisions. He coordinates short- and long-range land-use planning with an eye toward forecasted trends in international trade and commerce.

Dr. Kanter's responsibilities include development of policies and plans for truck, rail, and transportation infrastructure improvements that are required to meet the demands created by increasing international trade. He is also responsible for developing port environmental policies, ensuring that the port is in compliance with existing environmental regulations, and planning for future requirements.

In addition to working on legislative issues related to port planning and the environment, Dr. Kanter serves as the California ports' representative on Federal, State, and local Advisory Committees. He has served as a member of several environmental committees including the South Coast Air Quality Management District AQMP Advisory Committee; Restoration Advisory Board for Long Beach Naval Complex; National and State Invasive Species Advisory Committees; California Advisory Committee on Enclosed Bays and Estuaries and Inland Surface Waters; National Academy of Science Advisory Committee on Coastal Science Policy; and the National Research Council Advisory Committee on Ecosystem Health and Research.

Harbor Air Mitigation Plan for the Channel Deepening Project

Leonard Houston

Chief, Environmental Branch

United States Army Corps of Engineers

Current Duties: Supervise branch consisting of over 30 scientists and engineers in fields ranging from biology, oceanography, physical science, archeology, geography and environmental engineering. Branch itself is charged with providing a diverse range of environmental review/recommendations for

Corps Civil Works program in areas as diverse as: Clean Air Act conformity, Water Quality certification, environmental assessments, mitigation and restoration planning, cultural resource documentations and Geographical Informational Systems analyses. Mr. Houston has had 25 plus years with the agency. Mr. Houston received a Bachelor of Science in Biology from Brooklyn College and a Masters in Marine Science from Long Island University.

New Jersey Diesel Risk Reduction Team – A Successful Outreach Approach

Peg Hanna

Manager, Diesel Risk Reduction Program

New Jersey Department of Environmental Protection

For the past two years, Peg Hanna has been the Department's leader and spokesperson on diesel issues. Her latest accomplishment has been to shepherd diesel legislation through the myriad of competing interests to have it signed by Governor Codey in September 2005, and to have a constitutional amendment subsequently adopted that provides funding for the program. Other diesel accomplishments include installation of the state's first truckstop electrification site in south Jersey and raising awareness of the state's 3 minute idling law through outreach and enforcement activities.

Prior to that, she worked in the Compliance and Enforcement arena for 13 years using her skills at developing partnerships to implement regulations on Supplemental Environmental Projects and self-disclosure.

Conducting an Effective Emissions Inventory

Joe Monaco

Environmental Project Manager

The Port Authority of New York and New Jersey

Joseph Monaco joined the Port Authority of New York and New Jersey in February 1985. As one of the Port Commerce Department's principal environmental professionals, he serves as the primary environmental technical reviewer for tenant construction project applications. He is also the liaison between the Port Authority of New York and New Jersey and its marine terminal tenants relative to voluntary environmental initiatives. He represents the Port Authority nationally on the American Association of Port Authority's Harbors, Navigation & Environment Committee and its Air Quality Workgroup. He also participates in US EPA's Diesel Retrofit Workgroup, which explores federal funding opportunities and available technologies for port air quality improvements and serves as the chief auditor for the Port Commerce Department's new Environmental Management System.

Prior to working for the Port Commerce Department, Mr. Monaco represented the Port Authority's Chief Engineer, obtaining regulatory approvals for dredging and waterfront development projects. He formerly worked for the New York City Department of Sanitation, managing its dredging program and various sanitary landfill closure projects.

Technical Approaches to Reducing Diesel Emissions at Ports

Panel Speaker/Chair

Joe Kubsh

Executive Director

Manufacturers of Emission Controls Association

Dr. Kubsh has been involved with the development and application of mobile source, emission control technologies for more than 20 years. In that time he has been actively involved in catalyst and substrate development programs for both mobile source and stationary source applications, including advanced catalyst coatings, thermally stabilized support materials, and the development of metallic and ceramic substrates for these applications. Dr. Kubsh joined the Manufacturers of Emission Controls Association (MECA) in 2002 and was appointed Executive Director in November 2005. MECA is a non-profit industry association that provides technical information on mobile source emission controls to air quality officials and other stakeholder groups. Dr. Kubsh has authored more than 20 SAE papers or other technical articles in the mobile source application area, served often as an SAE session/SAE TOPTEC/symposium organizer, and is a past Vice Chairman of SAE's Fuels & Lubricants emissions activities. He received a B.S. in Chemical Engineering from Purdue University in 1977 and a

Ph.D. in Chemical Engineering from the University of Wisconsin – Madison in 1982. After receiving his doctorate degree, Dr. Kubsh joined W.R. Grace's Corporate Research & Development laboratories in Columbia, Maryland, serving in a variety of automotive catalyst technology development positions over the next 14 1/2 years. Dr. Kubsh joined Engelhard's Environmental Technologies Group (Iselin, New Jersey) in early 1997 and worked in both Engelhard's Research & Development group and Engelhard's Marketing group on mobile source catalyst systems.

Fuels: Where Are We Today and Where Will We Be Tomorrow?

Steven Levy
Managing Director
Sprague Energy

Steven J. Levy leads Sprague's clean fuels product and business development activities. Mr. Levy has led the introduction of Ultra Low Sulfur Diesel fuel in the United States. In addition to being the marketing leader of ULSD in the U.S., Sprague provides energy solutions to industry including conventional petroleum products, alternative fuels, including biofuel and ethanol, and fuel management.

Retrofitting Cargo Handling Equipment with Diesel Oxidation Catalysts

Paul Pathy
Vice President and General Manager
Federal Marine Terminals Inc.

Paul M. Pathy, Vice-President and General Manager of Federal Marine Terminals, obtained a BA in Psychology from Emory University in Atlanta, GA, in 1994. He went on to receive a JD and his MBA from University of Denver, Colorado, in 1999 and 2000. A member of the New York State Bar, he joined the Fednav group in 2003 from Atlanta, where he was Chief Operating Officer of consulting group EWG Solutions, Inc. He also holds the position of Senior Vice-President, Fednav Limited.

New York City Private Ferry Emissions Reduction Program

Bill Van Wormer
Assistant Vice President
Seaworthy Systems

Mr. Van Wormer is Asst. Vice President of Engineering, Senior Engineer and Program Manager at Seaworthy Systems, Inc. He has over 30 years of marine engineering experience specializing in operations management; machinery and systems design; plant performance evaluations; power and auxiliary system upgrades/modifications; and contract services for major shipping, utility, and industrial corporations.

Don Ricciuti
Principal Engineer
Seaworthy Systems

Graduate of USMMA. Holds USCG unlimited Chief Engineer's license for motor ships, unlimited First Assistant engineer's license for steam ships, PE, Naval Architecture and Marine Engineering. Have been employed at Seaworthy Systems since 1998. In addition to the NYSERDA project, I been involved in NOx emission control from gas turbines.

Best Business Practices

Panel Speaker/Chair
Tay Yoshitani
Senior Advisor
National Association of Waterfront Employers

Tay Yoshitani is consultant and Senior Advisor to the National Association of Waterfront Employers (NAWE). He provides the association and members with assistance in addressing security, environmental, and infrastructure issues.

Prior to joining NAWA, Yoshitani spent 16 years in senior positions at three major U.S. ports. He was Deputy Executive Director at the Port of Los Angeles in charge of all maritime affairs including marketing and operations. He then became the Executive Director of the Port of Baltimore where he successfully orchestrated a major change in strategic direction. Most recently, he served as the Executive Director of the Port of Oakland during a period of unprecedented growth of its port, airport, and commercial real estate operations.

Prior to entering the port industry, Yoshitani was President of Grand American, a real estate development company in Santa Monica, CA. Prior to Grand American, he spent ten years at two Fortune 500 companies in various management roles.

Yoshitani graduated from the U.S. Military Academy and served with the Corps of Engineers. He later graduated from Harvard Business School with an MBA

The Benefits of Being a Smartway Partner

David Dwyer

Director, Supply Chain Planning

Sharp

David Dwyer joined Sharp Electronics Corporation in Mahwah, NJ July 2002. In his role as Director - Supply Chain Planning he has responsibility for the Inventory Management, Vendor Compliance, Key Performance Indicators, Logistics Environmental Issues, and Deployment areas.

Prior to joining Sharp, Dave spent 8 years with Nabisco Biscuit Company, which is now Kraft-Nabisco. He had various positions developing, managing and implementing corporate, Logistics programs best practices and was part of the integration team joining Nabisco with the Kraft Companies.

Dave graduated with a Finance degree from the University of Scranton in Scranton, PA in 1994.

Gate Efficiencies

Sam Crane

Vice President, External Affairs

Maher Terminals Inc.

Mr. Crane is the Senior Vice President, External Affairs for Maher Terminals, Inc., a family-owned New Jersey business, specializing in marine cargo movement and management. Maher Terminals, Inc. operates a 450 acre terminal at Port Elizabeth, the largest at the Port of New York and New Jersey. Maher Terminals also provides services to other port operations, such as loading and unloading automobiles.

Prior to joining Maher Terminals, Inc., Mr. Crane was the principal of Crane Consulting (1999-2000), specializing in issue and project strategic planning and governmental affairs consulting.

Mr. Crane served as President of the Regional Business Partnership (1994-1999), a private non-profit business organization devoted to regional economic and business development in Newark and Northern New Jersey.

Mr. Crane was State Treasurer (1992-1994) under Governor Florio, where he served as the Chief Financial Officer for the State of New Jersey. In that position, he managed the state's \$16 billion annual budget, all revenue collections and the lottery. He was also a member of the Sports and Exhibition Authority and the New Jersey Economic Development Authority. Mr. Crane has also held several senior level government positions (1978-1991) in finance and policy development.

Hybrid Technology – Greening Locomotives

John Atkins

Vice President of Operations

New York Container Terminal

Maritime industry executive with over nineteen years experience in the shipping industry including terminal operations and corporate equipment management. Extensive experience in labor relations, operations, vendor management, contract negotiations, cost controls, and equipment spec/build/maintenance.

Currently Vice President of Operations for New York Container Terminal, a 187 acre marine terminal in the Port of New York. New York Container Terminal is a full service terminal that handles containerized and break bulk cargo. Services also include warehousing, distribution, and equipment repair. New York Container Terminal is currently undergoing a \$300 million dollar expansion program that will add an additional 500 ft. of berth, an on-dock rail facility, a 212,000 square foot warehouse, and four post-panamax cranes.

B.S. Management Science, 1985
Kean College of New Jersey

Fleet Modernization Program

Wayne Pighin

Vice President

APM Terminals

Mr. Wayne Pighin was named Vice President APM Terminals North America in June, 2002, headquartered in Charlotte, North Carolina. In his current position he is responsible for Power Equipment Planning and Maintenance activities throughout North America. Mr. Pighin joined Maersk in 1999 as President of Maersk Equipment Service Company in Richmond, Virginia. Mr. Pighin's background includes years of experience in the Ocean Transportation Industry. He has held various Operations and Corporate positions with Maersk, Sea-Land Services, APL, Crowley Maritime, and U.S. Lines. Currently a resident of Charlotte, North Carolina, Mr. Pighin has lived in many locations in the U.S., including Alaska, Washington, California, Texas, Virginia, and New Jersey. He attended the University of Washington, Seattle, where he graduated with a Bachelors Degree in Chemistry.

Successful Grant Programs

Panel Speaker/Chair

Rosa Shim

Environmental Engineer

United States Environmental Protection Agency

Rosa Shim, the National Program office leader for the Northeast Ports Workshop is a Mechanical/Environmental Engineer who has been with EPA's Clean Ports USA Program and the Office of Transportation and Air Quality's National Clean Diesel Campaign since its inception in 2004. She currently oversees the in-use testing component of voluntary diesel retrofit technology verification and manages diesel retrofit grant projects in the ports and school bus sector.

MASSPORT Grant through the Environmental Protection Agency

Jenna Newcombe

Environment Project Manager

MASSPORT

Jenna Newcombe is an Environmental Project Manager for the Massachusetts Port Authority (Massport) located in Boston, Massachusetts. Massport owns and operates several transportation infrastructure facilities including Logan International Airport. Ms. Newcombe's responsibilities include: verifying compliance of tenant and Massport operations; representing Massport at Conservation Commission hearings; and planning, implementing and coordinating Massport's Environmental Management System initiatives. Prior to joining Massport's Environmental Management Unit, Ms. Newcombe worked for an environmental consulting firm where she focused on environmental

compliance and strategic environmental planning. In addition, she also worked for the United States Postal Service where she managed the asbestos and lead sampling program for the Northeast Area of the United States. Ms. Newcombe holds a Bachelor of Arts in Environmental Engineering and a Master of Business Administration with a concentration in Environmental Management and Policy.

Tim Keefe
Manager, Maritime Safety & Training
MASSPORT

Mr. Keefe has over fifteen years of managerial and supervisory experience in the maritime industry including but not limited to terminal operations, gate operations, maintenance, labor relations, environmental and safety. Mr. Keefe has been employed for the Massachusetts Port Authority (Massport) as Manager of Maritime Safety & Training for the last eight years. In this capacity, Mr. Keefe administers, oversees and enforces all safety and health related policies and regulations pertaining to the members of International Longshoremen's Association employed by the Massport; as well as manages, implements and enforces Massport policies regarding the safety and health and environmental issues for its facilities, full time union and non-union employees at all Massport owned and operated Maritime facilities.

As the Manager of Maritime Safety & Training, Mr. Keefe is the designated liaison with federal, state and local agencies, which includes the United States Coast Guard, United States Department of Agriculture, United States Customs & Border protection and local fire/ emergency services on all safety and environmental related matters.

Prior to joining the Massport, Mr. Keefe was a Maintenance Manger for a private stevedoring company (John T. Clark & Son of Boston, Inc.) for eight years.

Port of Houston – Texas Emission Reduction Program (TERP)
Dana Blume
Environmental Program Coordinator
Port of Houston Authority

Ms. Blume has been employed with the Port of Houston Authority since 1999 and is the Senior Program Coordinator for the Environmental Affairs Department and specifically oversees the Air and Sediment Program area. Her primary responsibilities are to assist the Environmental Affairs Manager, the Director of Planning and Environment and other senior management representatives in the on-going development, implementation, maintenance, and refinement of the Port Authority's environmental compliance programs and ISO 14001 programs. In addition, Ms. Blume assists other Port Authority internal departments, tenants and users in addressing environmental issues across all Medias, and works with federal, state and local environmental regulatory and legislative agencies. Ms. Blume has been extensively involved with the air quality program and innovations, storm water and drinking water management programs and maritime water quality issues, dredging and sediment management and pollution prevention programs for the Port Authority. Ms. Blume serves as the assistance manager to the Environmental Affairs Department and is responsible for the budget, Port Commission actions, and setting goals and objectives for Program Areas.

Ms. Blume has a Bachelor of Science degree in Geology from Texas A&M University and is a licensed Professional Geoscientist in the State of Texas.

Leveraging Funding through Grants and Public/Private Partnerships
Panel Speaker/Chair
Partnerships to Reduce Diesel Emissions in the Northeast
Debbi Edelstein
Manager, Northeast Diesel Collaborative
Northeast States for Coordinated Air Use Management
(See Above)

Funding Opportunities through Public Utilities

Kerry-Jane King

Manager, Transportation Program

New York Power Authority

Kerry-Jane King is the New York Power Authority's Transportation Program manager. She is responsible for developing projects with customers and stakeholders that demonstrate a range of clean transportation technologies, including electric-drive, anti-idling, and emission control technologies. Prior to joining the Power Authority in 1994, Kerry-Jane worked for an energy consulting firm.

CMAQ Funding: Opportunities and Challenges

Sarah Siwek

President

Sarah J. Siwek & Associates

Sarah J. Siwek specializes in advising public and private sector organizations on transportation and environmental issues. Areas of focus include: development and provision of communication tools, training and educational programs on various provisions of the Transportation Equity Act for the 21st Century (TEA-21) and the Clean Air Act Amendments (CAA) of 1990; development, integration, financing, and implementation of transportation and air quality programs as required under the CAA; strategic financial planning related to transportation programs including Intelligent Transportation Systems implementation; facilitation activities on highway, transit, air quality and aviation programs; and policy development and advice on transportation and air quality issues.

Ms. Siwek currently provides legislative and policy support to AASHTO on TEA-21 Reauthorization issues associated with transportation and air quality. Work include: briefing the Air Quality Task Force on proposed regulation, legislation and guidance, developing the reauthorization briefing documents for the AASHTO Board of Directors, briefing Congressional staff on proposals for reform, and developing comments on rulemakings related to the implementation of the new 8-hour ozone and PM2.5 standards. Ongoing.