



RHODE ISLAND

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

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HAND DELIVERY

March 28, 2019

Todd Anthony Bianco
Coordinator
Rhode Island Energy Facility Siting Board
89 Jefferson Boulevard
Warwick, RI 02888

**Re: Invenergy Thermal Development, LLC – Clear River Energy Center
Docket No. SB-2015-06**

Dear Dr. Bianco:

In response to the Energy Facilities Siting Board's ("EFSB") record request to the Rhode Island Department of Environmental Management ("DEM"), enclosed for filing in this matter are the originals and six (6) copies of the resumes for those individuals who testified as to the DEM's Advisory Opinion and Supplemental Advisory Opinion to the EFSB in the final hearing.

Should you need any further information, do not hesitate to contact me at (401) 222-4700 ext. 2023. Thank you for your time and attention to this matter.

Best regards,

A handwritten signature in cursive script, appearing to read "Christina Hoefsmit".

Christina A. Hoefsmit, Esq.

enc: Resumes

EDUCATION

- Harvard University, John F. Kennedy School of Government, Executive Education Program, *Strategic Management of Regulatory and Enforcement Agencies*, 2016.
- University of Rhode Island, Master of Business Administration, 2000.
- Northeastern University, Master of Civil Engineering, Environmental Focus, 1995.
- Lehigh University, B.S. Chemical Engineering, 1986.

PROFESSIONAL RECOGNITION

- Registered Professional Engineer, State of Rhode Island, Registration # 5786.
- Testified on Brownfields, United States Senate Subcommittee on Superfund, Waste Control, and Risk Assessment, March 21, 2000.
- Leadership Rhode Island program, completed October 2001

PROFESSIONAL ASSOCIATIONS AND ORGANIZATIONS

- Board of Directors, Rhode Island Underground Storage Tank Financial Responsibility Fund Review Board, 1998-Present.
 - Chairman, February 2007-Present
- Board of Directors, Northeast Waste Management Officials Association, 1993-2012, Chairman, 2000.
- Board of Directors, Association of State and Territorial Waste Management Officials Association, 2000-Present.
 - Vice President, 2004-2005
 - President, 2005-2006
 - Past-President, 2006-2007
 - Chairman, Site Evaluation Focus Group, 1999-2002.
 - Member, Federal Superfund Focus Group, 1994-1999

PERSONAL INFORMATION

- Member, West Greenwich Conservation Commission 2004-2011
- Member, West Greenwich Land Trust 2011-2015

William B. Mitchell Jr.

CAREER OBJECTIVE

Achievement oriented leader seeking to leverage extensive background in facilities management operations and regulations to advance the mission of State Parks and Recreation.

EDUCATION

Community College of Rhode Island, Lincoln, RI
Business Administration Courses

RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Superintendent of State Parks
Division of Parks and Recreation

August 2011 – Present

- Supervises the operations, construction, maintenance, landscaping and beautification work at all Rhode Island State parks and beaches in accordance to all regulatory requirements.
- Plans, coordinates, supervises and reviews the work of the Regional Park Managers, Park Managers, Park Care-Taker Supervisors, Construction Crew, and other regular and seasonal staff.
- Manages and directs the administrative activities including contract administration, purchase requisitions, inventories, and revenue deposits.
- Serve as project coordinator on special division education, promotional and environmental projects.
- Confers with local, state and federal officials on the operations of state parks and beaches.
- Evaluates recommendations made by Park managers and make final recommendations to the Chief of Park Division.
- Make recommendations for the development of land and water oriented recreational activities, military pageantry demonstrations, interpretive programs and activities of interest to tourists such as museum development, multi-fact displays, and visual and performing arts related interests.
- Assists in the preparation of budget for equipment, tools, materials and supplies related to the efficient operation of state parks.
- Plans, organizes and supervises technical staff in the procurement, development and maintenance of Division's computer-generated entrance system, website, email, data management and telecommunications systems.

Region I Regional Manager
Division of Parks and Recreation

May 2008 – August 2011

- Provided overall direction and management for operations and maintenance of Region I State Parks, beaches, campgrounds, recreational and roadside rest areas.
- Responsible for the maintenance of all buildings, sanitary facilities, drinking water supplies, recreation facilities and state-owned vehicles within Region I. Evaluated and effectively made recommendations for the improvements to existing recreational facilities and equipment.
- Actively participated in administrative decision-making meetings and assist in the preparation of Capital Development Projects including Pre-Bids, Construction and Concession Contracts.
- Monitored the operation of all concessions within Region I, including the Food Concession

Stands and Bridal Concession ensuring compliance with contractual obligations.

- Represented Region I and the Division of Parks & Recreation with Citizens and Governmental organizations on a public relations basis within the region.
- Ensured twenty-four hour safety of park visitors through collaborative working relationships with State and Local Police and park staff.
- Worked collaboratively with local police and fire departments in obtaining reports and exchanging information for incidents investigated by their agencies occurring on state property.
- Directed and managed regional supervisors, full-time staff, seasonal supervisors, beach managers, lifeguard captains, seasonal staff and all subordinates engaged in:
 - performing duties involved in the operation of fishing, swimming, boating, picnicking and other recreational activities of a nature suitable for a public park.
 - issuing and authorizing permits for the use of park facilities.
 - Supervising maintenance activities.
 - supervising repairs and maintenance of small engine equipment, Trucks, and heavy equipment.
 - performing law enforcement duties for the safety and protection of park visitors.
 - performing inspection duties to ensure facilities and equipment are in good condition.
- Oversaw, directed, and executed all human resources management activities including recruitment, staffing, policy and procedure interpretation, employee development, performance management, disciplinary action, performance evaluations, employee and labor relations for full-time and seasonal staff positions to ensure high levels of quality customer service and safety for park visitors.
- Managed and determined staff assignments and work schedules to service park visitors and ensure appropriate equipment usage for proper maintenance operations and safety regulations compliance.
- Conducted in-service training and deliver safety programs for Region I staff including lifeguard procedures & policies and enforcement ranger protocol & policies.
- Managed payroll administration for Region I full-time and seasonal staff using computerized payroll system including staffing activity reports development.
- After normal working hours, responded to calls and provide direction to full-time/seasonal park supervisor, enforcement rangers, environmental police and National Security Alarm Company including returning to work if necessary. Routinely provide unscheduled supervision visits to second and third shift rangers when applicable.
- Responsible for the application and supervision of all pesticides used in the maintenance and propagation of grass, greens, trees, shrubbery and ornamental plantings as well as management of vehicle maintenance and repair.

Assistant Regional Manager

April 2007 – May 2008

Division of Parks and Recreation

- Managed regional supervisors, full-time staff, seasonal supervisors, beach managers, lifeguard captains, seasonal staff, and all subordinates engaged in performing duties to support recreational activities of a nature suitable for a public park including all human resource management.
- Managed the administrative activities of the region including building maintenance and improvements, contract administration, purchase requisitions, inventories, budget development and

management.

- Manage law enforcement duties for the safety and protection of park visitors.
- Assumed all Regional Manager’s duties, responsibilities, and authority during his absences.

Park Manager

1998 – April 2007

Division of Parks and Recreation

Supervised and coordinated work activities of full-time seasonal staff in Region I, including recruitment, hiring, time management, performance management, training and development, and adherence to safety training.

Park Caretaker Supervisor

1989-1998

Division of Parks and Recreation

Performed maintenance duties and supervised semi-skilled laborers, laborers, and seasonal staff.

Semi-Skilled Laborer

1986-1989

Division of Parks and Recreation

Performed all skilled labor and oversaw the activities of laborers and seasonal laborers.

MEMBERSHIPS

- RI Recreation and Parks Association 2008-present

LICENSES

- Crowd Control Preparedness Training, 2018
- Hurricane Awareness Training, 2016
- Payloader/Backhoe LTD License , 2011
- Commercial Pesticide Applicator’s License, 1998-2011
- First Aid CPR – AED Certified, Annual
- Arborist Workshops/Hazardous Tree Training, 2001
- Arborist Workshop/Asian Longhorn Beetle, 2001
- RIDEM Certificate of Authority, 2001
- Scituate Citizen’s Police Academy, 1999
- Basic Wildland Fire Behavior and Fire Suppression, 1997
- Chain Saw Safety, 1987
- RI Municipal Training Academy, Basic Reserve Officer Training, 1982

HONORS

- RI Spring Flower Show Director’s Award, 2002
- Eastern Equine Encephalitis Virus Contributor, 1990
- World Prodigy Oil Spill Contributor, 1989

JAMES J. BALL

PROFESSIONAL OBJECTIVE

To pursue an administrative position with leadership responsibilities in Environmental Science that will offer diverse and practical application of my education and experience.

EDUCATION

University of Rhode Island, Kingston, RI
B.S. in Resource Development, College of Natural Resources

1987

RHODE ISLAND

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Environmental Response Coordinator

December 2008 – Present

Aboveground Storage Tanks (AST), Emergency Response, and Cost Recovery/Grant Program

AST Administrator

Supervise the AST program, which includes approximately 700 registered facilities. Direct program inspectors that conduct facility inspections to ensure compliance with the OPC regulations. Review and evaluate facility design and installation plans for new and modified fuel facilities. Maintain AST facility files, provide AST information to public as well as consultants and provide decisions for variance requests. Conduct facility inspections with United States Coast Guard (USCG) and Environmental Protection Agency (EPA) when required. Coordinate activities with the department's legal counsel and assist the Attorney General in preparing and executing legal actions for violations of environmental regulations.

Emergency Responder Chief

Work under the direction of the Director as the State On-scene Coordinator at environmental disasters directing department's and the State's resources as part of the Unified Command and to work with and inform the Governor and/or her staff. Responsible for planning, directing and administrating the agency's oil and hazardous material response program on a daily bases as well as during oil spills, hazardous material incidents, chemical, radiological, biological, explosive, natural and environmental disasters. Direct, plan, organize, coordinate and evaluate the work of professional, technical, administrative, clerical and other staff as assigned. Administer the Oil Spill Prevention, Administration and Response (OSPAR) Fund. Develop and write the annual OSPAR report submitted to the legislature that summarizes the status and use of the fund for the fiscal year. Assist in the preparation of the annual budget with input from the appropriate stakeholders. Provide technical support, coordination and serve as the State's trustee for the Natural Resource Damage Assessment (NRDA) process. Responsible for the development and maintenance of the RIDEM Emergency Response Plan (ERP) utilized by all DEM divisions. Represent DEM on the Regional Response Team I (RRT I), RI & Southeastern Massachusetts Area Committee, South East New England Area Maritime Security Committee (security clearance required), RI Emergency Management Advisory Council (EMAC), Emergency Support Function #10 (ESF#10) for Oil and Hazardous Materials Response for Rhode Island, USCG Executive Steering Committee, voting member of the State Emergency Response Commission (SERC), SERC Training Committee, SERC Planning Committee, Port Safety/Security Committee, RI Chemical Safe Schools, Northeast High Level Radioactive Waste Transportation Task Force Conference of State Governors and Local Emergency Planning Committee (LEPC). Also, the Rhode Island Chair for the Connecticut Rhode Island Cross Boarder Exercise Series (CRICES) and the Tri-State Exercise Group including CT, MA and RI. The Chair of the HazMat/Decon Committee, which consist of seven RI Hazardous Materials teams and four Decontamination Teams. Coordinate with Federal, State and local agencies to manage oil and hazardous material spills. Drill, plan, and train with local fire departments,

private industry, Haz/Mat & Decon Teams, RI National Guard Weapons of Mass Destruction (WMD) Civil Support Team (CST), Connecticut, Massachusetts, USCG and EPA for boom deployment, Geographical Response Plans (GRP) designed for the protection of sensitive marine environments, HazMat incidents, and/or WMD responses. Supervise and coordinate the Federal and State required training (HAZWOPER training, HazMat Competencies, etc.) of departmental personnel and work with the Office of Human Resources to maintain these training records. Reviewed and assisted writing proposed legislation to provide immunities to emergency responders such as HazMat Teams, fire departments, police departments and government agencies.

Cost Recovery/Grant Program

Supervise the Cost Recovery Program for reimbursement of contractor expenditures and personnel overtime for State lead emergency responses. Obtain Federal reimbursement funding through the Oil Liability Trust Fund. Processes that have recovered millions of dollars since its inception. Writing and administering the almost \$700,000.00 FY 2016 Federal HazMat grant under the U.S. Department of Homeland Security – Office for Domestic Preparedness.

Oil & Hazardous Materials Specialist III

September 2004 – December 2008

WMD, Emergency Response, AST, Cost Recovery

Since the September 11, 2001 terrorist attacks and white powder incidents, new environmental protection programs have been required for the Office of Emergency Response (OER). This included being tasked with responding not only to oil releases, complaints, hazardous waste spills, but chemical, biological, and potentially radiological, nuclear and explosive (CBRNE) situations. New job descriptions had been developed based on the fact that employees had been working out of position as a result of these new missions. The new tasks included responding to approximately 500 white powder responses and completing hundreds of hours training for responses to CBRNE incidents. The OER works with HazMat teams, state police, local police, Joint Terrorism Task Force (JTTF) and FBI during actual emergencies as well as table top exercises. OER personnel screen biological samples for radioactivity, volatile organic compounds (VOC), aerosol/pressurized devices, pH, chemical nerve agents, ricin toxin, and anthrax protein prior to the RI Department of Health (DOH) accepting the material to conduct definitive biological sampling approved by the Center for Disease Control (CDC). Also, assist in the development of the Bioterrorism Response Laboratory Environmental Specimen Submission Form and the State of RI WMD Incident Response Matrix. In addition, continue to supervise the daily operations of the OER which responded to about 900 oil spills, hazardous waste spills, chemical spills and biological incidents a year from 2004 until 2008. Oversee the program that removed approximately 264,463 gallons of oil and about 16,700 tons oil contaminated waste during that same time period. Supervise the Aboveground Storage Tank Program, which includes about 600 registered facilities. *The balance of the duties remained the same as listed below under Principal Environmental Scientist from 1997 to 2004.*

Principal Environmental Scientist

May 1997 – September 2004

Emergency Response, WMD, AST, Cost Recovery

Supervise the daily operations of the Emergency Response Branch (ERB), which with four personnel investigate approximately 800 oil and hazardous waste spills, releases and complaints a year. Coordinate the program that removed over 5,000,000 gallons of oil and about 135,402 gallons of hazardous waste from the environment between 2000 and 2004. Act as a State representative to the Incident Command Team for large oil response disasters and fires. Help plan and observe the ERB's response to tabletop exercises to oil spills, hazardous releases and natural disasters at large facilities. Developed relationships with Federal, State and local entities to coordinate an efficient response and predetermine defined roles for each agency during an emergency response for oil, chemical, and WMD. Plan and help administer the mandatory yearly DEM Hazardous Material Response Refresher Training. Retain and supervise contractors as well as review invoices. Assist with the development of the emergency response Master Price Agreement and a member of

the Technical Review Committee that selects contractors for DEM scientific support and services. Represent the DEM on the Regional Response Team, Area Committee, SERC, SERC Training Committee, Port Safety/Security Committee, RI Chemical Safe Schools and LEPC. Supervise the Aboveground Storage Tank Program, which includes almost 400 registered facilities. Provide outreach and speeches for AST regulations, spill requirements and proper storage of chemicals. Developed and oversee the Cost Recovery Program for reimbursement of contractor expenditures and personnel overtime for State lead emergency responses. Initiated the State's involvement with the recovering of expenditures via the Oil Liability Trust Fund. Authorized to submit, negotiate and settle claims or Pollution Removal Funding Authorization (PRFA) with the federal government pursuant to OPA 90. These programs have recovered almost 1.5 million dollars since its inception.

Senior Environmental Scientist

October 1993 – April 1997

Site Remediation/Emergency Response, AST

Developed and managed the Cost Recovery Program for the reimbursement of DEM expenditures. Directed the daily operations of the emergency response program and supervised the AST program. Oversaw cleanups for long term and time critical remedial action activities. Interacted with criminal investigators and attorneys as well as the U.S. Coast Guard on many projects. Retained and supervised contractors for emergency response incidents. Represented the State at public hearings, public meetings and conferences throughout New England.

Associate Senior Engineer

February 1993 – October 1993

Site Remediation/CERCLA

Performed emergency response work. Supervised technical assistant contractors for environmental projects. Remediation oversight for Department of Defense National Pollution List (NPL) sites, including evaluation of proposed technologies for site remediation and determination of State Applicable or Relevant and Appropriate Requirements (ARAR). Project Manager for NPL Superfund sites, Formerly Used Defense sites and State lead sites. Provided oversight and review for consultants and the Army Corps. Represented the State at public hearings and public meetings. Executed pre-remedial preliminary assessments and site investigations. Responsible for site monitoring program, which involved oversight of Department of Health residential well sampling near Superfund sites and CERCLA sites. Assist with the budgeting of the EPA grant to fund this program.

Jr. Sanitary Engineer

October 1988 – February 1993

Air and Hazardous Materials/CERCLA

Performed emergency response work for oil and hazardous waste spills, releases, fires and complaints. Remedial project manager for designated Superfund sites. Oversight of various State supervised hazardous waste sites. Responsible for the completion of pre-remedial Superfund reports. Project manager for Formerly Used Defense sites. Supervised technical contractors at Superfund sites.

PROFESSIONAL EXPERIENCE

**Joseph W. Frisella Civil Engineering, Wakefield, RI
Engineer**

October 1987 – October 1988

Extensive work with the TR-55 method (Urban Hydrology for Small Watersheds) and drainage designs for subdivisions. Designed and drafted individual sewage disposal systems for clients. Developed catch basin sizing and requirements for the installation in subdivisions. Designed and drafted surface water detention ponds for subdivisions. Surveyed, inspected, and located individual sewage disposal systems and property. Dealt with groundwater tests, perc tests, and test pits for soil investigations.

**USDA, Natural Resource Conservation
Service (NRCS), Greenville, RI
Soil Conservationist**

June 1987 – October 1987

Collected soil loss and planning data related to conservation planning problems. Worked with a registered professional engineer, surveying, designing, installing, and inspecting soil and water management practices, i.e. waterways, diversions, subsurface drainage and terraces. Accompanied specialists, in various fields of resource management, agronomy, biology, engineering, community planning and soils, to observe methods used in resolving natural resource management problems.

**USDA, Natural Resources Conservation
Service (NRCS), West Warwick, RI
Intern**

January 1987 – June 1987

Completed a six-month internship with the USDA Soil Conservation Service. Gained Valuable experience with the TR-55 Method (Urban Hydrology for Small Watersheds), surveying, flood profiles, and storm water runoff.

AWARDS

- USEPA Environmental Merit Award 2008
- Governor Carcieri citation for Outstanding Contributions and Participation in Tall Ships Rhode Island 2007
- Governor's Citation for Outstanding Efforts for the Penn 460 Oil Spill
- Governor's Citation for the Response to the North Cape Oil Spill
- Governor's Citation for the Dedicated Efforts for the World Prodigy Oil Spill

CHARLES A. HORBERT

(401) 222-4700 x 7402

Chuck.horbert@dem.ri.gov

EDUCATION

University of Rhode Island, Kingston, RI
B.S. in Resource Development, College of Resource Development
Concentration: Wildlife Biology & Management

RHODE ISLAND DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Supervising Environmental Scientist
Freshwater Wetlands Program

September 1996 – Present

Plan, coordinate and supervise all aspects of the Wetlands Permitting Program including assignment review and oversight of all work performed by technical and administrative support staff. Duties include, but are not limited to, review of all application reports and evaluations done by technical staff; making decisions on applications in accordance with the RI Fresh Water Wetlands Act. Providing guidance in resolving problems or questions on policies and procedures of the program; coordinating operation of the Permitting Program with the Division Chief to ensure efficiency and consistency, initiate improvements as warranted, and coordinate reviews and policies amongst other state and federal agencies.

Principal Environmental Scientist
Freshwater Wetlands Program

February 1993 – September 1996

Duties basically identical to that described above.

Senior Natural Resource Specialist
Freshwater Wetlands Program

January 1990 – February 1993

Performed advanced biological work of a technical nature in processing applications for wetland alterations and determinations within the parameters provided by the RI Fresh Water Wetlands Act. Duties included, but were not limited to, performing field inspections, classifying wetlands, determining impacts to wetlands as a result of various proposed projects, and providing written reports on findings and recommendations.

Natural Resource Specialist
Freshwater Wetlands Program

August 1989 – January 1990

Accomplished tasks similar to, but not as complex as, those described above under “Senior Natural Resource Specialist”.

PROFESSIONAL EXPERIENCE

URI Department of Natural Resource Science, Kingston, RI
Assistant Wildlife Technician

April 1989-June 1989

Worked as part of a research team that established several small-mammal trap sites in the Big River Management Area as part of a U.S. Fish & Wildlife Service study. Duties included identification and tagging of specimens and recording pertinent data.

Town of Cumberland, Department of Planning, Cumberland, RI
Assistant Planner

May 1988- August 1988

Collected information to aid in drafting of the "Conservation Section" of the Town's Comprehensive Plan. Inventoried, described and evaluated 2500+ acres of open space. Assessed environmental impacts of subdivision proposals and provided Town Planner with written recommendations. Initiated, drafted and guided the Town's Soil Erosion and Sediment Control ordinance consistent with state enabling legislation.

AWARDS

- President's Award for Student Excellence as top graduating senior from department of Natural Resource Science, URI, 1989
- National Scholarship Award, 1987 and 1988
- Student Conservationist of the Year award by Northern Rhode Island Conservation District, 1988

ACTIVITIES AND CERTIFICATIONS

- Eagle Scout
- Vice President, RI Blueways Alliance
- Secretary, Pawtuxet River Authority and Watershed Council
- Board member, Rhode Island Rivers Council

JASON OSENKOWSKI

EDUCATION

University of Rhode Island, Kingston, RI M.S., Environmental Sciences	2002
University of Rhode Island, Kingston, RI B.S. in Natural Resources Science	1998

RHODE ISLAND

DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

Deputy Chief, Wildlife

August 2012 – present

Division of Fish and Wildlife

Plan, develop budgets, coordinate, direct, administer and supervise all Wildlife Unit programs and staff. Develop and determine staffing and facility needs and write new position descriptions for notice to hire. Plan and coordinate large scale initiatives and collaborative arrangements related to the wildlife resources, management, and public use. Develop and direct the implementation of a vast array of programs associated with Division of Fish and Wildlife activities. Develop legislation for the Department and work with legislators on broad large scale issues. Develop Division wide policy on staffing requirements, facility needs, and direction of programs. Additionally, serve at the management level and make leadership decisions that guide programmatic direction at multiple levels (e.g., state, regional, national) on a variety of natural resource affiliated groups (e.g., Northeast Wildlife Administrators Association, Atlantic Flyway Council, Atlantic Coast Joint Venture, Sea Duck Joint Venture, New England Cottontail Executive Committee).

Supervising Wildlife Biologist

September 2009 – August 2012

Division of Fish and Wildlife

Supervised all staff (e.g., biologists, technicians) in the Wildlife Unit of the Division of Fish and Wildlife. Planned, coordinated, and supervised the development and implementation of programs and surveys to manage and assess the status of wildlife and wild plant species. Coordinated the Departments habitat management team and serve on its land acquisition committee. Promulgated regulations pertaining to wildlife in the State of Rhode Island. Represented the Department at legislative hearings. Served as the game and nongame and endangered bird representative to the Atlantic Flyway Council activities. Served as the Atlantic Coast Joint Venture representative and the Atlantic coast representative on the Sea Duck Joint Venture Continental Technical Team. Conducted field work for various research projects. Assisted USFWS, USDA, TNC and other resource agencies and organizations regarding species management, research, and planning. Prepared and review technical and semi-technical materials for publications as well as annual federal aid progress reports.

Principle Wildlife Biologist

August 2004 – September 2009

Division of Fish and Wildlife

Coordinated the development and implementation of programs and surveys to assess the status of game birds. Assisted in development of game bird hunting season recommendations for resident game birds and for migratory game birds through the Atlantic Flyway Council activities. Conducted field work for various research projects including waterfowl brood counts. Additionally, performed aerial surveys for

avian species. Appointed to Governor mandated Rhode Island Bays, Rivers, and Watershed Coordination Team. Provide technical assistance to US Fish and Wildlife Service and other resource agencies and organizations regarding species management and research. Prepared technical and semi-technical materials for scientific, Department, and popular publications as well as annual Pittman-Robertson progress reports. Supervised and directed a staff that fluctuated in numbers but included both permanent biologists and seasonal staff.

Environmental Scientist

March 2000 – August 2004

Office of Water Resources, Wetlands

Served as a wetland regulator for the State of Rhode Island. Reviewed proposed plans and projects involving wetlands and assessed impacts of proposed projects on functions and values of freshwater wetlands. Responsible for writing timely, effective, and accurate recommendation reports for proposed projects. Conducted field inspections and made determinations of compliance, wetland presence, and wetland edge verifications using the identification of plant species, specifically hydrophytic vegetation, hydric soils, and hydrology. Made recommendations for restoration efforts for projects that are in violation with State wetland laws. Responsible for interpreting the following maps and photos on a daily basis: USGS Topographic map, Federal Emergency Management Agency map, National Wetland Inventory map, Soil Survey maps, aerial photography, and digital orthophotos. Finally, advised the general public, applicants, and project engineers regarding wetland and land use issues.

PROFESSIONAL EXPERIENCE

Adjunct Assistant Professor

September 2011 – present

University of Rhode Island

Obtain research funding, co-supervise, and mentor graduate students, post-doctoral candidates, and research assistants in topics primarily related to avian conservation and management. My role is one of primary leadership and guidance in developing and obtaining the grant funding and directing, with the students major advisor, the projects goals and objectives while providing guidance to the graduate student on completion of a successful project/program.

Graduate Student

August 2001- December 2002

RI Audubon Society & University of Rhode Island

Responsible for daily operations at the refuge, aided in developing management practices for the refuge as well as carryout these practices. Conducted spring and fall bird banding and supervised other banding staff. For my thesis I analyzed population trends of avian species utilizing 30 years of data collected at the refuge and an adjacent island site. This required developing rather complex and non-conventional statistical models to accurately estimate trends.

GIS Specialist/Avian Supervisor

May – October 2002 & 2003

RI Audubon Society & University of Rhode Island

Responsible for GIS analysis of all spatial and temporal data collected by crews studying flora and fauna (i.e., mammals, amphibians, reptiles, and birds) located on 13 properties owned by the Weekapaug Foundation for Conservation. The project was designed to identify species utilizing the properties and identify and prioritize the importance of these parcels to local diversity. Trained field crews in use of GPS units. Identified and mapped wetlands from 1:5000 Department of Transportation digital orthophotos focusing on potential breeding sites for amphibians and reptiles. In addition, I was responsible for the training and weekly coordination of the crew monitoring avian species on the properties.

Wildlife Biologist

February – July 2000 - 2003

US Fish & Wildlife Service (USFWS)

Served as a contract employee to conduct Anuran calling count surveys following North American Amphibian Monitoring Program (NAAMP) protocol at two USFWS refuges in RI. Developed study design specifications to RI refuges, mapped locations of potential amphibian breeding habitat, and established survey routes. Determined GPS coordinates of calling count locations and created maps depicting survey locations using ArcInfo 8.0 and ArcView3.2a. Analyzed data and produced annual reports of the results.

Wildlife Biologist

May – August 2002 - 2004

US Fish & Wildlife Service (USFWS)

Served as a contract employee to conduct saltmarsh bird surveys at two USFWS refuges in RI. Developed study design and established survey routes. Determined GPS coordinates of point count locations and created maps depicting survey locations in ArcInfo 8.0 and ArcView3.2a. Analyzed data and produced an annual report of the results.

Wetland/Wildlife Consultant

December 1999 – March 2000

NRS Inc.

Performed wetland delineation of freshwater and coastal wetlands; habitat and vegetation assessments, topographic map, soil survey, and aerial photograph interpretation. In addition, knowledge of the RI Freshwater Wetland Act, RI Coastal Resources Management Program, and MA Wetlands Protection Act; preparation of RI DEM, MA DEP, and ACOE data sheets, and letters of findings.

Biological Technician

August – December 1999

University of Rhode Island

Served as supervisor in establishing the first ever banding station on the Narragansett Bay National Estuarine Research Reserve, Prudence Island, RI. Created net lanes and set up mist nets. Banded migratory birds 6 days/week following MAPS protocol (see page 3, July-Aug 1997, for measurements taken). Created the database using Filemaker Pro 4.3; entered, analyzed data, and presented results.

Biological Technician

May – August 1999

Dartmouth College

Assisted as co-supervisor with long-term intensive research into the mechanisms of population regulations at work within Black-throated Blue Warbler populations. Performed extensive nest searching, territory mapping, banding and bleeding of adults and nestlings, behavioral observations, video recorded nests, insect and predator censusing, vegetation sampling, and data input.

Biological Technician

January – May 1999

US Fish & Wildlife Service (USFWS)

Assisted with a study of demography and breeding success of the endangered Hawaiian Hawk ('Io). Trapped, banded, collected morphological data, nest searched and monitored nests, trapped small mammals, husbandry, GPSed points, used laser range finder, applied radio transmitters, and tracked tagged hawks.

Biological Technician

University of Rhode Island

August – December 1998

Assisted, as crew leader, with a comparative study investigating foraging and nutritional ecology of migratory passerines. Banded migrants 6 days/week following MAPS protocol. Performed various laboratory experiments focused on digestive physiology and cared for captive birds. Created the database using Filemaker Pro 4.0; entered and analyzed data.

Wildlife Biologist/Environmental Consultant

University of Rhode Island

September – December 1998

November 1997 – May 1998

Censused marine waterbirds from shore as part of an environmental assessment for wind towers. Identified birds offshore, quantified information on flight heights, interspecific differences in flight behavior, diurnal and seasonal variation in species richness, and assisted with study design, data analysis and writing of final report.

Biological Technician

Dartmouth College

May – August 1998

Assisted with long-term (34 yrs) research monitoring population trends of Neotropical migrants breeding in unfragmented forest habitat. Performed extensive nest searching, territory and spot mapping, behavioral observations, insect and predator censusing, vegetative sampling, and data input.

Biological Technician

University of Rhode Island

January – May 1998

Constructed drift fence pitfall arrays to monitor amphibian populations. Collected biological data such as snout-vent length and sex on captured amphibians. Toe-clipped amphibians captured for population analysis.

Biological Technician

NH Audubon Society

May – July 1997

Conducted point-count surveys of avian populations in unfragmented and fragmented forests. Recorded avian species richness and abundance, and habitat characteristics at fixed intervals.

PUBLICATIONS AND REPORTS

Meatley, D.E., S.R. McWilliams, P.W.C. Paton, C. Lepage, S.G. Gilliland, L. Savoy, G.H. Olsen, and J.E. Osenkowski. *In press*. Resource selection and wintering phenology of White-winged Scoters in southern New England: Implications for offshore wind energy development. *Condor*.

Lamb, J. S., P.W.C. Paton, J.E. Osenkowski, S.S. Badzinski, A.M. Berlin, T. Bowman, C. Dwyer, L.J. Fara, S.G. Gilliland, K. Kenow, C. Lepage, M.L. Mallory, G.H. Olsen, M.C. Perry, S.A. Petrie, J.P.L. Savard, L. Savoy, M. Schummer, C.S. Spiegel and S.R. McWilliams. *Submitted*. Spatially-explicit network analysis reveals multi-species annual-cycle movement patterns of sea ducks. *Ecological Applications*.

- Smith, A.D., B. Hofner, J.E. Osenkowski, T. Allison, S.R. McWilliams, and P.W.C. Paton. *Submitted*. Modeling spatiotemporal abundance of mobile wildlife in highly variable environments using boosted GAMLSS hurdle models. *Ecology and Evolution*.
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BOARDS/APPOINTMENTS

- Atlantic Flyway Council Management Board Representative: 2015 – Present
- Atlantic Flyway Council Technical Section Committee Representative: 2004-2015
- Atlantic Flyway Council Technical Section Committee Chair: 2009-2015
- Atlantic Coast Joint Venture Management Board Representative: 2015 – Present
- Atlantic Coast Joint Venture Technical Section Representative: 2004-2015
- Sea Duck Joint Venture Management Board Representative: 2015 – Present
- Sea Duck Joint Venture Continental Technical Team Atlantic Representative: 2015 – Present
- Coventry Planning Commission 2004 - Present
- Exec.Climate Change Committee Science and Technical Advisory Board 2015 - Present – Governor Appointed
- Ducks Unlimited - Rhode Island South Shore Chapter, Committee Member 2004 - Present
- New England Cottontail Regional Executive Committee 2011 – Present
- Rhode Island Bays, Rivers, and Watershed Coordination Team 2005-2007 – Governor Appointed
- Rhode Island Natural History Survey-Board of Directors 2005-2006