

Appendix R – Resumes of Preparers



Dave Brizzolara

Dave is an Environmental Scientist and Project Manager at HDR with over 12 years' experience in biological assessments and technical reports, as well as waterfront and marine-related projects. He has successfully managed and led multiple environmental permitting and assessment projects for 7 years, most recently permitting efforts associated with NJDEP Division of Land Resource Protection (formerly Division of Land Use) permits related to marine dredging and wetland projects for marine contractors. During his 12 year tenure at HDR, David's primary work efforts have been focused on NJDEP regulatory requirements for developments in NJDEP freshwater and coastal wetlands, wetland transition areas, state open waters, flood hazard area, and riparian zones for public and private clients. He maintains a broad-based understanding and familiarity of environmental review and regulations at the federal, state, and local level. He has been heavily involved in leading permitting and environmental assessment tasks of many linear construction projects related to electrical transmission, water supply, and transportation. In addition, he has experience in fisheries and wetland ecology, field and lab techniques, as well as technical writing and data analysis.

EDUCATION

MS Biology: Ecology and Evolution, Montclair State University, 2011

BS Biology, Fairfield University, 2009

PROFESSIONAL REGISTRATIONS

Professional Wetland Scientist, Society of Wetlands Scientists, 2020



Dan Heilman, PE

Coastal Engineering

Dan's expertise is in analysis and design of coastal projects such as habitat restoration, beach nourishment, shoreline protection, flood protection, and navigation improvements. As a senior project manager he is responsible as the engineer of record for projects that involve analysis of complex coastal processes, applied design, and preparation of plans and specifications. Project experience also includes dredging, bridge hydraulic studies, slope protection, numerical modeling of waves and currents, and design of scour countermeasures. Dan is also experienced in numerical modeling of hydrodynamics (including waves and currents), coastal storm vulnerability and risk assessments, analysis of coastal levee systems, and technical reviews.

EDUCATION

MS, Ocean Engineering,
Texas A&M University,
College Station, 1995

BS, Ocean Engineering,
Texas A&M University,
Galveston, 1993

PROFESSIONAL

REGISTRATIONS

Professional Engineer:
NY, SC, LA, AK, MS, TX,
VA

National Council
of Examiners for
Engineering and
Surveying (NCEES)



Deidra Valianti

Environmental Scientist

Deidra has over 7 years of experience as an Environmental Specialist. In particular, Deidra has experience in the transportation sector with a focus on site remediation, National Environmental Policy Act (NEPA) compliance writing and land use permitting for New Jersey, which has given her a well rounded background. Her experience working directly with clients and conducting fieldwork has led to strong communication skills with clients, co-workers and contractors. Deidra is skilled at adapting to the fast-paced work environment of consulting.

EDUCATION

BA, Environmental Studies, Ramapo College of New Jersey, Mahwah, NJ

PROFESSIONAL

MEMBERSHIPS

Society of Women Environmental Professionals, New Jersey Chapter, 2019-Current

National Association of Environmental Professionals, 2020-Current

Women in Transportation, New Jersey Chapter, 2020-Current

BEM Systems, Inc. Diversity and Celebration Committee- Founder and Co-Chair, 2021

American Council of Engineering Companies (ACEC) NJ Chapter Honor Award - Non-Transportation Project for its work on NJ TRANSITGRID Microgrid Central Facility, 2021



Laurie Weaver

Environmental Project Manager / QA/QC Technical Reviewer

EDUCATION

Bachelor of Arts, Biology,
State University of New York
College at Buffalo, Buffalo,
New York, 1999 - Graduated
summa cum laude. Awarded
Outstanding Biology Senior
award.

Laurie is a natural resources and environmental permitting manager with 22 years' experience and a proven track record in environmental assessment and permitting. She has successfully navigated environmental assessment and permitting throughout the U.S., including New Jersey Land Use Regulation Program, New York State Environmental Quality Review Act (SEQR), New York State Public Service Commission (NYSPSC) Article VII, United States Army Corps of Engineers (USACE) 401, 404 and Section 10, New York State Department of Environmental Conservation (NYSDEC), Federal Energy Regulatory Commission (FERC), Bureau of Ocean Energy Management (BOEM), and National Environmental Policy Act (NEPA), and coordinated with United States Fish and Wildlife Service (USFWS). She brings expertise in state and federal wetland delineation, assessment of environmental impacts, alternatives analysis, agency coordination, and the preparation of environmental assessments and permit applications. Her energy project experience includes offshore and onshore wind generation, offshore and onshore high voltage electric transmission, natural gas pipeline, oil pipeline, liquefied natural gas (LNG), and commercial power generation projects.

Joseph Dennis, P.E.

Civil Project Manager

EDUCATION

Bachelor of Science, Civil Engineering, Syracuse University, Syracuse NY, 1987

REGISTRATIONS

Professional Engineer, New York, United States, No. 068834
 Issued: 02/18/1992
 Expires: 09/30/2025

Professional Engineer, New Jersey, United States, No. 24GE05780300
 Issued: 02/11/2022
 Expires: 04/30/2025

Envision Sustainability Professional
 Issued: 03/29/2019
 Expires: 03/29/2023

INDUSTRY TENURE

35 Years

PROFESSIONAL MEMBERSHIPS

None

Mr. Dennis is a Civil Project Manager with experience in environmental, water, wastewater, and stormwater planning and design. Early in his career, Mr. Dennis began working in the area of solid waste planning and disposal. He worked on numerous solid waste disposal facilities preparing design plans and technical specifications for landfill baseliner, storm water control, leachate management and closure of facilities. His experience also includes review of groundwater and hydrogeologic studies, environmental assessments and remedial action plans for brownfield redevelopment.

His experience extends to his involvement working directly with municipalities as their Planning Board Engineering consultant. His experience ranges from small projects such as minor subdivisions to larger projects such as water/sewer/drainage districts, large watersheds, and federal site design. Mr. Dennis is a Licensed Professional Engineer in the states of New York and New Jersey.

Sarah Kirkpatrick, M.Sc.

Assistant Regulatory Specialist

EDUCATION

M.Sc., Environmental Science & Ecology, SUNY Brockport, 2021

B.S., Environmental Biology, SUNY College of Environmental Science and Forestry, 2018

INDUSTRY TENURE

<1 year

Sarah is an assistant regulatory specialist involved in licensing and relicensing efforts for hydropower projects located throughout the northeast U.S. Her experience focuses primarily on Federal Energy Regulatory Commission (FERC) regulatory requirements. Sarah is a skilled research professional with a background in ecological restoration, which serves as a foundation in her current role. Prior to her employment at HDR, Sarah served as a research project assistant for The Research Foundation, where she contributed to a wetland restoration monitoring effort and led independent research as part of her master's thesis. In this role, she designed and implemented her study, managed and analyzed data, and produced technical reports. Sarah has broadened her experience in the regulatory sector and provides ongoing support to many FERC relicensing projects.



Devan Healy

Environmental Scientist

Devan is an Environmental Scientist with more than 10 years of experience including technical and field work. With a BS in Biology and a concentration in Marine Science, Devan's expertise is in habitat assessment, wetland ecology and species identification. As an environmental scientist Devan is responsible for collecting data in the field and organizing that data for the inclusion in reports to determine project needs, concerns, and potential plan revisions. Devan is also responsible for providing insight on how to avoid impacts and provide mitigation plans to threaten and endangered species. Project experience includes wetland delineation field surveys and report writing, working with permitting agencies, habitat restoration and mitigation, and no net loss tree surveys. Devan is also experienced in water quality data collection and analysis.

EDUCATION

BS, Biology, Marine
Science, University of
Tampa

PROFESSIONAL

CERTIFICATIONS

Certificate of Safe
Boating and Personal
Watercraft Operation

SCUBA (PADI)

EMPLOYMENT HISTORY

Harbor Watch
(Earthplace Inc): 2018 -
2022

Greenwich Shellfish
Commission: 2017 - 2020

The Maritime Aquarium:
2014 - 2019

The Stamford Museum
and Nature Center: 2016
- 2018

Ocean Research: 2012

Stephen M. Seymour, PWS

Education

M.S., Public Administration,
Marist College, 1996

B.S., Fishery Biology,
Colorado State University,
1989

AAS, Fish & Wildlife
Technology, State University
of NY at Cobleskill, 1978

Certifications

Certified Professional Wetland
Scientist (Society of Wetland
Scientists; #1218), 1999 to
present

Hazardous Waste Operations
and Emergency Response – 29
CFR 1910.120 (e), (3), (8)

- 40-hour Training
- 8-hour Supervisor's
Training
- 8-hour Refresher

Professional Endeavors

HDR
1983-Present

Experience

Mr. Seymour is a Certified Professional Wetland Scientist and a Senior Project Manager with the Ecological Assessment and Permitting Section of HDR's Natural Resource Management and Permitting Group. He is responsible for environmental assessments in New York, New York Harbor, and New Jersey. He has conducted ecological risk assessments, food chain and bio-accumulation studies, and field surveys to develop and support Remedial Investigation/Feasibility Studies in coordination with the regional NYSDEC offices. Mr. Seymour is also responsible for wetland delineation using the methodologies described in the 1987 USACE manual, the 1989 Federal Interagency Manual, the 2012 North Central/Northeast Regional Supplement, and the 1995 NYSDEC freshwater delineation manual.

Mr. Seymour is also responsible for research, document preparation, and interagency coordination associated with the acquisition of state, federal and local permits associated with wetland, watercourse, and waterfront development. He has extensive experience working with the technical, regulatory, and enforcement staffs of the U. S. Army Corps of Engineers and the NYS Department of Environmental Conservation. He has also worked extensively with the NYS Department of State, NYS Office of General Services, NOAA Fisheries, and the NYC Department of City Planning. He has prepared Essential Fish Habitat assessment reports and Section 7 consultations for endangered/threatened species as part of permitting activities, and has designed wetland mitigation and monitoring programs. He is also a guest lecturer on wetlands, endangered species, and the SEQR process for the New York Water Engineer's Association, NYS Association of Professional Land Surveyors, Manhattan College, and the Orange County, NY Municipal Planning Federation.

Katherine L. Hering, P.E., P.P., C.M.E.
Senior Project Engineer/Manager

YEARS OF EXPERIENCE: 24+ years

TECHNICAL SPECIALITES

Municipal, Planning and Zoning Board Engineer; Construction Inspection and Management; Civil/Land Development Design; Professional Engineering & Planning Testimony; Federal Aviation Administration Permitting; NJDEP Waterfront Development and Flood Hazard Area Individual Permits; NJDEP Freshwater Wetlands Statewide General Permits and Letters of Interpretation; NJDOT Highway Access and Highway Occupancy Permits; NJDCA Plan Review & Release for Construction; Delaware & Raritan Canal Commission Permitting; NJSEA Site Plan applications and permitting; County Planning Board Approval; District Soil Erosion & Sediment Control Certification; Municipal Building Permits

EDUCATION

Duke University, Durham, NC

B.S., Civil Engineering

Georgia Institute of Technology, Atlanta, GA

M.S., Civil Engineering Construction Engineering and Engineering Management

PROFESSIONAL REGISTRATIONS AND AFFILIATIONS

- Professional Engineer: New Jersey License #24GE0422690
- Professional Planner: New Jersey License #33LI00573300
- Certified Municipal Engineer – New Jersey
- Professional Women in Construction

QUALIFICATIONS

Ms. Hering is highly dedicated and driven to deliver quality projects to her clients. Ms. Hering has over 24 years of experience in civil engineering, construction management, permitting and client management. With her strong leadership skills and commitment to details, Ms. Hering has been senior project manager/engineer for numerous capital, utility, roadway, and drainage improvement projects in over 15 municipalities and eight counties in New Jersey. She has served as the Borough Engineer for Metuchen and Leonia and Board Engineer in Metuchen, Atlantic Highlands, Delanco and Montgomery Township. She also served as senior construction administrator overseeing the construction of a multitude of County and municipal capital improvement projects. Ms. Hering is also highly experienced in Federal, State, County and municipal permitting procedures throughout the state of New Jersey and coordinating projects among clients, investors, regulatory agencies and contractors. Ms. Hering earned her bachelor's degree in Civil Engineering from Duke University and her master's degree in Civil Engineering, concentrating in Construction Management, from Georgia Institute of Technology. Ms. Hering is a licensed Professional Engineer and Planner and a Certified Municipal Engineer. She has provided expert Engineering and Planning testimony to over 20 municipal Land Use Boards in New Jersey.

