

CURTIN & DeJOSEPH, P.C.

ATTORNEYS AT LAW

www.curtinlawpc.com

Paul J. Curtin, Jr.
Christina F. DeJoseph

Cynthia M. Curtin *
Of Counsel

*Admitted in California Only

Brian T. Sinsabaugh

July 29, 2016

VIA ELECTRONIC MAIL

Hon. Kathleen H. Burgess, Secretary
N.Y.S. Board on Electric Generation
Siting and the Environment
Three Empire State Plaza
Albany, New York 12223-1350
Email: secretary@dps.ny.gov

Re: Request for Intervenor Funding for Case 15-F-0327, Application of Galloo Island Wind LLC for a Certificate of Environmental Compatibility and Public Need Pursuant to Article 10 to Construct a Wind Energy Project

Dear Secretary Burgess:

Our office represents the intervenor the Town of Hounsfield (the "Town") in the above referenced Article 10 case before the New York State Board of Electronic Generation Siting and the Environment (the "Board").

On July 8, 2016, our firm submitted two Request for Intervenor Funds applications on behalf of the Town of Hounsfield, including one application made for funding proposed services by Barton & Loguidice. It is my understanding that the Board has requested clarification of the information provided in Barton & Loguidice's response to Section 6(a) of such application regarding "new transmission facilities."

Please let this letter serve as notice and clarification to the Board, and to all parties, that the Town of Hounsfield's Request for Intervenor Funds application for funding proposed engineering services by Barton & Loguidice, requests funding to allow for proper studies by Barton & Loguidice on the major electric generation facility to be located on Galloo Island within the Town of Hounsfield, as previously defined in the Preliminary Scoping Statement dated June 2016 and prepared by Environmental Design & Research (EDR) for Apex Clean Energy. Such major electric generation facility includes the installation and operation of up to 32 wind turbines, approximately 14 miles of associated electric collection lines and access roads, collection substation, two permanent meteorological towers, one operation and maintenance building with potable and waste water treatment, a barge landing site, a permanent structure for overnight accommodations, a helicopter landing site, a borrow area, a temporary batch plant, and a temporary construction staging/laydown area. See Environmental Design & Research, Landscape Architecture, Engineering & Environmental Services, D.P.C., Preliminary Scoping Statement: Galloo Island wind Energy Facility (Case No. 15-F-0327) (June 2016).

To ensure future clarity, Barton & Loguidice has amended its response to Section 6(a) of the Town of Hounsfield's Request for Intervenor Funds, as previously filed with the Secretary on July 8, 2016:

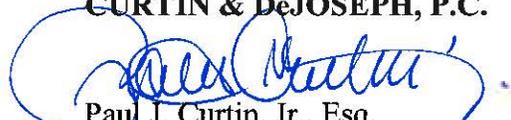
On behalf of the Town of Hounsfield, Barton & Loguidice staff will:

- 1) *Conduct a detailed review of the applicant's Scoping Document to insure that the potential environmental impacts will be thoroughly and properly analyzed in accordance with federal and state mandated guidelines and/or standard accepted procedures.*
 - a) *The potential environmental impacts associated with the proposed electric generation facilities on lands located within the Town of Hounsfield may include some or all of the following:*
 - i) *Wetlands and Water Resources Impacts*
 - ii) *Topography, Geology, and Soils Impacts*
 - iii) *Land Use Impacts*
 - iv) *Wildlife and Aquatic Resources Impacts*
 - v) *Threatened and Endangered Species Impacts*
 - vi) *Vegetation Impacts*
 - vii) *Protected Lands Impacts*
 - viii) *Cultural Resources Impacts*
 - ix) *Noise Impacts*
 - x) *Visual Resources Impacts*
 - xi) *Public Health Impacts*
 - xii) *Socioeconomic Impacts*
 - xiii) *Utilities and Infrastructure Impacts*
 - xiv) *Transportation Impacts*
- 2) *Review the applicant's proposed criteria and methodology for the establishment of site baseline conditions to insure that the subsequent evaluation and/or comparison of estimated environmental impacts vs. baseline conditions is applicable and accurate.*
- 3) *Review the scope of proposed studies and/or field investigations to be performed by the applicant and make specific recommendations, if necessary, regarding the extent of the study area, data collection methods, etc.*

An amended Request for Intervenor Fund application reflecting the above changes is attached hereto. Please contact me if you have any further questions or concerns. Thank you.

Very truly yours,

CURTIN & DeJOSEPH, P.C.


Paul J. Curtin, Jr., Esq.
Email: pcurtin@curtinlawpc.com

PJC/jmm
Enclosed.

Cc: Party List

Request for Intervenor Funds

Instructions: Provide all applicable information by filling in the text boxes as indicated. If necessary, attach additional information in a separate document.

This request is to be submitted either electronically (preferred) or by regular mail.

To submit this request electronically, save your changes and attach it to an e-mail sent to:
secretary@dps.ny.gov

To submit this request by regular mail, print it and mail it to:

Secretary,
NYS Board on Electric Generation
Siting and the Environment
3 Empire State Plaza
Albany, NY 12223

Copies must also be submitted to the Presiding Examiner and other parties to the proceeding.

TO THE SECRETARY:

I hereby provide a request for intervenor funds in the following Article 10 case before the NYS Board on Electric Generation Siting and the Environment:

Case Number: 15-F-0327

Title of Case: Application of Galloo Island Wind LLC for a Certificate of Environmental Compatibility and Public Need Pursuant to Article 10 to Construct a Wind Energy Project.

Name of Party: Town of Hounsfield

Contact Person: Dan Fitzgerald, Senior Dir. - Apex Clean Energy; Timothy Scee - Town Supervisor

Firm Name: N/A

Contact Address: Apex Clean Energy Holdings, LLC
310 4th Street NE, Suite 200, Charlottesville, VA 22902
Town of Hounsfield
18774 County Rte. 66, Watertown, NY 13601

Contact Telephone Number: Apex Clean Energy - (518)429-0229; Town of Housfield - (315)804-3161

Contact E-mail Address: dan.fitzgerald@apexcleanenergy.com; satsunmore@twcny.rr.com

Amount of Funds Requested: \$25,000.00

IF NECESSARY, ATTACH ADDITIONAL INFORMATION IN A SEPARATE DOCUMENT.

The basis of eligibility for intervenor funds is as follows: (Check one)

- Eligible Municipal Party** [County, city, town or village located in New York State that may be affected by the proposed major electric generating facility]
- Eligible Individual Local Party** [Person residing in a community who may be individually affected by the proposed major electric generating facility]
- Eligible Group Local Party** [Persons residing in a community who may be collectively affected by the proposed major electric generating facility]

1(a) Provide a statement of the number of persons the requesting party represents:

The requesting party represents the intervenor the Town of Hounsfield (hereinafter, the "Town").

1(b) Provide a statement of the nature of the interests the requesting party represents:

The Town, being a municipality located in Jefferson County, New York, submits this request for intervenor funds on behalf of all taxpayers and residents of the Town, who will be impacted by the construction of the wind energy generating facilities proposed in the Application because they are proposed to be constructed on land situated within the Town. The Town seeks intervenor funds to allow it to meaningfully participate in the pre-application phase of the project and to fully represent all of its interests.

2(a) Provide a statement of the efforts that have been made to obtain funds from other sources:

The Town has limited financial resources and no funds budgeted or available for this purpose. Funding for operating municipal services is raised principally from property taxes and is limited. The Town is unaware of any other sources of funding that would be available to facilitate their participation in this proceeding.

2(b) Provide a statement of the availability of funds from the resources of the requesting party:

The Town has limited financial resources and no funds budgeted or available for this purpose. Funding for operating municipal services is raised principally from property taxes and is limited. The Town is unaware of any other sources of funding that would be available to facilitate their participation in this proceeding. Without intervenor funding, the Town does not have adequate funding needed to fully represent its interests.

2(c) Provide a statement of the availability of funds from the resources of sources other than the requesting party:

Aside from intervenor funds, the Town is unaware of any other sources of funding that would be available to facilitate their participation in this proceeding.

3(a) Indicate the type of funds being sought: (Check one)

- Pre-Application Stage Funds** [Generally available upon the filing by the Project Applicant of a Preliminary Scoping Statement (PSS)]
- Application Stage Funds** [Generally available upon the filing by the Project Applicant of an Article 10 Application]

IF NECESSARY, ATTACH ADDITIONAL INFORMATION IN A SEPARATE DOCUMENT.

3(b) State the amount of funds being sought:

The total estimated fee for Barton & Loguidice' involvement with the review of the applicant's Scoping Document is \$25,000.

4(a) If expert witnesses, consultants, attorneys, or others are to be employed, provide to the extent possible, the name and qualifications of each person to be employed:

Barton & Loguidice's environmental staff includes a Certified Wildlife Biologist® (CWB), certified Professional Wetland Scientist (PWS), as well as a suite of ecologists with extensive experience in environmental impact assessment, botany, wildlife, fisheries, wetlands, stream ecology, and threatened and endangered species. Staff proposed for this review have between 10 and 27 years of experience conducting field studies and environmental reviews for development projects throughout New York, including numerous linear utility projects, and at least one project that required a major river crossing. They have provided peer review of environmental and engineering submittals to municipalities throughout New York and neighboring states, and provide professional, fair, science-based recommendations for compliance with regulations. B&L also has experienced electrical engineers, civil/environmental engineers, hydrogeologists, and urban planners for review services associated with their specific expertise.

Resumes for the professionals anticipated to be involved with the review on behalf of the Town of Hounsfield are attached hereto.

IF NECESSARY, ATTACH ADDITIONAL INFORMATION IN A SEPARATE DOCUMENT.

- 4(b) If expert witnesses, consultants, attorneys, or others are to be employed and it is not possible to provide the name of each person to be employed, provide for each person that cannot be named a statement of the necessary professional qualifications for the person:

N/A

- 5 Provide, if known, the name of any other interested person or entity who may, or is intending to, employ any such expert witnesses, consultants, attorneys, or others:

N/A

IF NECESSARY, ATTACH ADDITIONAL INFORMATION IN A SEPARATE DOCUMENT.

6(a) For all expert witnesses, consultants, attorneys, or others to be employed, provide a detailed statement of the services to be provided:

On behalf of the Town of Hounsfield, Barton & Loguidice staff will:

1) Conduct a detailed review of the applicant's Scoping Document to insure that the potential environmental impacts will be thoroughly and properly analyzed in accordance with federal and state mandated guidelines and/or standard accepted procedures.

a) The potential environmental impacts associated with the proposed electric generation facilities on lands located within the Town of Hounsfield may include some or all of the following:

- i) Wetlands and Water Resources Impacts
- ii) Topography, Geology, and Soils Impacts
- iii) Land Use Impacts
- iv) Wildlife and Aquatic Resources Impacts
- v) Threatened and Endangered Species Impacts
- vi) Vegetation Impacts
- vii) Protected Lands Impacts
- viii) Cultural Resources Impacts
- ix) Noise Impacts
- x) Visual Resources Impacts
- xi) Public Health Impacts
- xii) Socioeconomic Impacts
- xiii) Utilities and Infrastructure Impacts
- xiv) Transportation Impacts

2) Review the applicant's proposed criteria and methodology for the establishment of site baseline conditions to insure that the subsequent evaluation and/or comparison of estimated environmental impacts vs. baseline conditions is applicable and accurate.

3) Review the scope of proposed studies and/or field investigations to be performed by the applicant and make specific recommendations, if necessary, regarding the extent of the study area, data collection methods, etc.

6(b) For all expert witnesses, consultants, attorneys, or others to be employed, provide a detailed basis for the fees requested, including hourly fee, wage rate, and expenses:

Based on their experience in conducting the detailed review and evaluation of Scoping Documents prepared by others for similar projects, Barton & Loguidice has estimated that the following level of effort will be required for the Scoping phase of this project:

- 1) Wetlands and Water Resources Impacts: Est. 16 hours of staff time
- 2) Topography, Geology, and Soils Impacts: Est. 8 hours of staff time
- 3) Land Use Impacts: Est. 16 hours of staff time
- 4) Wildlife and Aquatic Resources Impacts: Est. 16 hours of staff time
- 5) Threatened and Endangered Species Impacts: Est. 16 hours of staff time
- 6) Vegetation Impacts: Est. 8 hours of staff time
- 7) Protected Lands Impacts: Est. 16 hours of staff time
- 8) Cultural Resources Impacts: Est. 8 hours of staff time
- 9) Noise Impacts: Est. 16 hours of staff time
- 10) Visual Resources Impacts: Est. 16 hours of staff time
- 11) Public Health Impacts: Est. 16 hours of staff time
- 12) Socioeconomic Impacts: Est. 16 hours of staff time
- 13) Utilities and Infrastructure Impacts: Est. 8 hours of staff time
- 14) Transportation Impacts: Est. 16 hours of staff time

Total No. of Estimated Hours = 192 hours

Based on an average hourly billing rate of \$125/hour for Barton & Loguidice staff, the estimated level of effort is: 192 hours x \$125/hour = \$24,000. Including an amount of \$1,000 for direct reimbursable expenses (mileage, photocopying, etc.), the total estimated fee for Barton & Loguidice' involvement with the review of the applicant's Scoping Document is \$25,000.

IF NECESSARY, ATTACH ADDITIONAL INFORMATION IN A SEPARATE DOCUMENT.

- 6(c) For all expert witnesses, consultants, attorneys, or others to be employed during the Pre-Application Stage, provide a detailed statement specifying how such services and expenses will make an effective contribution to review of the Preliminary Scoping Statement and the development of an adequate scope of appropriate studies for the application to be submitted and thereby provide early and effective public involvement:

Barton and Loguidice and the Town of Housfield will provide a local perspective regarding the impacts of these proposed facilities and their upgrades in conjunction with the and other existing energy infrastructure already located in the area. Barton and Loguidice will provide an evaluation of potential impacts of the proposed facilities and their potential impacts on existing natural resources (wetlands, waterways, fish & wildlife resources), water quality, recreational use, commercial shipping traffic, and the existing above ground and underwater transmission facilities.

IF NECESSARY, ATTACH ADDITIONAL INFORMATION IN A SEPARATE DOCUMENT.

- 6(d) For all expert witnesses, consultants, attorneys, or others to be employed during the Application Stage, provide a detailed statement specifying how such services and expenses will contribute to the compilation of a complete record as to the appropriateness of the site and facility and will facilitate broad participation in the proceeding.

N/A

IF NECESSARY, ATTACH ADDITIONAL INFORMATION IN A SEPARATE DOCUMENT.

7(a) For any study to be performed, a description of the purpose of the study:

No studies are anticipated to be performed by Barton and Loguidice in the Pre-Application Stage

7(b) For any study to be performed, a description of the methodology and a statement of the rationale supporting the methodology:

No studies are anticipated to be performed by Barton and Loguidice in the Pre-Application Stage

7(c) For any study to be performed pursuant to any proposed methodology that is new or original, explaining why pre-existing methodologies are insufficient or inappropriate:

No studies are anticipated to be performed by Barton and Loguidice in the Pre-Application Stage

IF NECESSARY, ATTACH ADDITIONAL INFORMATION IN A SEPARATE DOCUMENT.

- 7(d) For any study to be performed, provide a description of the timing for completion of the study and a statement of the rationale supporting the timing proposed:

No studies are anticipated to be performed by Barton and Loguidice in the Pre-Application Stage

- 8(a) For any study to be performed, a statement as to the result of any effort made to encourage the applicant to perform the proposed studies or evaluations and the reason it is believed that an independent study is necessary:

It is not anticipated that Barton and Loguidice will perform any studies during the application process.

- 9 For all expert witnesses, consultants, attorneys, or others to be employed, provide a copy of any contract or agreement or proposed contract or agreement with each such expert witness, consultant, attorney, or other person.

Will not be available until intervenor funds have been approved for Barton and Loguidice

IF NECESSARY, ATTACH ADDITIONAL INFORMATION IN A SEPARATE DOCUMENT.

10 Provide a statement of any additional justification for the funding request not already addressed above:

N/A

RESUMES

Timothy W. Bolan, P.E.
Vice President



Years of Experience

29

Education

B.S. Electrical & Computer
Engineering - Clarkson
University, 1987

Professional Registrations

Registered Professional Engineer
New York, Pennsylvania,
Connecticut, Maine, Maryland,
North Carolina, New Hampshire,
Florida, Virginia, Massachusetts

Professional Affiliations

Institute of Electrical and
Electronics Engineers (IEEE)

Summary

Mr. Bolan has extensive facility related electrical design and electrical operations experience involving industrial, municipal, private, and federal clients. He is in charge of oversight of our facilities electrical design staff.

Mr. Bolan's typical design responsibilities include: short circuit, voltage drop, protective device coordination, load/demand studies, energy conservation methods and recommendations, NEC/NFPA Code Compliance, life cycle analysis, drawing and specification development, cost estimating, and equipment selection.

Landfill Gas to Energy

He has designed landfill gas to energy (LFGTE) interconnect substations to connect 4.8 and 6.4 MW generating plants to utility 34.5 kV sub-transmission lines. Current project design of a 115kV three-breaker ring bus substation to interconnect a LFGTE generating facility to a 115kV transmission line also includes design of a step-up substation and two-mile long 34.5 kV overhead interconnect line.

Emergency Power Systems

He has designed emergency power systems for several clients. Equipment includes engine-gen sets up to 2.25 MW and fueling systems such as diesel, natural gas, and propane, including transformer and switchgear replacement projects for two SUNY campuses and a 13.2 kV campus-wide distribution upgrade for one of the campuses.

Facility Electrical Design

Mr. Bolan's facility design experience includes water/wastewater treatment facilities, airport terminal designs, chiller/boiler replacement projects, computer network, phone/PA system, security system design for schools, airport/maintenance fueling storage and dispensing systems, industrial test stand design for 500 hp motors/compressors, and a 12,000 seat multi-purpose stadium.

In addition, Mr. Bolan was responsible for the operations and maintenance of a large industrial (pharmaceutical manufacturer's) electrical distribution system consisting of two 115kV substations with 115kV primary and 4.16kV secondary distribution, 30 megawatt load, and the campus process/heating steam system consisting of four 80,000 #/hr. dual fuel boilers.

Waste Treatment Facility Design

Mr. Bolan has done the electrical design for waste treatment facility retrofits; new facilities, packaged treatment systems, and pumping stations ranging from .25 MGD to 20 MGD capacity. Electrical design responsibilities include new electrical service, service upgrades, VFD design for pumping control, PLC/SCADA control and monitoring of wastewater treatment facilities, telemetry, fire alarm

Timothy W. Bolan, P.E.

Vice President



and UPS life safety systems, CCTV/security systems explosion-proof design considerations, power distribution, and lighting design.

SCADA Design

Mr. Bolan has been involved in the SCADA design for many of B&L's water and wastewater projects. These projects have included variable frequency drives, PLC based controls, landline or radio based telemetry, hardware improvements and software including trending, web access for personnel/supervisors and off-site notification of alarm and system status.

Relevant Project Experience

Cummins DSWA Cherry Island LFG Pipeline, Wilmington, DE, Cummins Power Solutions - B&L provided siting, design, permitting, and construction management for a LFG pipeline from DSWA's Cherry Island Landfill to industrial end users. Work also includes site work, facilities design, and permitting of multiple 2 MW CHP engine gen sets at various end users to provide electrical power and offset thermal loads at the industrial sites.

Cornell University Computing and Information Science Building (2012) - B&L was retained as part of a team lead by Morphosis Architects to design the new signature facility. The project site will accommodate the building, streetscape and landscape, vehicular parking, ADA compliant pedestrian access, bicycle accommodations, maintenance / emergency access with the greatest efficiency. B&L is responsible for site design, landscape design, and site utility design (storm water, water, sewer, chilled water, steam, and electrical). B&L's services also include oversight of the team's Survey and Geotechnical sub-consultants, and providing sustainable site design contribution towards LEED Silver certification through green infrastructure such as porous pavements, plantings, and other sustainable design features.

Carlyle Compressor Labs Relocation, Carrier Corporation - As part of company-wide restructuring program, Carrier Corporation relocated the Carlyle Compressor Division engineering laboratories. B&L assisted Carrier with the planning and design, including strip-out and renovation of an existing WWII vintage timber-framed building to house nearly 90 employees. As part of this project, 70 equipment testing stands requiring multiple electrical and piped utility service connections were disconnected, moved and re-commissioned. In the renovated space, 13 new bridge cranes and 11 new jib cranes were installed. B&L also designed a new 2,400-square-foot mechanical room addition to house the chillers, pumps and electrical gear required to support the new laboratory. A total of 1,100 tons of chiller capacity with a 14,000-gallon thermal "flywheel" tank was installed to support the stringent temperature conditions necessary at the test stands. HVAC work included seven steam-heating/chilled water cooling central air handling units, air distribution ductwork, a clean room HVAC system, direct digital control system, and the chilled water plant and distribution system.

Johanna E. Duffy, AWB®

Senior Project Environmental Scientist

Years of Experience

9

Education

A.A.S. Fisheries and Wildlife Technology, State University of NY College of Agriculture and Technology at Cobleskill, 2002

B.T. Wildlife Management, State University of NY College of Agriculture and Technology at Cobleskill, 2003

M.P.S. Wetland and Water Resources, State University of NY College of Environmental Science and Forestry, 2009

Professional Advancement & Accreditations

Associate Wildlife Biologist (AWB) Certification, The Wildlife Society

US Army Corps
Northeast/Northcentral
Regional Supplement Training
Principles & Techniques of
Electrofishing (by corresp.),
USFWS National Conservation
Training Center

Myotis sodalis Study Techniques
Workshop

Phase I Bog Turtle Training,
PennDOT

Hazardous Waste Operations
Health & Safety (initial 40-hr
course, current annual 8-hr
refresher course)

Professional Affiliations

Chair: 2013-2016, NYS Wetlands
Forum (NYSWF)

The Wildlife Society (TWS), NYS
Chapter Secretary

Society of Wetland Scientists
(SWS)

Summary

Ms. Duffy's experience and primary duties are associated with wetland site delineation and permitting, endangered and threatened species assessments and habitat surveys, ecological monitoring, environmental regulations, hazard mitigation, and hazardous waste and environmental site assessments. These services are performed for a wide spectrum of project types, ranging from bridge replacements to recreational trail planning to solid waste facilities.

Ms. Duffy has completed wetland delineation and assessment work around New York State and continues to work with a variety of private and public clients to fulfill their natural resource permitting needs. Prior projects have required Ms. Duffy to coordinate with the U.S. Army Corps of Engineers (USACE) Buffalo and New York Districts, the NYS Department of Environmental Conservation (NYSDEC), and the Adirondack Park Agency (APA). Ms. Duffy has also performed numerous SEQRA reviews for a variety of projects, including some that required the completion of an Environmental Impact Statement (EIS). Additionally, she is experienced in NEPA processing, the Section 404 and Section 10 federal permit programs, and New York State's Environmental Conservation Law (ECL) regulations and permit requirements.

Relevant Project Experience

- Completion of routine and comprehensive wetland delineations and assessments
- Wetland and upland vegetative cover-type mapping and vegetative sampling
- Stream, boat and backpack electrofishing
- Macro and micro invertebrate sampling and identification
- Plant species identification ranging from upland forested species to obligate wetland herbaceous species, including grasses, rushes and sedges
- Endangered and threatened species surveys
- Trapping and identifying reptiles and amphibians for the New York State Herp Atlas Project
- Trapping and identifying small mammals for site biologic inventories
- Black bear immobilization and research
- Songbird, bird of prey and waterfowl capture and banding
- Identification of songbirds by sight and vocalizations for the Breeding Bird Survey
- Identification of frogs and toads by vocalizations for site assessments
- Hazard mitigation planning, organizing, grant funding applications
- Water quality sampling and monitoring
- Wetland and ecological restoration

Johanna E. Duffy, AWB®

Senior Project Environmental Scientist

Seneca Falls Gas Pipeline Wetland Delineation and Environmental Impact Assessment, Town of Seneca Falls, New York

B&L delineated all of the wetlands along the proposed 6-mile pipeline route and conducted field surveys to determine if appropriate habitat existed to support federal and state-listed endangered species. The project team then prepared federal wetland permit applications and addressed potential concerns about federally endangered species along the route. Plans were developed to avoid and minimize adverse impacts to most of the wetlands. Ms. Duffy provided QA/QC and provided a technical review of the wetland report for the project.

Constantia and Toad Harbor North Shore Water System, Towns of Constantia and Toad Harbor, New York

This project included construction of 22 miles of new 16-, 12-, and 8-inch ductile iron water main, a 500,000-gallon water storage tank, and two (2) control valves. The North Shore Water System includes areas adjacent to the north shore of Oneida Lake. Water supply for this system is allocated by the Onondaga County Water Authority (OCWA). B&L provided preliminary and final design services for the complete water supply system. Ms. Duffy assisted with SEQRA processing; wetland field delineation, mapping, and reporting efforts; environmental permitting and wetland impact analysis; and the threatened & endangered species habitat assessment for the project.

Eastern Shore Water System, Towns of Richland and Sandy Creek, New York

B&L developed a joint water distribution project to provide public water service to new water districts in the Towns of Richland and Sandy Creek. The project eliminated various community water systems that were contaminated and provided public water to many small lakeshore properties that lacked adequate drinking water. The new water system serves over 880 developed properties in Richland Water District No. 3 and Sandy Creek Water District No. 1. The installation of 11.4 miles of new 8-inch ductile iron water main was the focus of this project. Ms. Duffy managed the wetland field delineation and subsequent reporting for the project. She also assisted in obtaining the environmental permits for the project and providing technical review of the threatened & endangered species habitat assessment conclusions and impact analysis. A detailed bog turtle (*Clemmys muhlenbergii*) habitat assessment was required.

Bridgeport Sewer District, Town of Sullivan, New York

B&L completed final design, bid and construction phase services for the Bridgeport Sewer District in the Town of Sullivan. Planned infrastructure includes roughly 12 miles of 1.5 to 12-inch force main, 2.5 miles of gravity sewer, two (2) pumping stations, and approximately 360 residential shared and individual grinder pumps to serve the 660 occupied parcels in the sewer district. Ms. Duffy completed the threatened & endangered habitat assessment work for this project, in addition to finalizing the field wetland delineation. Due to the size of this project, considerable coordination with the US Army Corps of Engineers and the NYSDEC was required during the project's environmental permitting phase. Ms. Duffy was also involved in a complex Section 106 consultation and review process that was completed for the project.

Stephen B. Le Fevre, P.G., C.P.G.

Managing Hydrogeologist

Years of Experience

26

Education

B.S. Geology, Hope College,
1981

M.S. Geology, Baylor University,
1989

Professional Registrations

Licensed Professional Geologist
WY, KY, PA, WI

Certified Professional Geologist
OSHA 40-Hour Safety Training
Program

Professional Affiliations

American Institute of
Professional Geologists (AIPG)

Association of Engineering
Geologists (AEG)

Hudson Mohawk Professional
Geologist Association (President
2007-2008)

Professional Certification

ASTM Training on Phase I and
Phase II Environmental Site
Assessments for Commercial
Real Estate, 2012

Summary

Mr. Le Fevre has extensive experience working as a hydrogeologist on a wide variety of projects in New York State. His technical expertise in the following areas include: Phase I and Phase II environmental site assessments, USEPA-funded Brownfields assessment and cleanup projects, landfill closure and transfer station design, environmental permitting, preparation of draft environmental impact statements (DEIS), hazardous waste investigations, including remedial investigation/feasibility studies (RI/FS), groundwater supply development and aquifer analysis, preparation of documentation in support of SEQRA determinations, review of SEQRA submittals, and mining permit applications and mined land use plans.

Relevant Project Experience

Esplanade Waterfront Redevelopment Project, City of Mechanicville, NY - B&L provided environmental support services to the City Council in the SEQRA review of a long environmental assessment form and supporting environmental documentation for a proposed mixed-use apartment complex on the Hudson River in the City of Mechanicville. B&L also assisted in the drafting of the rezoning of property to incorporate pedestrian oriented pavement standards, floor area ratios, and sustainable design considerations. The proposed Esplanade development will consist of six, four-story buildings and one, three-story building that will include one hundred and seventy six (176) residential housing units and commercial space along the Hudson River.

DEIS Review Services, Quarry Expansion, Town of Schoharie - B&L provided an assessment of the environmental impacts associated with the 69-acre quarry expansion being proposed by Cobleskill Stone Products in the Town of Schoharie. A meeting was held with Town residents and the Town Board to collect information and observations regarding environmental impacts from the current quarry operation-specifically, groundwater quantity and quality, noise levels, and dust levels. B&L provided a written assessment of the identified environmental impact areas and submitted it to the NYSDEC for review. B&L reviewed all scoping documents to ensure that all of the Town's identified concerns had been fully incorporated. To ensure proper drilling techniques, B&L provided on-site inspection services at Cobleskill Stone Products and collected geologic and hydrogeologic field data for the DEIS.

Highland Square PUDD EIS Review, Town of Lloyd - B&L performed a review of this Planned Unit Development District's EIS, Rezoning request for PUD, and Site Plan. The project is situated at the intersection of two state highways in a prominent location in the Town and included a rezoning and 3 lot subdivision to create a mixed use development containing a 220-bed assisted living and Alzheimer care facility, a 30,000-square-foot physical therapy and medical office, a 129,000-square-foot retail center, and a bank. As part of the SEQRA public information requirements, B&L assisted the client by creating a project page on our website that includes the DEIS: www.bartonandloguidice.com/LloydDEIS.htm

Stephen B. Le Fevre, P.G., C.P.G.

Managing Hydrogeologist

Mountainside Woods EIS Review, Town of Lloyd - B&L is currently assisting the Town with the review of this EIS, Rezoning request, and Site Plan and will assist with the preparation of the Final EIS. The residential development project is near the Historic Highland Hamlet and situated on an important parcel of land which extends up the slope of highly visible and the environmentally sensitive Illinois Mountain. The proposed project includes about 153 acres, of which 40 acres would be developed into 175 single family residential lots and the remaining lands would be protected by a conservation easement and dedicated to the Town or local not-for-profit as open space.

USEPA Brownfields Phase I and Phase II Environmental Site Assessment Project, City of Glens Falls - Mr. Le Fevre is currently serving as the Project Manager for the USEPA Brownfields Environmental Site Assessment project for the City. The City of Glens Falls was awarded a \$200,000 Brownfield Assessment Grant from the USEPA to conduct environmental site assessments of underutilized properties within the South Street Corridor area, referred to as the Downtown Neighborhood Brownfields Program. B&L is conducting USEPA-approved Phase I ESAs and subsequent Phase II site investigations on select City and privately owned properties to determine the contamination source(s), and to identify, evaluate, and select a long-term remedial action that is cost effective and environmentally sound. In conjunction with the Phase I ESAs, B&L is also conducting asbestos and lead-based paint surveys of select properties to determine if the abatement of asbestos and/or lead-based paint will be required prior to future renovation or demolition activities.

Environmental Restoration Brownfield Project, City of Rome, NY - Mr. Le Fevre is serving as the project manager on the City of Rome ERP project. The City retained the services of B&L to prepare a Site Investigation and Remedial Alternatives Report for the five properties located within the City of Rome in accordance with NYSDEC criteria. The five sites, ranging in size from 0.31 acres to 2.85 acres, were formerly used as petroleum bulk storage facilities (two sites), a textile mill and machine shop, a sawmill manufacturing facility, and gasoline station/automobile repair facilities (two sites). B&L is also administrating a \$200,000 U.S. Environmental Protection Agency Brownfield Assessment grant that the City was awarded.

Brownfield Opportunity Area Pre-Nomination Study, Town of Rotterdam
B&L prepared and submitted a grant application to the New York State Department of State for the performance of a BOA Nomination Study of an approximately 570-acre area that encompasses the hamlet of Rotterdam Junction in Schenectady, NY. Located along the shoreline of the Mohawk River, the hamlet of Rotterdam Junction is characterized by the presence of seven or more potential brownfield sites situated in close proximity to a segment of the historic Erie Canal, a 25-mile leg of the Canalway Trail/Mohawk-Hudson Bikeway, and Town-owned property.

Charles A. Voss, AICP

Senior Land Use Planner

Years of Experience

22

Education

M.S., Land Use/Environmental Planning – Center for Urban & Environmental Studies, Rensselaer Polytechnic Institute, 1991

B.A., Political Science, University of Maine, 1986

Professional Certification

American Institute of Certified Planners Certification (AICP)

Publications

"Preparing an Environmental Impact Statement" - Capital District Business Review, January 31, 2000, Vol. 26, No. 43.

Professional Affiliations

Planning Board Chairman, Town of New Scotland

New Scotland Comprehensive Plan Committee Member

American Institute of Certified Planners (AICP) Member

American Planning Association (APA) Member

Upstate New York Chapter of the APA Member

Capital District Planners Association Member

Summary

Mr. Voss has extensive planning and public participation experience where he has been responsible for the review and development of planning-related projects for many municipalities, private sector consultants, state agencies, and local special interest organizations. He has extensive experience maintaining oversight of the development of grant and funding opportunities for municipal clients. He has been responsible for the project management oversight of several active planning projects while maintaining on-going fiscal accountability for all active projects. Mr. Voss continuously fosters positive, long-term client interaction and relations, and has the following skills:

- Comprehensive master plan development
- Zoning ordinance & map development
- Commercial design standards
- Municipal planning & zoning board project review
- Environmental Impact Statement development and preparation
- Comprehensive SEQRA Review.
- Complete site plan review for residential and commercial development projects
- Farmland & open space conservation planning
- Transportation corridor studies
- Parks & recreation planning
- Adirondack Park Agency land use map amendments
- NYS Empire Zone applications & boundary amendments
- Community outreach, visioning and consensus building
- Grant writing and funding development

Relevant Project Experience

Highland Square PUDD EIS Review, Town of Lloyd = B&L performed a review of this Planned Unit Development District's EIS, Rezoning request for PUD, and Site Plan. The project is situated at the intersection of two state highways in a prominent location in the Town and included a rezoning and 3 lot subdivision to create a mixed use development containing a 220-bed assisted living and Alzheimer care facility, a 30,000-square-foot physical therapy and medical office, a 129,000-square-foot retail center, and a bank. As part of the SEQRA public information requirements, B&L assisted the client by creating a project page on our website that includes the DEIS: www.bartonandloguidice.com/LloydDEIS.htm

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Cottage Place Gardens Redevelopment SEQRA and NEPA Consulting Services, City of Yonkers - B&L was retained to coordinate the complete environmental review of this major downtown urban redevelopment project in compliance with the State Environmental Quality Review Act (SEQRA), including administrative, planning, and scoping for all of the environmental and technical issues. The Cottage Place Gardens Redevelopment project encompasses three city blocks and will consist of the demolition and removal of multiple existing buildings and the reconstruction of approximately 300 housing units in Downtown Yonkers.

Chittenango Community Design Guidelines and Zoning Updates - B&L assisted in the formulation, adoption and implementation of site improvement and architectural design guidelines for their historic downtown and primary transportation corridors. The guidelines were developed in response to a need identified during planning phases to develop a set of unique standards that would allow the Village to make informed and sound design decisions during the development review process. Upon completion of the guidelines, B&L assisted with zoning law updates, to help them implement the design guidelines. The revised zoning laws were adopted in October 2010. Mr. Voss was a land use planner on this project.

Esplanade Waterfront Redevelopment Project, City of Mechanicville, NY
Barton & Loguidice provided environmental support services to the City Council in the SEQR review of a long environmental assessment form and supporting environmental documentation for a proposed mixed-use apartment complex on the Hudson River in the City of Mechanicville. B&L also assisted in the drafting of the rezoning of property to incorporate pedestrian oriented pavement standards, floor area ratios, and sustainable design considerations.

Town of Forestburgh Zoning Code & Map Revisions - Mr. Voss is assisting the Town's Zoning Review Committee with multiple updates and revisions to their existing land use codes and zoning map. The Town has not updated their codes since 1978, and B&L is preparing numerous new code sections to support the Town's comprehensive plan goals and strategies. Mr. Voss has provided a completely revised Major and Minor Subdivision Code, created a new Adult Uses code, drafted design guidelines for the existing commercial zone, and provided new agricultural overlay zoning to guide new and existing agricultural uses across the community.

Downtown Revitalization Grant Project, Mechanicville, NY - B&L provided design guidelines based on the City's Downtown Revitalization Plan. B&L coordinated a meeting and bus tour for numerous funding agencies to showcase the opportunities for projects that can serve to increase tourism, create jobs, improve pedestrian access, share services, upgrade recreational facilities, and provide for business growth in the downtown business core. B&L has obtained over \$11 million in grants.

