

JOHN S. BLAISDELL, PRINCIPAL

Education

- BS, Business Administration, Whittemore School of Business and Economics, University of New Hampshire, Durham, NH, 1991-1995. Additional UNH undergraduate coursework – Environmental Conservation
- Coursework – Geographic Information Systems, NC State University, Raleigh, NC, 2001

Certifications/Training

- OSHA 29 CFR 1910.120 - 40-Hour HAZWOPER Certification
- OSHA 10-Hour Construction Safety & Health Training
- S.W.A.N.A. Construction and Demolition Debris Manager (Certified Faculty)
- US Army Corps of Engineers Contractor Quality Control (CQC) Certification
- Asbestos Inspector Training (24-Hour and Refreshers)

Present Position

Mr. Blaisdell is a principal and partner at GSE and has been with the firm since 2001. Mr. Blaisdell has over 12 years of experience with project management in the general civil/environmental and recycling/solid waste management fields. Mr. Blaisdell oversees GSE's federal services program involving civil and environmental construction and remediation services. Additionally, Mr. Blaisdell specializes in private and public sector solid waste projects, and has extensive experience with solid waste facility permitting, start-up and financing, operations, compliance, and growth. Mr. Blaisdell has assisted in the establishment or expansion of over 50 recycling/solid waste entities.

Federal Services

Mr. Blaisdell oversees GSE's federal services program involving civil and environmental construction and remediation services. Mr. Blaisdell's expertise is in providing project and program management for large complex federal projects. He is responsible for maintaining client relations and overseeing projects from start to completion. He is responsible for ensuring that GSE delivers projects on time and within budget, while exceeding the client's expectations.

Mr. Blaisdell is a member of the Board of Directors of the Society of American Military Engineers (SAME) – Boston Post, as well as the Chairman of the Post's Small Business Committee. Mr. Blaisdell is GSE's lead federal services liaison for US Army Corps of Engineers, US Navy, US EPA, and the US Coast Guard.

Representative Federal Services Projects Experience:

Project: Allin's Cove Wetland Ecosystem Restoration, Barrington, RI

Client: US Army Corps of Engineers, New England District, Concord, MA

Description: The \$800,000 project involved the restoration of a 12.5-acre coastal wetland ecosystem including excavation/grading, construction oversight, contract management, health & safety, surveying, design, and ongoing design modifications. Mr. Blaisdell

established the RMS/QCS systems, developed the Health and Safety Plan (HASP), and provided assistance to the project team with contract management and vendor submittals to the USACE.

Project: Whitney Point Ecosystem Restoration, Whitney Point, NY

Client: US Army Corps of Engineers, Baltimore District, Baltimore, MD

Description: The \$1M ecosystem restoration project included the restoration of an approximately 20-acre mudflat with the creation of passageways and deep pools for enhanced fish habitat, as well as the construction of several bird habitat islands. Mr. Blaisdell prepared cost estimates and conducted negotiations, project oversight, budgeting, subcontracting plan development, and general assistance with project management.

Solid Waste/Recycling – Financial/Planning Services

Mr. Blaisdell has considerable experience with market assessment research, financial planning, and development activities in the solid waste and recycling industries. Mr. Blaisdell has authored many recycling market-related studies. He maintains leadership roles in several national organizations serving to lead the solid waste management and recycling industry, and is closely involved with the latest issues and developments in this field. Mr. Blaisdell was the recipient of the National Solid Waste Management Association's Barry Troup Award in 2006 for his contributions to the solid waste industry.

Representative Solid Waste/Recycling – Financial/Planning Services Experience:

Project: Proforma Development

Client: Private Client - Massachusetts

Description: Project involved the preparation of a proforma for the development of a new solid waste and recycling business, including income statement, balance sheet, cash flow, and break-even analysis. Mr. Blaisdell performed the research for proforma inputs, worked with accounting professionals to refine the financial statements, and prepared several investment scenarios for the client.

Project: Alternative Energy Fuel Assessment

Client: Private Alternative Energy Client

Description: Project involved a fuel-shed analysis for the states of North Carolina, South Carolina, and Florida. Mr. Blaisdell was the lead researcher for this study, which involved determining the C&D-derived biomass that could be generated within distinct geographical areas. By performing this study, GSE was able to recommend potential locations for energy facility siting, the size of the facility (mW) based on the availability of fuel, and general economics of what the market would yield for the fuel.

Project: C&D Markets Assessment

Client: State of Massachusetts, Department of Environmental Protection (DEP)

Description: Project involved an assessment of the construction and demolition debris recycling markets within New England. Mr. Blaisdell was the lead researcher and author

of the study, which was used to guide the MassDEP policies, which led to the ban on the disposal of construction and demolition debris with Massachusetts.

Project: C&D Markets Assessment

Client: Chittenden County, VT

Description: Project involved an assessment of the markets for construction and demolition debris recycling in the Burlington, VT area, as well as the creation of a “sample business plan” to facilitate the development of a private recycling facility to service the area. Mr. Blaisdell was the lead researcher and author of the study.

Solid Waste/Recycling – Facility Siting

Mr. Blaisdell has considerable experience with solid waste and recycling facility siting and development, and has assisted in the development and/or expansion of over 50 such facilities. Mr. Blaisdell is an expert in siting criteria evaluation, design considerations for nuisance conditions mitigation, and working with state and local permitting agencies to obtain approvals for carefully designed, state-of-the-art solid waste facilities.

Mr. Blaisdell has been the lead project manager for projects involving landfills, transfer stations, C&D recycling facilities, waste-by-rail facilities, waste-derived energy facilities, and traditional recyclables processing facilities including single stream MRFs. Mr. Blaisdell is a member of the Board of Directors of the MA Chapter of the Solid Waste Association of North America (SWANA), and is an instructor (certified faculty) for SWANA nationwide, teaching 3-day certification courses on recycling and solid waste management. Mr. Blaisdell is also an active participant with the Construction Materials Recycling Association (CMRA) on a regional and national level.

Representative Solid Waste/Recycling – Facility Siting Experience:

Project: Solid waste/recycling facility siting and design

Client: Duseau Trucking, Hatfield, MA

Description: Project involved the siting and design of a combined solid waste transfer and recycling facility in Hatfield, MA. Mr. Blaisdell was the lead project manager, and oversaw the preparation of all state and local permit applications, including solid waste permits and multiple filings with the conservation commission. He provided project management for the delineation of the wetlands, hydric soils removal/replacement for utilities, stormwater design, and design and construction of a roadway within wetlands and wetland buffer zones.

Project: Single Stream Material Recovery Facility (MRF)

Client: Private Client, New England

Description: Project involved planning for the siting, and evaluation of the markets for the development of a state-of-the-art single stream material recovery facility (MRF) in New England. Mr. Blaisdell was responsible for the preliminary development of facility construction cost estimates, permitting and development timelines, siting criteria evaluation, and markets assessment for single stream recyclables.

Project: Recycling Facility Expansion

Client: ABC&D Recycling, Inc., Ware, MA

Description: Project involved the addition of MSW and traditional recyclables to an existing construction and demolition debris processing operation. Mr. Blaisdell was responsible for facility layout and design, state and local permit application preparation, and conducting presentations at local hearings. Mr. Blaisdell interfaced continuously with the client and their legal representation for this highly contentious permitting endeavor.

Project: Recycling Facility Siting and Design

Client: New England Property Holdings, Cumberland, RI

Description: Project involved planning, markets assessments, design, and permit application preparation for a state-of-the-art construction and demolition debris recycling facility. Mr. Blaisdell was the lead project manager, and provided expert witness testimony at local hearings for the land use permitting of the facility.

Project: Landfill closure/post closure use assessment

Client: Private Client, MA

Description: Project involved the assessment of a closed, un-lined, un-capped landfill in Massachusetts. Mr. Blaisdell conducted file reviews and site reconnaissance to assess the condition of the landfill, and to determine site closure and post-closure use activities. Mr. Blaisdell also developed a closure cost estimate, and prepared a closure alternatives plan.

General Civil/Environmental Services

Mr. Blaisdell has considerable experience with program/project management on complex civil/environmental projects. Mr. Blaisdell is adept at oversight with projects ranging from “clean construction” to highly complex environmental remediation.

Representative General Civil/Environmental Services Experience:

Project: Town of Weymouth Ecosystem Restoration Project, Weymouth, MA

Client: Solid Waste Solutions, Inc.

Description: Project involved the removal of water treatment plant sludge from lagoons in preparation for wetland ecosystem restoration (Phase one of a multi phased project). Mr. Blaisdell was the lead project manager for GSE and was responsible for the analysis of the residuals and removal technologies including hydraulic and mechanical dredging, and analysis of sediment dewatering technologies including belt press, Geotubes®, and sand bed filtration. He provided oversight of mechanical dredging from water treatment plant lagoons, conducted NPDES/wetland permitting, health and safety plan implementation and oversight, water treatment residuals disposal permitting, sludge sampling & analysis, and contract management and submittals. Innovative permitting allowed the Client to use the materials for select beneficial uses, which resulted in significant financial savings.

Project: Brownfield Assessment, Springfield, MA

Client: Bay Street Environmental, Inc.

Description: Project involved a “Brownfield” site assessment in Springfield, MA. Mr. Blaisdell was responsible for all assessment activities including subsurface investigation and sampling, installation of monitoring wells, collection of contaminated soil and groundwater samples, and characterization of environmental conditions at the property. GSE evaluated the nature and extent of potential contaminants in groundwater, and conducted a hydrogeologic evaluation of groundwater flow characteristics both vertically and horizontally. Mr. Blaisdell conducted all of the public involvement activities for the project including meetings with community groups, production of a video of the property, and preparing/presenting conceptual drawings of the proposed facility development.

Project: Disaster Debris Task Force

Client: State of North Carolina

Description: As a former employee of the State of North Carolina’s Department of Environment and Natural Resources (DENR), Mr. Blaisdell participated in the development of a Solid Waste Emergency Management Plan for the management and disposal of disaster debris from Hurricane Floyd in September 1999. He worked with the US Army Corps of Engineers (USACE), Federal Emergency Management Agency (FEMA), and State of North Carolina Emergency Management Agency (NCEMA) to provide extensive assistance to local governments with recovery efforts. Major focus of the emergency management services was providing technical input and guidance for the management of vegetative and inert debris, animal mortalities, construction and demolition debris, and post-recovery deconstruction efforts. Post emergency management work activities involved participation in annual planning sessions focused on preparedness for future disaster events.

Health and Safety Services

Mr. Blaisdell has extensive expertise in health and safety oversight and program development within a variety of industries. He has conducted facility audits, health and safety plan preparation, training materials development, and on-site training on a number of topics including: Hazard Communication (HazCom), Lockout Tagout, Confined Space Entry, Eye and Face Protection, General Site Safety, Slips Trips and Falls Prevention, Machine Guarding, Ladders and Scaffolding, and Respiratory Protection.

Health and Safety Services Experience:

Project: Health and Safety Program Implementation

Client: LL&S, Salem, NH

Description: Project involved the development of the health and safety program for an industrial facility in Salem, NH. Mr. Blaisdell has been the lead project manager for the implementation of the site’s health and safety program since 2001. He has authored all of the site’s health and safety modules, and has conducted initial and refresher training for all employees since the program’s inception.

Project: Ambient and Indoor Air Quality Surveys and Respiratory Protection

Client: Multiple

Description: GSE has conducted indoor and outdoor air quality surveys at a multitude of industrial sites. Mr. Blaisdell has been the project manager overseeing surveys,

conducting data analysis, and developing programs for respiratory protection. In particular, Mr. Blaisdell has been involved in assessments and respiratory protection for exposure to Lead, Asbestos, nuisance dust and Crystalline Silica.

Project: Health and Safety Program Implementation

Client: New Bedford Waste Services, Inc.

Description: Project involved the development of a health and safety program for a new recycling facility in New Bedford, MA. Mr. Blaisdell was the program manager and author for the health and safety manuals, and provided on-site training to employees.

Project: Health and Safety Program Implementation

Client: ABC&D Recycling, Ware, MA

Description: Project involved the development of a health and safety program for a new recycling facility in Ware, MA. Mr. Blaisdell was the program manager and author for the health and safety manuals, and provided on-site training to employees.

Project: Outdoor/Indoor Sound Surveys and Hearing Protection

Client: Multiple

Description: GSE has conducted indoor and outdoor sound surveys at a multitude of industrial sites. Mr. Blaisdell has been the project manager overseeing surveys, conducting data analysis, and developing programs for hearing protection and also assessing whether the sound met local and state regulations and policy for off-site nuisance sound conditions.

Affiliations

- Society of Military Engineers (SAME) Boston Post, Piscataqua Post, Narragansett Post member, Chairman Boston Post Small Business Committee, Member Boston Post Board of Directors
- Construction Material Recycling Association (CMRA), New England Chapter Director
- National Solid Wastes Management Association (NSWMA), Steering Committee Member & recipient of the 2006 Barry/Troupe Award
- Solid Waste Association of North America (SWANA), MA Chapter Director & Certified Faculty for SWANA training courses
- MassDEP Solid Waste Advisory Committee – Representing the Construction Materials Recycling Association

Publications & Studies

- Construction and Demolition Recycling Magazine (March 2006) “A Fines Challenge”
- Resource Recycling (June 2001) “Facility Focus: C&D Processor Comes On-Line”
- “Markets for Scrap Wood in the Triangle J Region” April 2000
- “Scrap Wood Availability in the Triangle J Region” April 2001
- “North Carolina Market Assessment of the Recycling Industry and Recyclable Materials,” Construction and Demolition Debris, Electronic Scrap, Steel, and Aluminum Commodity Profiles, 1998

Presentations

- C&D Recycling Issues in the Northeast (CMRA), Miami, FL, January 2006
- C&D Recycling in Massachusetts (SWANA), Falmouth, MA, July 2002
- Northeast Resource Recovery Association (NRRRA), Hyannis, MA, June 2001
- Professional Engineers of North Carolina (PENC), Raleigh, NC, May 2001
- Carolina Recycling Association (CRA) Annual Conference, March 2001
- Southeast Regional Economic Development Workshop, Raleigh, NC, December 2000
- NC Electronics Management Workshops, Raleigh/Charlotte, NC, October 2000
- Department of Energy (DOE) Bioenergy Conference, Buffalo, NY, October, 2000
- North Carolina SWANA Conference, Wilmington, NC, September 2000
- EPA Region IV Electronics Recycling Conference, Atlanta, GA, August 2000