Mark Zessin, P.E. • Senior Vice President

39 years of experience

MS, Public Policy Studies (Trinity College)
BS, Civil Engineering (UCONN, Storrs)

Licensed Professional Engineer
(CT, ME, MA, NY, OH)

Former Commissioner NEIWPCC

Former Commission Member, Glastonbury CT WPCA

SUMMARY

Mr. Zessin is a Senior Vice President with B&L and has been responsible for planning, design and project management on a broad set of publicly and privately developed projects. Prior to his tenure with B&L, Mr. Zessin was President of Anchor Engineering Services, Inc. which provided civil, structural, environmental, and survey services to over 100 municipal clients and hundreds of private clients throughout Connecticut for over 30 years. Mr. Zessin has nearly four decades of engineering design experience and is a licensed professional engineer in five states. He has considerable insight into the requirements of the Connecticut Department of Transportation (CTDOT), the Connecticut Department of Energy and Environmental Protection (CTDEEP), Regional Planning Agencies (RPA), Council of Governments (COGs), and other state and federal regulatory agencies for transportation, environmental, and controversial projects.

PROJECT EXPERIENCE

MS4 General Permit Compliance Services, East Hartford, CT
Principal-in-Charge for on-call compliance services for the Town's MS4 General Permit. Tasks include: recommendations of services to be completed to meet the requirements of the general permit to the maximum extent practicable; outfall catchment rankings; DCIA calculations; MS4 system mapping and catchment delineation; dry weather outfall screening and sampling; wet weather outfall sampling; and, annual report updates.

MS4 General Permit Compliance Services North Haven, CT
Principal-in-Charge responsible for providing the Town of North Haven with MS4 stormwater services. B&L quickly completed 110 dry weather outfall screenings and 17 wet weather outfalls to impaired waters before the end of 2018 as the Town was anxious to present positive momentum in the 2018 annual report. B&L's environmental team continues to assist the Town with all aspects of implementing their MS4 program, and is in the process of identifying and confirming the location of all MS4 outfalls and interconnections, screening and evaluating all identified MS4 outfalls during dry weather, providing annual MS4 training to town staff, and implementing Best Management Practices.

Industrial Stormwater Sampling Services East Hartford, CT
Principal-in-Charge for semi-annual stormwater sampling at one discharge location and quarterly visual assessments at seven discharge locations. Stormwater monitoring reports are generated using the data collected and are provided to the Town for signature prior to being submitted to the DEEP.

Wastewater Pump Station, Colchester, CT
Principal-In-Charge for the installation of 28,000 gallon per day sewage pump station.

Isabella's Court, Stafford, CT
Principal-In-Charge for the installation of a water supply pump station, serving 92 unit developments and two adjacent schools, and approximately 3,500 linear feet of sanitary sewers, water lines, and Stormwater drains for 92 unit residential development.

80 Industrial Park, Middletown, CT
Principal-in-charge for the preparation of Phase I and II reports and property transfer act filing for a 2,540-acre property located at 80 Industrial Park Road, Middletown. The subject property contained a one-story steel-framed industrial building with a footprint of 38,384 square feet and included parking areas, truck scale, and landscaped areas.

Pine Street Elderly Housing Development, Bristol, CT
Principal-in-charge for a Phase I ESA report in support of the development of an age-restricted independent living development consisting of approximately 128 units on a 14-acre parcel of land in Bristol, Connecticut. Services included site reconnaissance, review of existing environmental data, review of state, federal, and local records, and preparation of a final report prior to site development.

Banton Street Environmental Services, North Haven, CT
Principal-in-charge for Phase I ESA services of a vacant mixed-use 6.1-acre property located at 6 Banton Street in North Haven. Services included site reconnaissance, review of an environmental database search of the property, review of state, federal, and local records of an environmental nature pertaining to the subject property and radii, interviews with persons familiar with the current and former site, and preparation of a final Phase I ESA report for the Town.

TJ Therriault, EIT, CDT • Senior Project Manager

18 years of experience

BS, Environmental Engineering (Wentworth Institute of Technology)

Engineer in Training (EIT - CT)

Construction Documents Technologist (CDT)

OSHA 40hr HAZWOPER; OSHA 8hr refresher trainings; Member, Connecticut Recyclers Coalition; Certified Solid Waste Facility Operator (CT)

SUMMARY

Mr. Therriault is a Senior Project Manager with over 18 years of civil and environmental engineering, construction monitoring and management, and environmental consulting experience throughout Connecticut, Massachusetts, and Florida. Mr. Therriault is responsible for a large number of projects in the Environmental Department and is the supervisor for the environmental scientists in the environmental department. Mr. Therriault also coordinates staffing resources for the environmental department.

Throughout his professional career, he has worked in all areas of the consulting field, including construction monitoring and facility compliance audits at a variety of solid waste facilities. His experience also includes local and state permitting for solid waste facilities, groundwater discharge permitting, stormwater management and permitting, facility operation and management plans, water quality monitoring programs, landfill gas (LFG) investigations and monitoring programs, LFG wellfield operations and regulatory compliance, and feasibility studies. His projects focus on practical applications of his technical and regulatory knowledge. As a construction documents technologist (CDT), Mr. Therriault has a comprehensive knowledge of the writing and management of construction documents and demonstrates knowledge of general conditions of contracts in common use and the Construction Specifications Institute (CSI) recommended procedures for project manual organization.

PROJECT EXPERIENCE

Municipal Separate Storm Sewer (MS4) Program Implementation, Various Municipalities, Connecticut

Mr. Therriault served as Environmental Project Engineer and Project Manager responsible for assisting with the implementation of the MS4 General Permit for several municipalities throughout Connecticut. He compiled stormwater management plans and filed applications for registration for the MS4 General Permit. Mr. Therriault assisted with the identification and mapping of outfalls throughout the municipalities. He also assisted in coordinating and conducting in-stream and outfall screening and sampling events; and coordinated efforts with the municipalities and compiled all necessary documentation for the submission of the annual reports to the Connecticut Department of Energy and Environmental Protection (CT DEEP). Mr. Therriault provided a program evaluation, summary table, narrative report, and summary of proposed stormwater management plan modifications, which were incorporated into the annual reports. He assisted in implementation of the Illicit Discharge Detection and Elimination (IDDE) Protocol for identifying and eliminating illicit discharges to the municipality's MS4. Mr. Therriault created and implemented MS4 training programs, and consulted with the municipalities and the DEEP to gain a comprehensive understanding of the MS4 General Permit.

Stormwater Services, Groton, CT

For the past several years, B&L has been providing the Town of Groton with numerous stormwater related services townwide. Services have been focused on keeping the Town compliant with the DEEP's "General Permit for the Discharge of Stormwater from Small Municipal Separate Storm Sewer Systems, Eff. July 1, 2017" (also known as MS4 General Permit). B&L's environmental team performed dry weather outfall screening in high and low priority areas; performed impaired waters wet weather outfall sampling and reporting; implemented long-term maintenance plans for Town-owned stormwater structures; performed compliance reviews; updated illicit discharge assessments and priority rankings; conducted catchment investigations; provided annual training services; provided audits in support of the MS4 property and operations maintenance program; and established programs to control sources of pollutants. Mr. Therriault has served as project manager for tasks assigned by the Town.

Transfer Station and Recycling Center, North Haven, CT

Mr. Therriault served as Project Manager responsible for providing solid waste compliance services associated with the current Connecticut Department of Energy and Environmental Protection (CT DEEP) Municipal Transfer Station GP. Services provided to the Town of North Haven's Transfer Station and Recycling Center include annual solid waste general compliance audit in accordance with the Municipal Transfer Station GP.

D. Scott Atkin, LEP • Senior Associate

35 years of experience

BS, Civil Engineering (UMASS, Amherst)

Licensed Professional Engineer (LEP - CT)

OSHA 40hr HAZWOPER and 8hr supervisor training

EPOC member; EPA SPCC Plan Training; Certified Solid Waste Facility Operator (CT); SWANA/LFG Management Training; Chi Epsilon National Civil Engineering Honor Society

SUMMARY

Mr. Atkin is a Senior Associate and environmental project manager with over three decades of environmental engineering and consulting experience throughout Connecticut, Massachusetts, and New York. He has worked on a wide variety of environmental projects, including permitting, investigation, remediation design and oversight, stormwater, regulatory compliance, and environmental sampling and monitoring. Mr. Atkin is particularly familiar with Connecticut regulations and practices, including DOT task-based contaminated soil and groundwater scopes.

Mr. Atkin has provided his expertise on numerous construction projects when contamination has been encountered to assess the situation, provide direction, characterize, and properly manage the contaminated materials expeditiously. His level of responsiveness during urgent points of project progression have ensured that construction could safely resume as quickly as possible. As a CTDEEP licensed environmental professional (LEP), Mr. Atkin has been delegated the authority for the inspection, assessment, and remediation of known and suspected to be contaminated properties in accordance with Connecticut's Remediation Standard Regulations (RSRs).

PROJECT EXPERIENCE

Municipal Separate Storm Sewer Program Implementation, Stamford, CT

Mr. Atkin was Environmental Project Manager responsible for the implementation of the MS4 General Permit for the City of Stamford. Coordinated in-stream and outfall sampling events. Coordinated efforts with the City for the submission of the Annual Reports to the DEEP. Provided program evaluations and summary of the proposed program modifications, which were incorporated into the Annual Reports. Coordinated the implementation of the Illicit Discharge Detection Protocol sampling events for identifying and eliminating illicit discharges to the City's MS4.

MS4 Services, North Haven, CT

Mr. Atkin was Environmental Project Manager responsible for providing the Town of North Haven with MS4 stormwater services since November 2018. B&L quickly completed 110 dry weather outfall screenings and 17 wet weather outfalls to impaired waters before the end of 2018 as the Town was anxious to present positive momentum in the 2018 annual report. B&L's environmental team assisted the Town with all aspects of implementing their MS4 program, and is in the process of identifying and confirming the location of all MS4 outfalls and interconnections, screening and evaluating all identified MS4 outfalls during dry weather, providing annual MS4 training to town staff, implementing Best Management Practices, and dozens of other services.

MS4 General Permit Compliance Services East Hartford, CT

Practice area leader for on-call compliance services for the Town's MS4 General Permit. Tasks include: recommendations of services to be completed to meet the requirements of the general permit to the maximum extent practicable; outfall catchment rankings; DCIA calculations; MS4 system mapping and catchment delineation; dry weather outfall screening and sampling; wet weather outfall sampling; and, annual report updates.

Continual Stormwater Compliance Services, Public Works Facility, Lebanon, CT

Mr. Atkin was Practice area leader responsible for environmental compliance services associated with the Town's Public Works Facility's registration under the DEEP's General Permit for the Discharge of Stormwater Associated with Industrial Activities (Industrial Stormwater GP). B&L provides quarterly stormwater visual monitoring, monthly stormwater inspections, semi-annual CSCE inspections, and annual stormwater training for the Town's Public Works Facility located at 937 Trumbull Highway.

Environmental Monitoring, Canterbury, CT

Practice area leader responsible for overseeing the monitoring at ten monitoring wells and two surface water locations quarterly at the Coventry Landfill. Monitoring wells are purged prior to sampling in order to provide accurate representative samples. Domestic wells are sampled during monitoring events during January and July. Samples are collected in accordance with standard industry practice and protocols. Collected groundwater, surface water, and QA/QC samples are transported under chain-of-custody procedures.

Matthew Brown, P.E. • Vice President

27 years of experience

BSE, Systems Engineering (University of Pennsylvania)

Licensed Professional Engineer (NH, CT, MA, ME, VT, RI, NY)

USACOE HEC-RAS

OSHA 40hr HAZWOPER

OSHA 8hr Site Supervisor

DOT HazMat Handling Certification

SUMMARY

Mr. Brown is a highly skilled and experienced civil engineer with over two decades of experience in public and private site engineering, environmental remediation, solid waste, and permitting projects. His extensive range of responsibilities includes site design, storm drainage analysis and design, roadway design, sanitary sewer design, water distribution system design, detention basin design and analysis, environmental investigation and remediation plan development, local, state and federal permitting, and construction inspection. Throughout his career, Mr. Brown has worked on numerous complex and controversial projects and has demonstrated his ability to tackle and resolve complex technical challenges. He has a wealth of experience in utilizing a range of computer software packages such as AutoCAD, MicroStation, InRoads, HEC-RAS, and other specialized programs that are essential to the successful completion of design projects across all phases.

Mr. Brown has a strong reputation for his ability to provide innovative and cost-effective design solutions that meet his clients' needs while also balancing technical, environmental, and regulatory requirements. His expertise and experience have been invaluable in ensuring that his clients receive high-quality services and achieve their project objectives on time and within budget.

PROJECT EXPERIENCE

Solid Waste Collection Assistance, Branford, CT
Project manager assisting the town of Branford on developing a request for proposals for curbside collection and transport of municipal solid waste, as well as curbside collection, transport, and disposal of single stream recyclables. The town has approximately 28,000 residents and 5,000 households that receive solid waste and recyclable material collection services provided by the Town.

Landfill Closure Design and Inspection, Putnam, CT
Mr. Brown served as Project Manager for landfill closure design and permitting for partial closure of ash landfill. Services provided on project included design of geomembrane cap and drainage, preparation of construction plans and technical specifications, assistance during bidding and construction phases, preparation of closure report for CTDEEP submission.

Hartford Landfill, Hartford, CT
Mr. Brown has been involved in a number of activities at the site over the course of career, from groundwater sampling and inclinometer monitoring, to temporary membrane cap design and construction oversight, access road design, slope stability analyses, and expansion evaluations.

Manchester Landfill, Manchester, CT
Mr. Brown serves as the project manager for the design of an MSE Berm wall expansion project and assists the Town with ongoing landfill operation and regulatory compliance. Mr. Brown has served as a compliance inspector for the landfill. Inspected various items to ensure the Town's adherence to their permit. Load types, facility signage, and general operating conditions are routinely observed and logged for compliance.

Old Lyme Landfill, Old Lyme, CT
Mr. Brown served as Project Manager - Design of landfill closure for landfill, including low permeability soil cap and drainage, preparation of landfill closure plan for CTDEEP approval, preparation of construction plans and technical specifications, assistance during bidding and construction phases, preparation of closure report for CTDEEP submission.

AMEC Carting Transfer Station, Norwalk, CT
Mr Brown has served as the project manager for transfer station & volume reduction facility site design, local and CTDEEP permitting, quarterly CTDEEP permit compliance audit, and ongoing operations consulting.

Warren Landfill, Warren, MA
Mr. Brown served as Project Manager - Landfill expansion evaluation, landfill sequential filling plan and analysis, landfill closure design, landfill closure bidding assistance and construction administration.

Fishers Island Transfer Station, Fishers Island, NY
Project manager for the conceptual design of a transfer station on Fishers Island, New York. Completed comprehensive site evaluation pertaining to Transfer Station and Compost Station activities, and parcel feasibility. Findings were presented to the FIWMD and locals.

Terrence Hinchey, CHMM • Lead Environmental Scientist

40 years of experience

Certified Hazardous Materials Manager

BS, Geology (Northeastern University)

SUMMARY

Mr. Hinchey boasts an impressive 40-year career in the environmental consulting field, with significant contributions to the composting, manufacturing, and utility sectors. His extensive expertise spans hazardous waste management, environmental and safety auditing, program management, solid waste permitting, operation and management planning, facility expansion plans, and water management. Throughout his career, Mr. Hinchey has been committed to sustainability and environmental stewardship, making him a trusted industry expert. In addition to waste management, Mr. Hinchey has demonstrated proficiency in water discharge permitting, stormwater management, and erosion and sediment control projects. His involvement in these initiatives has contributed to the protection of water resources and the maintenance of ecosystem integrity. Furthermore, he has been instrumental in the preparation of Spill Prevention, Control, and Countermeasure (SPCC) plans, aiding organizations in preventing the discharge of hazardous substances into navigable waters and adjoining shorelines.

As a project manager, Mr. Hinchey has overseen numerous civil and environmental projects both as a consultant and within the corporate field. His strong leadership, organizational skills, and effective communication with diverse stakeholders have resulted in the successful completion of these projects, striking a balance between client needs, regulatory agencies, and environmental concerns to achieve sustainable outcomes.

PROJECT EXPERIENCE

MS4 Stormwater Assistance, Waterford, CT
Mr. Hinchey served as Environmental Scientist responsible for providing MS4 services in support of the Town's MS4 General Permit. Services include quarterly meetings, IDDE plan, annual report preparation, annual MS4 training, dry weather outfall screening, wet weather outfall screening, reporting and catchment ranking, system mapping, IDDE investigations, calculation of DCIA contributing to each MS4 outfall, DCIA disconnection tracking, development of a program to control pollution sources, long-term maintenance plan and inspections for town-owned stormwater structures, infrastructure repair and rehab, MS4 property & operations maintenance program, and DPW implementation assistance.

MS4 Stormwater Services, South Windsor, CT
Mr. Hinchey served as Environmental Scientist responsible for providing services in support of the Town's MS4 Permit. Services include dry weather sampling (with or without discharge), impaired outfall wet sampling, IDDE Program services, and reporting services.

Stormwater Services and MS4, Southington, CT
Mr. Hinchey served as Environmental Scientist for Stormwater Compliance Services for the Town of Southington's Highway Garage and Transfer Station Facility. Services include inspection and sampling events, correspondence with CTDEEP Staff, sampling, and BMP Monitoring.

MS4 General Permit Compliance Services, East Hartford, CT
Lead environmental scientist for on-call compliance services for the Town's MS4 General Permit. Tasks include: recommendations of services to be completed to meet the requirements of the general permit to the maximum extent practicable; outfall catchment rankings; DCIA calculations; MS4 system mapping and catchment delineation; dry weather outfall screening and sampling; wet weather outfall sampling; and, annual report updates.

MS4 General Permit Compliance Services, North Haven, CT
Lead environmental scientist responsible for providing the Town of North Haven with MS4 stormwater services. B&L quickly completed 110 dry weather outfall screenings and 17 wet weather outfalls to impaired waters before the end of 2018 as the Town was anxious to present positive momentum in the 2018 annual report. B&L's environmental team continues to assist the Town with all aspects of implementing their MS4 program, and is in the process of identifying and confirming the location of all MS4 outfalls and interconnections, screening and evaluating all i dentified MS4 outfalls during dry weather, providing annual MS4 training to town staff, and implementing Best Management Practices.

Patrick McKay • Senior Staff Environmental Scientist

25 years of experience

BS, Natural Resources (UCONN, Storrs)

Licensed Lead Inspector

Licensed Asbestos Project Monitor

OSHA 40hr HAZWOPER

Certified Operator - Landfill, Transfer Station, or Volume Reduction Facility

LFG Flare School

SUMMARY

Mr. McKay manages a diverse array of responsibilities. His comprehensive expertise includes conducting environmental site assessments, which involve evaluating potential contamination and determining the most suitable course of action for remediation. Mr. McKay's in-depth knowledge of water and soil sampling techniques enables him to accurately analyze and monitor the quality of these vital resources, ensuring that environmental standards are maintained. His proficiency in environmental data evaluation and reporting allows for the effective communication of findings to clients, regulatory agencies, and other stakeholders, ensuring that appropriate measures are taken to address any identified issues. In addition to his expertise in environmental assessments, Mr. McKay has played a pivotal role in two landfill closure projects as the Quality Assurance Consultant (QAC). These complex projects involved capping landfills with geosynthetics, a cutting-edge technology used to minimize water infiltration and reduce the potential for contaminants to migrate into surrounding soil and groundwater. His careful oversight and meticulous attention to detail ensured the successful implementation of these closures, mitigating environmental risks and promoting long-term sustainability.

PROJECT EXPERIENCE

MS4 General Permit Compliance Services East Hartford, CT
Senior staff environmental scientist assisting with on-call compliance services for the Town's MS4 General Permit. Tasks include: recommendations of services to be completed to meet the requirements of the general permit to the maximum extent practicable; outfall catchment rankings; DCIA calculations; MS4 system mapping and catchment delineation; dry weather outfall screening and sampling; wet weather outfall sampling; and, annual report updates.

MS4 and Stormwater General Permit Monitoring Program Implementation, South Windsor, CT
Mr. McKay served as Environmental Scientist responsible for stormwater sampling and reporting at the Town's Department of Public Works and Water Pollution Control Facilities. Reviewed laboratory reports to determine the sites' eligibility to discontinue sampling under the terms and conditions of the stormwater general permit. Assisted with the implementation of the MS4 General Permit for the Town of South Windsor.

Municipal Separate Storm Sewer Program Implementation, Stamford, CT
Mr. McKay served as Environmental Scientist responsible for stormwater and surface water sampling at construction, municipal, and city-wide MS4 sites to ensure city compliance with its stormwater general permits. He also prepares NetDMR electronic submissions to the Connecticut DEEP. Mr. McKay has worked closely with the City's Stormwater Regulatory Enforcement staff to identify and confirm illicit discharges to the stormwater system.

Stormwater General Permit Monitoring Program Implementation, Solid Waste Sites Throughout Connecticut
Mr. McKay served as Environmental Scientist responsible for stormwater permitting, sampling, and reporting at several privately-owned solid waste volume reduction and vehicle maintenance facilities throughout Connecticut. As part of the analysis of the stormwater quality data at these sites, Mr. McKay provides recommendations to the facility operators to improve the quality of their stormwater runoff.

MS4 Stormwater Assistance, Derby, CT
Mr. McKay served as Environmental scientist responsible for providing the City of Derby with various services in support of their MS4 Permit. Services include EPA RFI assistance, SMP update, outfall and interconnection identification, dry outfall screening, wet outfall screening, MS4 program implementation, annual MS4 report, annual MS4 training, SMP & IDDE programs, MS4 system mapping, catchment/IDDE investigations, and ordinance updates.

MS4 Services, North Haven, CT
Mr. McKay provided services to the Town of North Haven's MS4 program. Services provided include dry weather outfall screening and location confirmation, wet weather outfall sampling, IDDE program development and implementation, regulation and ordinance review, record-keeping assistance, and annual MS4 and IDDE training.

Seth LaMorder • Environmental Scientist

17 years of experience

BS, Environmental Science (UMASS, Amherst)

OSHA 40hr HAZWOPER and 8hr refreshers

Class A/B Operator, MADEP

SUMMARY

Mr. LaMorder is an experienced environmental scientist with more than 17 years of experience in the environmental consulting field. He possesses a wealth of knowledge and expertise in natural sciences. One of Mr. LaMorder's key skills is his ability to detect and monitor hazards. This involves identifying potential environmental risks and assessing their impact on the environment. Mr. LaMorder uses his extensive knowledge of environmental laws and regulations to ensure that B&L's clients are in compliance and that they are taking any steps necessary to mitigate environmental risks. In addition to detecting and monitoring hazards, Mr. LaMorder is skilled in designing restoration plans. This involves developing strategies to restore natural environments that have been impacted by human activities such as pollution or industrialization. Mr. LaMorder uses his understanding of natural sciences to design restoration plans that are effective and sustainable, ensuring that the restored environment will thrive in the long term. Mr. LaMorder's monitoring skills are also highly valued in the environmental consulting field. He has experience monitoring a wide variety of locations, including landfills, wetlands, streams, and groundwater sources. This involves regularly testing these locations for contaminants and ensuring that they are in compliance with environmental regulations.

PROJECT EXPERIENCE

NORCAP Landfill Monitoring, East Windsor, CT
Environmental scientist for the ongoing monitoring program at the NORCAP Landfill in East Windsor, Connecticut. Annual procedures include observing groundwater flow and taking samples at each monitoring well location, plume characterization wells, compliance wells, and surface water protection wells. Additional assistance is provided in preparing reports of findings to submit to CTDEEP.

Coventry Landfill Monitoring, Coventry, CT
Environmental scientist providing monitoring services at ten monitoring wells and two surface water locations quarterly (July, October, January, and April) at the Coventry Landfill. Monitoring wells are purged prior to sampling to provide representative samples. Domestic wells are sampled during monitoring events in January and July. Samples are collected in accordance with standard industry practice and protocols. Collected groundwater, surface water, potable water, and QA/QC (trip blank, equipment blank, and internal) samples are be transported under chain-of-custody procedures.

East Hartford Landfill Monitoring, East Hartford, CT
Environmental scientist providing water quality monitoring at the closed landfill on Ecology Drive in East Hartford. The monitoring program consists of sampling and analysis of ten surface water sampling locations, nine groundwater monitoring wells, and one duplicate sample. Additional assistance is provided for quarterly monitoring reports which are submitted to CTDEEP and the annual report. The annual report provides a more in-depth evaluation of water quality trends and leachate impacts.

DPW Stormwater Services, East Hartford, CT
Environmental scientist responsible for providing the East Hartford Department of Public Works with various stormwater and permitting services. Services include stormwater monitoring, stormwater Notice of Violation (NOV) assistance, visual stormwater monitoring, monthly stormwater inspections, semi-annual stormwater inspections, annual stormwater training, and permit renewal services.

Department of Public Works and Water Pollution Control Facility Stormwater Services, South Windsor, CT
Environmental scientist responsible for providing various stormwater services to the Town of South Windsor Department of Public Works as well as the Town's Water Pollution Control Facility. Services include stormwater sampling, monthly inspections, reporting services, quarterly visual assessments, CSCE Inspections and monthly inspection services.

Stormwater Assistance, Derby, CT
Environmental scientist providing services related to the City of Derby's MS4 stormwater assistance program. Services include dry outfall screening, program implementation, SMP and IDDE programs, wet outfall screening and sampling, MS4 system mapping, catchment and IDDE investigations, and numerous other MS4 related compliance items.

Dakota Urban • Staff Environmental Scientist

4 years of experience

BS, Fisheries and Wildlife Sciences (Paul Smith's College)

SUMMARY

Mr. Urban is a recent graduate of Paul Smith's College in Paul Smith's, NY, where he gained extensive knowledge in natural resources and environmental studies. His education also provided him with a deep understanding of the various ecosystems unique to New England. Mr. Urban's passion for the environment has led him to become a dedicated volunteer for numerous organizations that work to promote conservation and sustainability. As part of B&L's environmental department, Mr. Urban's background in GIS (Geographic Information System), ERDAS, and ArcGIS plays a pivotal role in the success of the team. His proficiency in these software programs allows him to effectively analyze and manage environmental data, which is essential for developing accurate and effective solutions for clients. Mr. Urban's strong work ethic, attention to detail, and commitment to the environment make him a valuable asset to the B&L team.

PROJECT EXPERIENCE

MS4 Services, Town of North Haven, CT
Environmental Scientist for MS4 program implementation for the Town of North Haven. Services for this project include dry weather outfall screening in high and low priority areas, Detailed MS4 Infrastructure Mapping, inventory and mapping of discharges to impaired waters, wet weather outfall sampling and reporting, as well as dozens of other services.

MS4 Services, Stamford, CT
Environmental Scientist for numerous projects pertaining to the City's MS4 Stormwater program. Services provided include dry outfall screening, MS4 interconnections, MS4 permit implementations, and dry and wet weather outfall screening at various locations throughout the City.

MS4 Services, Town of North Haven, CT
Environmental Scientist for MS4 program implementation for the Town of North Haven. Services for this project include dry weather outfall screening in high and low priority areas, detailed MS4 infrastructure mapping, inventory and mapping of discharges to impaired waters, and wet weather outfall sampling and reporting.

Suffield MS4 Permit Implementation, Suffield, CT
Provided various environmental services pertaining to the MS4 Permit Implementation in the Town of Suffield. Services include assistance with DEEP registration form and stormwater management plan updates, SMP updates, and various other implementation strategies.

MS4 Permit Services, Southington, CT
Provided services related to MS4 plan and registration, wet weather screening and sampling, and dry weather screening and sampling. Additional services provided to the Town by B&L include annual meetings, annual reports, annual training to town staff, wet weather investigations, mapping assistance, and numerous other miscellaneous MS4 related services.

MS4 Stormwater Assistance, Waterford, CT
Provided numerous services to the Town of Waterford in support of their MS4 program. Services include quarterly meetings, IDDE Plan, annual report preparation, annual MS4 training, dry weather outfall screening, wet weather outfall screening reporting and catchment ranking, system mapping, illicit discharge investigations, calculation of DCIA contributing to each MS4 outfall and DCIA disconnection tracking, program development to control other sources of pollution, long-term maintenance plan and inspections for town-owned stormwater structures, infrastructure repair and rehabilitation program, MS4 property & operations maintenance program, and DPW implementation assistance.

MS4 Stormwater Assistance, Derby, CT
Environmental scientist responsible for providing the City of Derby with various services in support of their MS4 Permit. Services include EPA RFI assistance, SMP update, outfall and interconnection identification, dry outfall screening, wet outfall screening, MS4 program implementation, annual MS4 report, annual MS4 training, SMP & IDDE programs, MS4 system mapping, catchment/IDDE investigations, and ordinance updates.

Cassie Dupre • Environmental Scientist I

3 years of experience

MS, Environmental Science (University of New Haven)
BS, Biochemistry (Nazareth College)

US HUD Lead-Based Paint Visual Assessment; OSHA 40hr HAZWOPER: OSHA 29 CFR 1910.120/1926.65; OSHA 8Hr HAZWOPER; NRPP Radon Measurement Professional certificate; Asbestos Site Inspector – 24hr certificate; OSHA 10hr Construction Industry

SUMMARY

Ms. Dupre is an environmental scientist whose primary focus has been environmental real estate due diligence. Ms. Dupre conducts site inspections and generates site assessment reports, focusing on environmental concerns that necessitate knowledge of the ASTM standard, complex property histories, and environmental records. She has the knowledge and ability to apply the ASTM E1527-13 and E1527-21 standards. Her additional competencies consist of ecology and GIS applications.

PROJECT EXPERIENCE

MS4 Services, Derby, CT
Ms. Dupre serves as an environmental scientist responsible for multiple Municipal Separate Storm Sewer Systems (MS4) tasks including dry weather outfall screening for illicit discharges, wet weather outfall sampling, and stormwater system mapping.

MS4 Services, Cheshire, CT
Ms. Dupre serves as an environmental scientist responsible for multiple Municipal Separate Storm Sewer Systems (MS4) tasks including dry weather outfall screening for illicit discharges, wet weather outfall sampling, and stormwater system mapping.

MS4 Services, Waterford, CT
Ms. Dupre serves as an environmental scientist responsible for multiple Municipal Separate Storm Sewer Systems (MS4) tasks including dry weather outfall screening for illicit discharges, wet weather outfall sampling, and stormwater system mapping.

Putnam Landfill Monitoring, Putnam, CT
Ms. Dupre serves as an environmental scientist responsible for groundwater and surface water sampling at the Putnam Landfill and surrounding properties during quarterly sampling events. Additional responsibilities include PFAs sampling during specified quarterly events.

Cheshire Landfill Monitoring, Cheshire, CT
Ms. Dupre serves as the environmental scientist responsible for coordinating semi-annual sampling events for the former Town of Cheshire Landfill. Responsibilities include preparing documentation and equipment for each event, groundwater, surface water, and domestic well sample collection from the landfill and surrounding properties, and post-event report writing.

Waterford Landfill Monitoring, Waterford, CT
Ms. Dupre serves as an environmental scientist responsible for groundwater and surface water sampling at the Waterford Landfill and surrounding properties during semi-annual sampling events.

East Haddam Landfill Monitoring, East Haddam CT
Ms. Dupre serves as an environmental scientist responsible for groundwater and surface water sampling at the Town of East Haddam Landfill and surrounding properties during semi-annual sampling events.

Coventry Landfill Monitoring, Coventry, CT
Ms. Dupre serves as an environmental scientist responsible for groundwater, surface water, and domestic well sampling at the Town of Coventry Landfill and surrounding properties during semi-annual sampling events.

Warren Landfill Monitoring, Warren, MA
Ms. Dupre serves as an environmental scientist responsible for groundwater and surface water sampling at the Town of Warren Landfill and surrounding properties during quarterly sampling events. Additional responsibilities include following PFAs sampling procedures.

Industrial Stormwater Sampling, Various Locations
Ms. Dupre serves as an environmental scientist responsible for multiple industrial stormwater responsibilities such as wet weather sampling and Stormwater Management Report (SMR) writing for several solid waste facilities and municipal public works properties.

Jaclyn Reelick • Environmental Scientist

4 years of experience

BS, Biology (Central Connecticut State University)

SUMMARY

Ms. Reelick is an environmental scientist who has concentrated her professional efforts on the study of biological and environmental sciences. She is skilled in water pollution, ecology, hydrogeology, Geographic Information System (GIS) mapping, and AutoCAD.

PROJECT EXPERIENCE

MS4 Services, Town of North Haven, CT
Ms. Reelick served as an environmental scientist responsible for various Municipal Separate Storm Sewer Systems (MS4) tasks. Responsibilities included dry weather outfall screening, wet weather outfall sampling, GIS mapping, and catchment investigations.

MS4 Services, Town of Cheshire, CT
Ms. Reelick served as an environmental scientist responsible for various Municipal Separate Storm Sewer Systems (MS4) tasks. Responsibilities included dry weather outfall screening, wet weather outfall sampling, GIS mapping, and regulatory review for compliance with the 2017 MS4 General Permit.

MS4 Services, City of Waterbury, CT
Ms. Reelick served as an environmental scientist responsible for various Municipal Separate Storm Sewer Systems (MS4) tasks. Responsibilities included dry weather outfall screening, wet weather outfall sampling, and GIS mapping.

MS4 Services, Town of East Hartford, CT
Ms. Reelick served as an environmental scientist responsible for various Municipal Separate Storm Sewer Systems (MS4) tasks. Responsibilities included dry weather outfall screening, wet weather outfall sampling, storm sewer system mapping and GIS mapping.

MS4 Services, City of Derby, CT
Ms. Reelick served as an environmental scientist responsible for various Municipal Separate Storm Sewer Systems (MS4) tasks. Responsibilities included dry weather outfall screening, wet weather outfall sampling, and mapping the stormwater sewer system.

Aqua Environmental Laboratory, Newtown, CT
Ms. Reelick served as an environmental laboratory technician analyzing drinking water, surface water, and wastewater for three years. She performed tests for residences, businesses, parks, beaches, and waste water treatment plants to ensure compliance with EPA regulations and public health standards. She conducted biological and chemical testing following standard operating procedures for various analytes that contribute to water quality. Additional daily efforts included independently operating, troubleshooting, and performing maintenance on high-precision instrumentation as well as reviewing and approving laboratory reports.

Putnam Landfill, Putnam, CT
Ms. Reelick serves as an environmental scientist responsible for the coordination of quarterly environmental monitoring at both the Ash and Municipal Landfill. Additional responsibilities include sample collection and documentation for groundwater, surface water, leachate, domestic wells, and sediment within and surrounding the landfill.

Phase I ESA, Hamden, CT
Ms. Reelick served as an environmental scientist responsible for a Phase I Environmental Site Assessment located in Hamden. Efforts included site inspection, municipal research, review of environmental records and databases, and report writing.

Phase I ESA, Enfield, CT
Ms. Reelick served as an environmental scientist responsible for a Phase I Environmental Site Assessment located in Enfield. Efforts included site inspection, municipal research, review of environmental records and databases, and report writing.

Phase I ESA, Torrington, CT
Ms. Reelick served as an environmental scientist responsible for a Phase I Environmental Site Assessment located in Torrington. Efforts included site inspection, municipal research, review of environmental records and databases, and report writing.

Phase I ESA, Vernon, CT
Ms. Reelick served as an environmental scientist responsible for a Phase I Environmental Site Assessment located in Vernon. Efforts included site inspection, municipal research, review of environmental records and databases, and report writing.

Ralph Klass, P.E., LEP • Chief Engineer

47 years of experience

BS, Environmental Engineering (Rensselaer Polytechnic Institute)

Licensed Environmental Professional (LEP - CT)

Licensed Professional Engineer (CT, MA, RI)

SUMMARY

Mr. Klass has extensive experience in the environmental consulting field. In the span of his over 44 year career, he has become an expert in the areas of hazardous waste management, environmental site assessments, impacted site remedial investigation and feasibility studies, groundwater monitoring programs, RCRA compliance, industrial and municipal wastewater treatment, sludge management, and contract document preparation. He has been a group manager on numerous projects involving environmental site assessments, contaminated site RI/FS report prep, design and implementation of site investigation and remediation projects, underground petroleum storage tank removal, lead based paint inspections, SPCC and SWPPP plan prep, RCRA compliance programs (including landfill closure design and cap construction and design of industrial pollution control facilities), preparation of CTDEEP General Permit packages and Sediment and Erosion Control Plans.

PROJECT EXPERIENCE

Environmental Monitoring Services, East Hartford, CT
Assists with numerous environmental monitoring services related to B&L's on-call service agreement with the Town. Services include landfill groundwater monitoring and reporting, revised landfill monitoring plan preparation, and quarterly landfill water quality monitoring and report preparation. B&L has been assisting the Town with identifying and mapping their MS4 outfalls since the spring of 2019.

Environmental Monitoring Services, East Hartford, CT
Assists with numerous environmental monitoring services related to B&L's on-call service agreement with the Town. Services include landfill groundwater monitoring and reporting, revised landfill monitoring plan preparation, and quarterly landfill water quality monitoring and report preparation. B&L has been assisting the Town with identifying and mapping their MS4 outfalls since the spring of 2019.

Environmental Services, North Haven, CT
Providing numerous environmental services to the Town of North Haven. Services include Landfill Monitoring, Water Pollution Control Facility (WPCF) SPCC compliance, preparation of a Phase I located at 6 Banton Street, fuel tank removal and replacement at the Department of Public Works, and numerous other services.

Town of Manchester Landfill, Manchester, CT
Assists with numerous ongoing services pertaining to the Manchester Landfill. Services include preparation of quarterly and annual reports, leachate and seep inspections, sampling services, landfill plan preparation, and landfill operational assistance. B&L Engineering has been providing environmental services to the Town of Manchester Landfill for over 20 years.

Oil Tank Removal and Replacement, Canterbury Elementary School, Canterbury, CT
Performed services for the removal and replacement of a 6,000 gallon underground oil tank at the Canterbury Elementary School located at 67 Kitt Road. The old tank had been installed in 1989. B&L's services included an inspection to assess existing conditions, design of a tank replacement to all applicable codes, assist town with paperwork and meeting with the State of CT Office of School Construction Grants to obtain bidding approval, assist with contractor procurement, review and approval of any shop drawings, and monitoring of construction for compliance with plan and specifications.

UST Removal Services, Private Client, Middletown, CT
Environmental Scientist responsible for assisting with the removal of two USTs for a private client in Middletown. Services included the removal of two USTs – one 10,000 gallon diesel fuel tank, and one 6,000 gallon gasoline tank, as well as the associated pump island. B&L performed removal oversight services, performed groundwater testing services, and confirmatory soil sampling services.

Lyman Memorial High School Fuel Tank Removal, Lebanon, CT
Environmental scientist responsible for providing design services related to the removal and replacement of a 10,000 gallon storage tank at Lyman Memorial High School in Lebanon (917 Exeter Road). Services include tank removal and site restoration, tank replacement, controlled excavation and disposal, inspection and design, grant paperwork assistance, procurement and bid/contractor evaluation, shop drawing review, and project meetings.