

David Murphy, P.E. CFM, Associate

Senior Project Manager, Water Resources Engineering

Years of Experience:

With This Firm: 13

With Other Firms: 8

Education:

B.S., Geological Sciences
Cornell University
Ithaca, NY

M.S., Hydrology
University of Arizona
Tucson, AZ

Other Training:

OSHA – 40 hour training for
Hazardous Waste Sites

OSHA – 8 hour Supervisory
Training

License/Certification:

Professional Engineer
- Connecticut

Certified Floodplain Manager
(CFM)

FEMA Benefit-Cost Analysis
Certification



Mr. Murphy oversees natural hazard mitigation and water supply services at Milone & MacBroom. Project experience related to natural hazard mitigation includes hazard mitigation planning, flood mitigation, selection and development of hazard mitigation projects and grant applications, coastal land use planning, and coastal resilience planning. Project experience related to water supply includes water supply planning, groundwater supply development, safe yield studies, instream flows studies, water supply permitting, watershed protection, aquifer protection, and water system emergency response plans. Mr. Murphy also provides support to the full spectrum of projects administered in the firm's water resources group, including watershed management, environmental impact evaluations, and environmental permitting.

Highlights of Mr. Murphy's project experience follows:

Dam Emergency Operations Plans, Norwich Public Utilities Norwich, Connecticut

Prepared emergency operations plans for the Stony Brook, Deep River, Fairview, Bog Meadow, and Taftville Reservoirs #1 and #3. Reviewed dam breach inundation mapping; delineated inundation areas on base maps with overlay parcel mapping and FEMA-designated flood zones to characterize the populations and number of structures in these areas; tabulated names and addresses of property owners in the inundation areas; mapped evacuation areas and routes; conducted reconnaissance-level inspections of each dam and the downstream inundation areas; and compiled emergency contact information for NPU, municipal officials, and state agencies.

Mixville Pond Dam Emergency Operations Plan Cheshire, Connecticut

Prepared an emergency operations plan for a public Class C dam in Cheshire. Reviewed dam breach inundation mapping; delineated inundation areas on base maps with overlay parcel mapping and FEMA-designated flood zones to characterize the populations and number of structures in these areas; tabulated names and addresses of property owners in the inundation areas; mapped evacuation areas and routes; conducted reconnaissance-level inspections of each dam and the downstream inundation areas; and compiled emergency contact information for dam operators, municipal officials, and State agencies.

Hazard Mitigation Plan Council of Governments Central Naugatuck Valley, Connecticut

Prepared ten pre-disaster hazard mitigation plans for the municipalities of the Central Naugatuck Valley. Evaluated hazard effects of inland floods, hurricanes and tropical storms, nor'easters and winter storms, tornadoes and summer storms, earthquakes, landslides, sinkholes, dam failures, and wildfires. Recommended mitigation strategies including prevention/planning, structural projects, public information, and resource protection. Guides each plan through FEMA approval and adoption by the local Board of Selectmen or Board of Aldermen in each municipality.

Hazard Mitigation Plan Meriden, Connecticut

Prepared hazard mitigation plan for the City of Meriden. Evaluated hazard effects of inland floods, hurricanes, nor'easters, tornadoes, earthquakes, dam failures, and wildfires. Recommended mitigation strategies including prevention/planning, structural projects, public information, and resource protection.

**Multi-Jurisdiction Hazard Mitigation Plan
Southeastern Connecticut**

Project Manager for the update of the Southeastern Connecticut Council of Governments (SCCOG) Multi-Jurisdictional Hazard Mitigation Plan for the 22 member communities (Norwich, Groton, New London, and surrounding communities and tribes). The Plan update addresses inland flooding, coastal flooding (including sea level rise), hurricanes and tropical storms, summer storms (including tornadoes, hail, and lightning), winter storms (including nor'easters, severe ice storms, snow, and freezing hazards), earthquakes, landslides, dam failure, and wildfires in the region. Recommended mitigation strategies including prevention/planning, structural projects, public information, and resource protection.

**Multi-Jurisdiction Hazard Mitigation Plan
Ansonia, Derby, Seymour & Shelton, Connecticut**

Developed develop a Disaster Multi-Hazard Mitigation Plan for the towns of Ansonia, Derby, Seymour & Shelton for the Valley Council of Governments (VCOG). The Plan update addresses inland flooding, coastal flooding (including sea level rise), hurricanes and tropical storms, summer storms (including tornadoes, hail, and lightning), winter storms (including nor'easters, severe ice storms, snow, and freezing hazards), earthquakes, landslides, dam failure, and wildfires in the region. Recommended mitigation strategies including prevention/planning, structural projects, public information, and resource protection.

**Local Flood Hazard Mitigation Assessment
Prattsville, New York**

Prepared a Local Flood Hazard Mitigation Assessment (flood mitigation study) for the town of Prattsville in response to the devastating flooding from Tropical Storm Irene. Managed the HEC-RAS modeling and evaluated mitigation alternatives such as bridge replacement, channel modifications, and channel dredging. In addition, conducted FEMA benefit-cost analysis (BCA) for 17 residential and commercial properties as a measure of evaluating overall cost-effectiveness of acquiring 150 or more structures in the center of town.

**Pequonnock River Flood Control
Trumbull, Connecticut**

Assisted with flood mitigation study of Pequonnock River in Trumbull, Connecticut. Evaluated alternatives for flood mitigation included diversion of water to an adjacent drainage basin, construction of a new dam, managed drawdown of a lake in the watershed, and acquisition of homes in the floodplain.

Edwart A. Hart, P.E., Vice President

Director of Civil Engineering

Years of Experience:

With This Firm: 26
With Other Firms: 6

Education:

B.S., Civil Engineering
University of Vermont
Burlington, Vermont

Computer Science Courses
(Graduate Level)
University of New Haven
West Haven, Connecticut

Continuing Education:

Shore Protection
TR-55 and TR-20
Hydrology
On-Site Wastewater Trmt.
In-Stream Flow
Incremental Methodology

License/Certification:

Professional Engineer
- Connecticut
- Vermont
- North Carolina
- Maine
- New Hampshire
- New Jersey



Mr. Hart is a Principal of Milone & MacBroom and is Director of the Civil Engineering group. He has over 30 years of experience with an emphasis in the areas of civil engineering, hydrology, hydraulics, stormwater management, dam construction and repairs, regulatory permit programs, and public and private site development. Mr. Hart has the responsibility of overseeing and managing the firm's site development projects and assists in the stormwater management and the permitting aspects of site planning projects.

Highlights of Mr. Hart's project experience follows:

Lydall Spillway #1 Structural Assessment Manchester, Connecticut

Project Manager involved in the structural assessment of the Lydall Spillway #1 located in the Lydall Reservoir. The structural assessment was conducted to verify the structural integrity of the spillway and analyzed the adequacy of the wingwalls and revealed that both had extensive cracking and spalling.

Danbury Dike, Candlewood Lake (FirstLight Power Resources) Danbury, Connecticut

Project Manager responsible for the design and inspection of repairs to a FERC regulated structure approximately 45 feet high and 650 feet long. FERC requires that the seepage leaking through the dike be controlled with a filter system.

Hydroelectric Canal Repairs (FirstLight Power Resources) Falls Village, Connecticut

Provided engineering services for the repair of approximately 1000' of the concrete canal. The repairs included pressure grouting of voids, shotcrete repair of deteriorated concrete and expansion joint replacement.

Chestnut Hill Reservoir Dam Wolcott, Connecticut

Provided engineering services for the design of the repairs to the Chestnut Hill Reservoir Dam. Work included determining the structure's hydraulic capacity and the preparation of detailed plans, specifications, and contract documents. Improvements included construction of a concrete side channel spillway, installation of a toe drain, and construction a riprap spillway channel.

Lake Percival Dam Cheshire, Connecticut

Provided engineering services for the construction of a 14 foot high by 275 foot long dam impounding Lake Percival. Work included the preparation of detailed plans, specifications, and contract documents for bidding purposes and inspection services during the construction of the project. Improvements included concrete repairs to the existing spillway, a new grass-lined emergency spillway, riprap armoring, and providing a uniform crest elevation.

Hydrology Improvements to Harvey's Lake Dam Barnet, Vermont

Assisted with hydrology and hydraulics analysis to reduce local flooding.

Professional Affiliations:

American Society of Civil Engineers
Association of State Dam Safety Officials
Association of State Floodplain Managers
Connecticut Home Builders Association

Woodtick Reservoir Dam Rehabilitation

Wolcott, Connecticut

Designed improvements to the earth embankment and obtained the necessary regulatory permits for a 20 foot high by 1,600 foot long structure which impounds a 138 acre pond.

Hopeville Pond Dam

Griswold, Connecticut

Project Manager for the design and construction of repairs where the existing spillway was supplemented with an additional 100 foot spillway.

Cornelius Dam

Wolcott, Connecticut

Designed repairs to a stone masonry and concrete dam.

Bunnells Pond Dam

Bridgeport, Connecticut

Prepared a detailed hydraulic analysis of flood conditions including a dam breach analysis for a 31 foot high by 1,000 foot long dam. Designed the dam to be protected from overtopping using roller compacted concrete. Also designed a fish ladder.

Cockaponset & Hackney Pond Dams

Haddam, Connecticut

Prepared inspections of both dams and designed and inspected the repairs.

Anadromous Fish Restoration

Naugatuck & Mad Rivers, Connecticut

Analyzed alternatives for anadromous fish passage around seven dams on the Naugatuck and Mad Rivers, prepared engineering designs for the recommended alternatives, and supervised construction.

Rockland Pond Dam

Montville, Connecticut

Project Manager responsible for the preparation of design plans and permit applications for construction, assisting in the selection of a contractor, inspecting the progress of the construction of the improvements to the dam, and preparing an Operations and Maintenance Manual and an Emergency Operations Plan for the dam.

Lees Pond Dam

Westport, Connecticut

Provided design for repairs to the Lees Pond Dam and also prepared a water control plan for construction phase activities, a sediment and erosion control plan, an operation and maintenance plan, and an emergency operation plan.

Sasco Pond Dam

Westport, Connecticut

Completed a detailed visual inspection along with an inspection report, design plans, and permit applications.

Mill House Pond Dam

Woodbury, Connecticut

Provided engineering and design services for improvements to the Mill House Pond Dam that is approximately 8 feet high and 63 feet wide from abutment to abutment

W. Andrew Greene, P.E., LEED AP, Associate

Senior Project Manager, Water Resources Engineering

Years of Experience:

With This Firm: 18

With Other Firms: 5

Education:

B.S., Civil Engineering
Lafayette College
Easton, PA

License/Certification:

Professional Engineer

- Connecticut
- Pennsylvania
- Delaware
- New Hampshire
- New York
- Massachusetts
- Vermont
- West Virginia

U.S. Green Building Council
LEED Accredited Professional

Professional Affiliations:

American Society of Civil
Engineers (ASCE)



Mr. Greene has over 20 years of experience in project management, design and construction review with an emphasis on dam repair, removal and fish passage projects. He also has experience in the design of sanitary sewage systems and community subsurface sewage disposal systems including pump stations, force mains, gravity sewers, site development projects and recreational facilities.

Mr. Greene's project experience follows:

Upper Bondsville Dam Belchertown, Massachusetts

Prepared report to evaluate the advantages and disadvantages of repair versus removal of the run-of-the-river dam on the Swift River.

Briggsville Dam Removal Clarksburg, Massachusetts

Project Manager responsible for the preparation of construction drawings and bidding assistance for the removal of a combination concrete and stone masonry run-of-the-river dam. The design included the removal of 12,000 cubic yards of sediment accumulated behind the dam up to the height of the spillway crest.

Hasen Pond Dam Weston, Connecticut

Project Manager responsible for the preparation of construction drawings and specifications for the construction of a combination naturalized fish by-pass channel and fish ladder thru the landscaped lawn of a private homeowner.

Wapping Road Dam Removal Kingston, Massachusetts

Project Manager responsible for the preparation of construction drawings and specifications for the removal of a concrete run-of-the-river dam on the Jones River. The design included excavation and removal of sediment accumulated behind the dam and bank stabilization along the left bank to protect an adjacent occupied mill building.

Choate Rosemary Hall Lower Pond Dam Wallingford, Connecticut

Project Manager responsible for the preparation of construction drawings and construction administration for the dredging of 2 ponds and repairs to a 100 year brownstone masonry dam in the center of the school campus.

182nd Street Dam Bronx, New York

Project Manager responsible for the preparation of construction drawings and specifications for the dam repairs and fish ladder construction on the Bronx River. Design repairs included structural concrete to encase the right non-overflow section of the dam to minimize leakage thru the existing stone masonry structure. The fish ladder design included a concrete encasement to the aluminum fish ladder with fish counting equipment and vandal resistant features.

Great Works Dam Removal Penobscot River, Maine

Project Manager responsible for the preparation of construction drawings and

specifications for the removal of 1,000 foot long portion a run-of-the-river dam comprised of five distinct spillways constructed of concrete, stone masonry and timber cribbing. Construction access and water control were important design issues with average spring flows in excess of 20,000 cfs.

**Mill House Pond Dam
Woodbury, Connecticut**

The recommended repairs for the existing run-of-the-river dam on the Nonnewaug River included; resetting stone armoring to the existing abutments, injecting grout and replacing the existing stone masonry and concrete dam.

**Cleveland Park Pond
Spartanburg, South Carolina**

Performed visual dam inspection and designed concrete repairs for the dam and spillway which included repairs to the concrete pedestrian bridge over the spillway within the heart of the Park.

**Bunnell's Pond Dam Report
Bridgeport, Connecticut**

Researched and analyzed 13 different options for the protection of Bunnell's Pond Dam during overtopping of the PMF design storm and submitted a report to the CT DEEP. Based upon the recommended protection scheme, designed a 10,000 CY roller compacted concrete armoring system to protect the dam during the design storm. The design also included a structural concrete wall, as well as improvements to the gate structure, low level outlets and an aluminum fish ladder.

**Woodtick Reservoir Dam
Wolcott, Connecticut**

Designed repairs to a 100 year old, concrete gravity dam; including new structural concrete sections, concrete patch repairs, gate house and gate valve improvements as well as a new pre-fab structural steel pedestrian bridge spanning a secondary spillway on top of the dam providing access to the gate house. Served as Resident Project Representative for the dam repairs during construction.

**Cornelus Dam
Wolcott, Connecticut**

Designed concrete repairs to stone masonry and concrete dam and spillway immediately upstream of an existing vehicular bridge and served as Resident Project Representative for the repairs during construction.

**Stillwater Pond Dam
Torrington, Connecticut**

Designed reinforced concrete repairs to cap the existing spillway and training walls as well as improvements to the gate house and gate valves and gate controls. The downstream earth embankment was reduced in slope and toe drains were installed.

**Mirror Lake
Meriden, Connecticut**

Performed an engineering study which included a visual dam inspection, pond sediment sampling, dredging recommendations, sediment source control methods, repairs to the stone masonry wall surrounding the lake, and improvements to the dam embankment and spillway channel.

**Lake Forest Dam
Bridgeport, Connecticut**

Performed a visual dam inspection and designed the replacement of the existing spillway with a concrete labyrinth weir capable of passing the spillway design storm in a heavily developed residential neighborhood with restrictive area.

Charcoal Pond Dam
Bridgeport, Connecticut

Performed a visual dam inspection and prepared report.

Lee's Pond Dam
Westport, Connecticut

Designed repairs to the 200 foot long 17 foot high stepped stone masonry spillway and outlet works originally constructed in 1903 on the Saugatuck River. Prepared permits for submission to the CT DEEP Dam Safety Division, as well as construction administration services.

Naugatuck River Dams
State of Connecticut

Performed visual dam inspections and prepared inspection reports on eight dams in Thomaston, Waterbury, Naugatuck, and Seymour. The reports included conditions assessment and construction access was also evaluated for all the dams as part of an overall fish passage and dam removal project.

Hackney Pond & Cockaponsett Marsh Dam
Haddam, Connecticut

Performed visual dam inspections.

Benedict Pond Dam
Norfolk, Connecticut

Resident Project Representative during the construction of a new concrete spillway capable of passing the required spillway design storm to replace an existing stone masonry spillway.

Pandanaram Dam
Danbury, Connecticut

Resident Project Representative responsible for the first use of roller compacted concrete in the State of Connecticut. The project included the placement of a 9,000 CY gravity RCC structure upstream of a 100-year old stone masonry dam, while preserving the historic character of the existing dam.

Upper Kohanza Dam
Danbury, Connecticut

Resident Project Representative involved in the reconstruction of an existing earth embankment dam and enlargement of outlet works to convey the design storm.

Margerie Dike
Danbury, Connecticut

Resident Project Representative responsible for the reconstruction of an existing dike armoring with riprap, installation of drainage, and construction of dry hydrant

located on the Nonnewaug River in Woodbury.

Fairview Reservoir Dam & Spillway Rehabilitation

Norwich, Connecticut

Detailed visual inspection and prepared an inspection report recommending the necessary repairs/improvements.

Levee Accreditation Analysis

Derby / Ansonia, Connecticut

Provided engineering services as part of the accreditation process of the flood control levee with FEMA National Flood Insurance Program. Work included hydraulic analysis of existing drainage outlets through the levee, field investigation to determine location and conditions of the drainage outlets, scour evaluation of the levee embankment, and preparation of supporting documentation to FEMA.

Roy Schiff, Ph.D., P.E.

Water Resource Scientist and Engineer

Years of Experience:

With This Firm: 9
With Other Firms: 2

Education:

Ph.D., Stream Restoration and Aquatic Ecosystems
Yale School of Forestry and Environmental Studies
New Haven, CT
M.S., Environmental Science and Engineering
University of Washington
Seattle, WA
B.S., Engineering
University of Rochester
Rochester, NY

License/Certification:

Professional Engineer
- Vermont

Certified Soil Evaluator
University of Massachusetts
Amherst, MA

Professional Affiliations:

American Fisheries Society
American Rivers
American Society of Civil Engineers (ASCE)
American Water Resources Association (AWRA)
Trout Unlimited (TU)
MadDog Chapter
Montpelier Conservation Commission



Dr. Schiff is a Water Resource Scientist and Engineer specializing in river and floodplain restoration, geomorphic and habitat assessment, flood mitigation, hydrology and hydraulics, and sediment transport analysis. In addition to applied restoration work such as channel creation, bank stabilization, and dam/levee removal, Dr. Schiff has been involved in several research projects improving protocols for habitat assessment and creating guidelines for channel restoration. Other experience includes biomonitoring, dam assessment and failure analysis, and floodplain management.

Highlights of Dr. Schiff's relevant project experience include:

Boquet River Dam Study Willsboro, New York

Managed project to assess old timber crib dam and determine if removal, rehabilitation, or replacement is the preferred alternative. Assisted with data collection, analyzed data, performed alternatives analysis and assisted with reporting.

Scott Pond Dam Fish Passage Charlotte, Vermont

Assisted with hydraulic modeling and design to allow Atlantic salmon and steelhead migrating from Lake Champlain to Lewis Creek to pass the small dam that was installed to be a barrier to the invasive sea lamprey. A jump pool was designed to meet fish passage criteria without exceeding lamprey blocking criteria.

Bronx River Fish Passage & Restoration Bronx, New York

Performed dam safety inspections at three structures, developed a HEC-1 flood hydrographic model, and modeled dam breach alternatives to assess downstream hazards.

Lamoille Union School District Dam Hyde Park, Vermont

Assisted with field data collection, survey, and dam reconstruction design.

Keowee Mountain Dam Breach Analysis Pickens County, South Carolina

Conducted dam failure analyses using HEC-RAS to create inundation maps of downstream flood hazard areas on three small streams with earthen embankment dams.

Gresham Park Subdivision Dam Breach Analysis Greenville, South Carolina

Conducted dam failure analyses using HEC-RAS to create inundation maps of downstream flood hazard areas on three small streams with earthen embankment dams.

Dam Breach Analysis Greenville County, South Carolina

Conducted dam safety assessments that included preparation of hydraulic computer models for potential failure evaluations and delineation of downstream flood hazard areas.

Dufresne Pond Dam Removal

Manchester, Vermont

Performed field survey, hydrology and hydraulic modeling, and base mapping in preparation of dam removal and channel restoration design. Sediment transport and fish passage analysis will be performed.

Franconia Paper Company Dam Removal

Groton, Vermont

Coordinated field survey, led hydrology and hydraulic modeling, performed alternatives analysis, and assisted with design.

Kendrick Pond Dam Removal

Pittsford, Vermont

Performed field data collection and preliminary design for dam removal and sediment management. Drafted report of findings and presented results to Pittsford Select Board. Provided opinion of probable construction cost.

Lower Hurricane Reservoir Dam Removal

Hartford, Vermont

Project Manager responsible for analyses, permitting, design, and construction phase services.

Henry Bridge Dam Removal

Bennington, Vermont

Project lead, assisted with survey, geomorphic assessment, hydrology, hydraulics, design, and permitting.

Rice Creek Dam Removal & Fish Passage

Marshall, Michigan

Inspected two dams, performed geomorphic investigations of the river channel, prepared a HEC-RAS computer model, and assessed fish habitat and passage alternatives for the removal of two dams on Rice Creek.

Fort Covington Dam Removal

Fort Covington, New York

Assisted in dam removal project. Conducted bid management, construction oversight, and post-removal follow-ups.

Briggsville Dam Removal

Clarksburg, Massachusetts

Performed hydraulic modeling, sediment transport analysis, and scour analysis. Assisted with plans for removal of the dam and channel restoration including sediment management, dewatering, and construction sequencing.

Penobscot River Restoration & Dam Removals

Veazie, Old Town, and Howland, Maine

Participated in project removing three large dams from the Penobscot River. Conducted hydrology analysis to develop project design flows.

Lower Hurricane Reservoir Dam Removal

Hyde Park, Vermont

Assisted with dam reconstruction design and performed hydrology and hydraulic analysis of the new spillway structure. Assisted with state and federal permitting, construction documents, bid-phase services, and construction oversight.

West Fork River Dam Removal

Clarksburg, West Virginia

Performed data collection and dam removal design for three structures. Assisted with the alternatives analysis and hydraulic modeling. Gave public presentations to the local water board to explain and gain support for the project.

Elsa E. Loehmann, P.E.

Project Engineer, Water Resources

Years of Experience:

With This Firm: 9
With Other Firms: 5

Education:

M.S., Environmental
Engineering
B.S., Bio Resources
Engineering
Montana State University
Bozeman, Montana

Licenses/Certifications:

Professional Engineer
Connecticut

Engineer-in-Training
Montana

Ms. Loehmann is a Water Resource Engineer with a background in civil engineering. She received her Master's Degree in Civil Engineering with an environmental emphasis. Her experience includes natural resource preservation and management, river hydraulics and geomorphology, and contaminant transport and remediation.

Highlights of Ms. Loehmann's project experience follow:

Fairview Reservoir Dam & Spillway Rehabilitation Norwich, Connecticut

Performed a visual inspection of the dam to determine structural integrity, dam classification, and hazard rating. Prepared a dam inspection report.

Millbrook Meadow & Mill Pond Restoration Rockport, Massachusetts

Project Engineer responsible for conceptual design alternatives and Master Plan development for meadow and park improvements including wetland and stream restoration.

Destruction Brook Dams Dartmouth, Massachusetts

Inspected three low head dams and assessed their physical condition. Prepared inspection reports.

Town Brook Plymouth, Massachusetts

Prepared concept design plans for the restoration of a quarter mile of Town Brook in Plymouth, Massachusetts, involving the removal of two dams set within a six square mile watershed. Restoration plans include creation of a cool-water stream with riffle-pool morphology to support brook trout and other cold-water species. Necessary attention was paid to stability to substrate appropriate for salmonid species, creation of acceptable velocities and channel depths, appropriate channel morphology. Channel design included a HEC-RAS hydraulic and Stable Channel Design analysis, among many other geomorphic and hydraulic inputs. Completed sediment transport and sediment stability analyses to ascertain stability of design.

Plymco & Off-Billington Street Dams Plymouth, Massachusetts

Prepared feasibility study for repairing versus removing two dams, including HEC-RAS computer model.

Ballou Dam Removal Yokum Brook Becket, Massachusetts

Assisted in conducting an alternatives analysis of channel rehabilitation after dam removal. Prepared conceptual design plans for alternatives. Prepared a HEC-RAS model to evaluate the chosen alternative.

Neponset River Boston and Milton, Massachusetts

Refined conceptual design alternatives for fish passage and habitat improvements through the removal of two dams on the Neponset River in Boston and Milton, Massachusetts. Habitat improvements include the use of placed riffles, improvement of existing depositional bars, and removal of poor habitat quality



low-flow zones. Analyzed storm hydrographs from USGS gage data to determine flood storage potential of existing dams. Prepared HEC-RAS hydraulic model encompassing over four miles of river and 101 square miles of watershed; conducted a sediment stability analysis.

**Mill River
Stamford, Connecticut**

Reviewed and conducted oversight of HEC-RAS hydraulic model of proposed conditions for dam removal and habitat improvements on the Mill River in Stamford.