

APPLICATION COVERSHEET

**Grant Announcement NO. BWSC-2014-01
Mystic River Watershed Restoration
Chelsea and Mill Creek, Malden and Lower Mystic River Watersheds
NRD Assessment and Restoration Program**

Check box on right to indicate which of the required documents this is.	
ORIGINAL #1 COMPLETE APPLICATION WITH WET-INK SIGNED STANDARD CONTRACT FORM AND COMMONWEALTH TERMS AND CONDITIONS.	<input checked="" type="checkbox"/>
ORIGINAL #2 COMPLETE APPLICATION WITH WET-INK SIGNED STANDARD CONTRACT FORM AND COMMONWEALTH TERMS AND CONDITIONS.	<input type="checkbox"/>
COPY OF APPLICATION SECTIONS 1 – 6 ONLY COPY NUMBER:	___ of 5

Name of Applicant:	Mystic Valley Development Commission (MVDC)
Name of Project:	Mystic Valley Development Commission and Preotle Lane and Associates Ltd. Proposed Wetlands and Bank Resource Area Replication/Restoration

SECTION 1

APPLICATION

(Grant Announcement Attachment A)

ATTACHMENT A

APPLICATION

A. APPLICANT INFORMATION

Applicant Name: Mystic Valley Development Commission

Mailing Address: 200 Pleasant Street, Room 621

City/Town: Malden State: MA Zip: 02148

Applicant website (if applicable): <http://www.cityofmaiden.org/Mystic-Valley-Development-Commission>

Type of Entity:

- Private Individual Non-profit Organization State Government
 Federal Government Tribal Government Municipal Government
 County Government Corporation/Business Academic Institution
 Other (explain) _____

B. CONTACT PERSON

Name: Elizabeth Debski, AICP Title: River's Edge Project Director

Mailing Address: 200 Pleasant Street, Room 621

City/Town: Malden State: MA Zip: 02148

Email address: edebski@maidenredevelopment.com

Telephone: 781-324-5720 Fax: 781-942-1750

Applicant Signatory (Person legally authorized to sign for the Applicant. Leave blank if same as above)

Name: _____ Title: _____

C. PROJECT INFORMATION

Project Name:

Mystic Valley Development Commission and Preotle Lane and Associates Ltd. Proposed Wetlands and Bank Resource Area Replication/Restoration

Abstract:

The Mystic Valley Development Commission (MVDC) in partnership with Preotle Lane and Associates Ltd. (PLA) is submitting this request for funding assistance to further the goals of the comprehensive ecosystem restoration program underway within the Malden River Corridor. The project that is the subject of this proposal is located within a comprehensive Brownfields redevelopment project known as River's Edge, whose goals include the restoration of long neglected public benefits through the reclamation of blighted banks and resource areas together with the creation of extensive open space/park land. The proposed project generally involves the completion of additional design work and corresponding permitting to increase the benefits associated with a currently proposed MassDOT 9,710 sq. ft. wetland replication program by adding an additional 1,220 sq. ft. of wetland replication/creation and 1,192 sq. ft. of degraded bank stabilization. As depicted on Figure 1, the proposed project near the confluence of the Malden River and Little Creek upon property referred to as the Malden River Park.

Included within the scope of this project is a commitment to provide all, although not required, matching funds necessary to support final project design, project management and construction oversight. The proposed project will support the future construction of a scenic overlook and will enhance the aesthetic, as well as education value of access to the river for several culturally diverse urban communities.

Project Location:

The project area is located in Medford, just south of the confluence of the Malden River and Little Creek.

Longitude and Latitude of the approximate center of the project is:
N 42° 24' 45", W 71° 04' 25"

Project Location Map:

See attached Figure 1

Project Site Access and Control:

Is the property where the project is to occur owned by the community or organization requesting this funding?

Yes No

Is the property where the project is to occur owned by a project partner?

Yes No

If not, has the property owner given long-term permission to the community or organization requesting this funding or a project partner, to access the property where your project is to occur?

Yes No

If so, are the rights of access granted by:

Easement Long Term Lease Written Permission

If you checked "No" to any questions above, then explain what steps are being taken to secure the rights of access to the property where the project is to occur?

As indicated above, the MVDC as applicant has written access to the project area from PLA

Project Site Potential Contamination:

Is the property where the project is to occur potentially contaminated by oil/hazardous material as defined in the Massachusetts Contingency Plan (MCP) 310 CMR 40.000?

Yes No Unknown

If so, then explain what steps are planned to address the contamination as it relates to the project?

Comprehensive soil and groundwater studies have identified that Polynuclear Aromatic Hydrocarbons (PAHs) and metals represent the primary Contaminants of Concern (COCs) within the historic fill unit. These constituents are generally present in concentration ranges similar to those found in urban fill material, a condition that is prevalent within areas of early industrial/commercial expansion. Exceptions to this generalized condition have included discrete pockets of heterogeneous fill materials containing industrial wastes and more recent releases of oil and/or hazardous materials (OHM) attributable to site activities undertaken following historic fill deposition. A Class C Response Action Outcome (RAO) has been achieved for Phase I of River's Edge (RTN 3-1680). Further implementation of selected remedy improvements are proposed to be completed this year. All work involving the management of soil under this project will be completed in accordance with a project specific Release Abatement Measures (RAM) Plan that will be prepared and filed with MassDEP prior to the commencement of the work.

Site Description:

The proposed project is located within the boundaries of a regional Brownfields project known as River's Edge. The River's Edge Brownfields site is comprised of 200 acres of contiguous property bisected by the Malden River. The Cities of Malden, Medford, and Everett as "host communities" for the River's Edge Showcase Communities Brownfields project are committed to ending decades of decay and blight attributable to a legacy of a once proud industrial past. Phase I of the River's Edge (in Medford) is nearing completion and the proposed project area represents the northeasterly corner of this study area. The proposed project area consists of degraded upland and bordering wetland banks adjacent to an approximate 9,710 sq. ft. area of proposed compensatory wetland mitigation associated with the ongoing Route 16 Roadway Reconstruction. This area is located just south of the confluence of the Malden River and Little Creek, as depicted on Figure 1.

The Malden River Corridor once served as the road north from the historic port City of Boston and provided passage for the expansion of the textile, chemical, shipping, metal works, rubber goods, pharmaceutical and fuel stock trades during the mid to late 1800s. Small businesses and sole proprietorships' that established along the banks of the Malden River grew into industry giants of today

who provided jobs to tens of thousands in support of America's Industrial Revolution. Integral to the scope of the project under consideration, is the nature of historic filling of tidelands associated with the once tidal flows of the Malden River and the extensive industrial development, which followed during the mid-1800s. This expansion of early American Industry along the banks of the Malden River was supported by the reuse of industrial waste, razed building materials and dredge materials, as structural fill.

Project Description:

The Mystic Valley Development Commission is a body corporate and politic established by state legislation (Section 11 of Chapter 294 of the Acts of 1996-Appendix A). The MVDC is a "Government Entity Created by State Legislature" and is, therefore, an eligible entity to receive EPA funds for Brownfields assessment. The MVDC is authorized under its enabling legislation to accept and manage grants. PLA is the Master Developer and owner for the subject property (River's Edge) proposed for resource area restoration/replication.

The proposed project is intended to expand upon the resource replication efforts to be performed as a compensatory mitigation measure for the Route 16 Roadway Reconstruction project. Subject to the extent of available funding, it is proposed to coordinate restoration/replication activities within the areas depicted on Figure 1. The currently proposed MassDOT wetland mitigation project involves approximately 9,710 square feet of land near the confluence of Little Creek and the Malden River. The proposed project, which is the subject of this submittal, will expand upon the limits of the MassDOT project area to the extent that funds are available through the addition of approximately 1,220 sq. ft. of wetland replication/creation and 1,192 sq. ft. of blighted bank restoration. Matching funds and services for design/permitting, management, and construction oversight will be provided by the MVDC/PLA project team. This technical group has been responsible for the restoration of over 1,430 linear feet of river bank within the River's Edge project area. Currently, representatives of PLA are meeting with MassDOT to evaluate the feasibility of PLA completing the necessary compensatory mitigation program and the project, which is the subject of this funding request, would be an expansion of the area of proposed resource area replication/restoration. In the event that MassDOT does proceed with the required mitigation program, the MVDC/PLA project team will coordinate with MassDOT to provide the maximum design connectivity and uniformity of restoration improvements.

As outlined on the Project Location Map (Figure 1), three (3) areas proximate to the MassDOT project area have been targeted for replication/restoration utilizing the design standards pertaining to the overall Malden River Corridor Ecosystem Restoration program. Subject to the modification of the existing permits to allow for the expansion of the proposed MassDOT resource replication, the MVDC/PLA project team will continue with its commitment for achieving the highest standard of resource preservation. It is also to be noted that the MVDC is participating with the US Army Corps of Engineers (ACOE) to complete comprehensive ecosystem restoration measures within the overall Malden River Corridor through the development of a comprehensive ecosystem restoration plan entitled "The Malden River Ecosystem Restoration - Detailed Project Report and Environmental Assessment" while a detailed review of National Ecosystem Restoration Plan (NER) exceeds the scope of this current project is it important to note that Phase I of the River's Edge, and more specifically the Malden River Park where the project site is located, essentially represents the initial phase of NER plan implementation. As a part of this program, sustainable native plantings, habitat function values, invasive

species control measures, and overall resource area improvements have been developed. This guidance together with the New England Conservation Wildlife and Wetland seed mixes proposed by MassDOT within the area of wetland replication will be considered to provide design uniformity and function values.

Integral to the scope of the project under consideration, is the nature of historic filling of tidelands associated with the once tidal flows of the Malden River and the extensive industrial development, which followed during the mid-1800s. This alteration of the Malden River to support early land uses date back to 1847-1848, when Otis Tufts dredged the original artificial channel, or canal, in Malden. In 1874, the Commonwealth of Massachusetts sought funding to "straighten and deepen the Malden River..." and under the "U.S. Rivers & Harbors Act (June 14, 1880) provided for an Army Corps of Engineers survey and study of the Malden River, with the aim of straightening, widening, and deepening the river from mouth up to Charles Street Bridge..." Subsequently, the State DPW report for 1937 noted the following: "A contract was made on July 13, 1937, with Herbert T. Gerrish to dredge to a depth of 6 feet at mean low water a channel about 2,200 feet long and 100 feet wide in Malden River, Everett, Malden and Medford, at the following contract prices: ... for dredging and disposing of the dredged material on shore".

The proposed project represents continuation of efforts designed to provide unique public benefits, in terms of passive open space and recreational areas available to several communities. Situated in the highly urbanized and culturally diverse study area, reconnection to the Malden River represents the realization of a long neglected opportunity. Included in this, and as described in a resource and mitigation plan prepared by Tetra Tech Rizzo for River's Edge, it is intended to construct a scenic overlook in the general project area upon the completion of overall restoration efforts. The proposed project will enhance the aesthetic value of community access and enhance greater connectivity between the general public and the Malden River.

Currently, access to this portion of the study area is controlled by fencing, which provides a large separation from the banks of the Malden River. In addition to connection to the river system by the overlook, a continuation of interactive signage along the Malden River Park will promote further educational awareness of the benefit and values associated with resource area restoration. The MVDC/PLA partnership is committed to public outreach and involvement through regular meetings and informational updates to citizen involvement groups such as Friend of the Malden River and Mystic River Watershed Association (MyRWA).

Project Partner/Subcontractor:

Name: Preotle Lane and Associates Ltd. (PLA)

Mailing Address: 200 River's Edge Drive

City/Town: Medford State: MA Zip: 02155

Applicant website (if applicable): _____

Type of Entity:

- | | | |
|--|--|---|
| <input type="checkbox"/> Private Individual | <input type="checkbox"/> Non-profit Organization | <input type="checkbox"/> State Government |
| <input type="checkbox"/> Federal Government | <input type="checkbox"/> Tribal Government | <input type="checkbox"/> Municipal Government |
| <input type="checkbox"/> County Government | <input checked="" type="checkbox"/> Corporation/Business | <input type="checkbox"/> Academic Institution |
| <input type="checkbox"/> Other (explain) _____ | | |

Project Readiness:

Provide a list of permits or regulatory approvals (local, state, or federal) that are required to complete the project and current status of each permit or approval (e.g. not yet applied, completed and ready to apply, pending, granted, denied, under appeal):

Modification of Notice of Intent (NOI) from Medford Conservation Commission and ACOE Permit.

Describe the project readiness in terms of design (e.g. conceptual, 30%, 60%, 100%):

Building upon the framework developed within ACOE NER plan and existing engineering detail it is estimated that the design plan information is approximately at 70 %

Project Benefits: Check all relevant boxes.

- Restore, enhance or preserve critical aquatic, riparian and wetland habitats;
- Restore or enhance the function of water-dependent ecosystems by implementing measures to improve water quality for example addressing factors such as erosion, sedimentation, and other watershed disturbances (e.g. retrofit or replace inadequate infrastructure);
- Create or enhance public access to the River banks;
- Integrate planning and management of ecological restoration with existing or planned public access and recreation to mitigate impacts to critical aquatic and riparian habitats, with an emphasis on the efficient use of land, energy, and water and regional or multi-community benefits.

Specific benefits to the community and/or neighborhood as well as benefits to natural resources and/or the services they provide.

Summary of Project Benefits

- Enhance wildlife and wetland habitat value
- Restoration of eroded bank, TSS reduction
- Improved planting and vegetation in the area of a proposed scenic overlook
- Improved connectivity between recently restored resource areas
- Continuation of comprehensive ecosystem restoration within the Malden River Corridor, NER plan implementation.
- Inclusion in long term O&M implementation for invasive species control and resource sustainability.

CHECKLIST: POTENTIAL ENVIRONMENTAL AND SOCIOECONOMIC IMPACT

Impact Category: Economic

Impacts on...	No Impact	Minimal Adverse Impacts	Significant Adverse Impacts	Beneficial Impacts	Temporary Short-Term Impacts	Long-Term Impacts	Mitigation Required	Does Not Apply
Short-term commercial	X							
Property values				X				
River or land-based recreational expenditures and related businesses	X							
Existing resource-based industries	X							
Commercial water users	X							
River-based commercial navigation	X							
Wastewater discharges	X							
Stormwater discharges				X				
Other: Contractor Services				X				
Other: Future Pedestrian Trail & Scenic Overlook Construction				X				

Authorizing Statement

I declare that the information included in this Application and all attachments is true, complete, and accurate to the best of my knowledge, and that the proposed project complies with all applicable state, local and federal laws and regulations.


Signature of Applicant

3-11-2014
Date

Elizabeth Debski, AICP - Mystic Valley Development Commission (MVDC)
Name of Applicant

SECTION 2

PROJECT WORK AND COST PLAN

SECTION 2.0 PROJECT WORK AND COST PLAN

Included within this project is a commitment to provide all, although not required, matching funds to support final project design/permitting, project management and construction oversight. Of particular relevance to the goals of the proposed project is the continuity of the project team, which has conducted the extensive resource area mitigation/replication within the River's Edge Study area. Further, discussions are ongoing between PLA and MassDOT to have the required compensatory mitigation completed by the MVDC/PLA project team. If successful, the proposed project that is the subject of this submittal exhibits a higher degree of implementability, connectivity and long term operation and maintenance. With respect to the latter, O&M protocols are already in-place for previously replicated/restored resource areas to enhance the potential for sustainable and high function value ecosystem properties.

At this time, based upon the extensive amount of work that has been performed, it is estimated that the proposed project is at an approximate 70% design stage. To meet the requirements of an expanded mitigation program through the scope of work associated with this funding request, it is proposed to utilize \$2,500 from available funds, with any remaining requirements, including permitting, to be addressed by PLA. The balance of funds (\$16,005) will be applied for direct construction/field services with project management, monitoring and oversight to be performed by MVDC/PLA. It is to be noted that compliance with the MCP will be addressed through the preparation of a RAM Plan and corresponding regulatory oversight. These services will also be provided in the form of match contributions by the MVDC/PLA project team. A flow chart identifying key individuals involved with this project and their respective roles is presented at the end of this Section.

A summary of each project task, its estimated duration, estimated costs and the corresponding amount of grant funds requested for each task is provided below, followed by a Project Budget Summary.

Task 1 Project Management

Project Management services will be provided by the MVDC/PLA project team who will oversee the management of grant funds during the design/permitting phase and during the construction phase inclusive of any bidding requirements. MVDC/PLA will also prepare and submit all required quarterly progress reports for submittal to the MassDEP Program Manager. Grant funds will not be utilized for this task as it will be funded directly by the MVDC/PLA project team. This task will be completed throughout the duration of the project, which is expected to take 6 to 9 months to complete. The following is a summary of estimated Project Management sub-task costs.

<i>Task</i>	<i>Task Description</i>	<i>Estimated Total Cost</i>	<i>Estimated Grant Funds</i>
1.1	Grant Management Design/Permitting	\$750	\$0
1.2	Construction/Implementation	\$1,000	\$0
1.3	Quarterly Progress Reports	\$1,000	\$0

Task 2 Design/Permitting

This task generally involves the completion of additional design work and corresponding permitting to increase the benefits associated with a currently proposed MassDOT 9,710 square foot wetland replication program by adding an additional 1,220 square feet of wetlands replication and 1,192 square feet of degraded bank stabilization. It is to be noted that the extent of resource enhancement to be completed under this project will be based upon actual contractor costs following the solicitation of bids by the MVDC. This work will be completed by a subcontractor to the MVDC/PLA project team. Modification to the existing design plans as well as existing permits from the Medford Conservation Commission and the Army Corps of Engineers will be required. In addition, this work will also be completed under a RAM Plan in accordance with the MCP and as such, the RAM Plan required for the MassDOT replication program will be expanded to include the proposed expanded replication/bank stabilization areas. It is estimated that for the design/permit task will take 30-60 days to complete, subject to final agreements between MassDOT and PLA for the Route 16 compensatory mitigation project. The design component of this task will be funded by the Grant, up to the amount of \$2,500 and all of the permitting work will be funded by the Project Applicant. The following is a summary of estimated Design/Permitting sub-task costs.

<i>Task</i>	<i>Task Description</i>	<i>Estimated Total Cost</i>	<i>Estimated Grant Funds</i>
2.1	Update existing design plans	\$2,500	\$2,500
2.2	Request a modification to OCC	as required	\$0
2.3	Request a modification to ACOE permit	as required	\$0
2.4	MCP compliance requirements	\$9,000	\$0

Task 3 Construction/Implementation

Task 3 will generally involve the construction of the permitted wetlands replication/bank stabilization project. This work will be done in conjunction with the larger MassDOT replication work, which is expected to take 30-60 days to complete. The actual labor, equipment and materials cost for this task will be completed using Grant funds, while project management oversight and MCP compliance activities will be funded by the MVDC/PLA project team. The following is a summary of estimated Construction/Installation sub-task costs.

<i>Task</i>	<i>Task Description</i>	<i>Estimated Total Cost</i>	<i>Estimated Grant Funds</i>
3.1	Replication of 1,220 s.f. of wetlands	\$12,500	\$12,500
3.2	Stabilization of 1,192 s.f. of bank	\$3,505	\$3,505
3.3	Construction Management	as required	\$0

Task 4 Final Report

Upon completion of the wetland replication and bank stabilization work, a summary report will be prepared by the Project Applicant documenting the work completed. The report will be submitted to the MassDEP Program Manager in draft form for review prior to finalizing. A draft report will be provided within 30 days of project completion. Grant funds will not be utilized for this task as it will be funded directly by the MVDC/PLA project team. The following is a summary of estimated costs for the completion of this task.

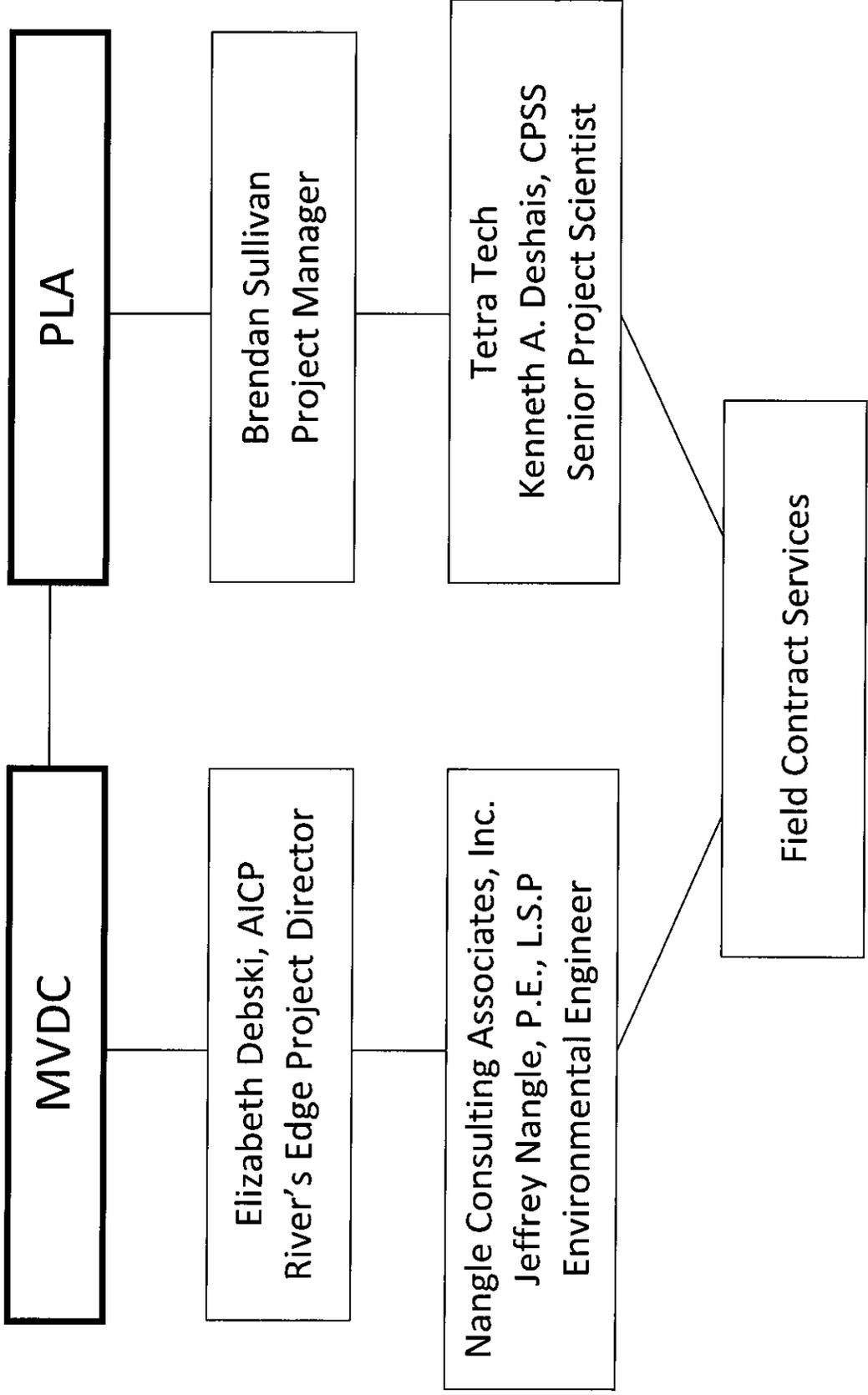
<i>Task</i>	<i>Task Description</i>	<i>Estimated Total Cost</i>	<i>Estimated Grant Funds</i>
4.1	Draft report preparation	\$2,500	\$0
4.2	Final Report Preparation and Distribution	\$500	\$0

Project Budget Summary Form

Task Description	Proposed Cost	Other Contributions Cash or in-Kind (Committed)	Other Contributions Cash or in-Kind (Not-Committed)	Total Cost
TASK 1 – Project Management				
a. Labor		\$2,750		\$2,750
b. Contracted Services				
c. Materials, Equipment and Supplies				
d. Travel				
e. Other				
Subtotal Task 1		\$2,750		\$2,750
TASK 2 – Permitting/Design				
a. Labor				
b. Contracted Services	\$2,500	* as required		\$2,500*
c. Materials, Equipment and Supplies				
d. Travel				
e. Other MCP compliance		\$9,000		\$9,000
Subtotal Task 2	\$2,500	\$9,000		\$11,500*
TASK 3 – Construction/Implementation				
a. Labor				
b. Contracted Services	\$16,005	* as required		\$16,005*
c. Materials, Equipment and Supplies				
d. Travel				
e. Other				
Subtotal Task 3	\$16,005			\$16,005*
TASK 4 – Report				
a. Labor		\$3,000		\$3,000
b. Materials, Equipment and Supplies				
c. Other				
Subtotal Task 4		\$3,000		\$3,000
TOTAL (all Tasks)	\$18,505	\$14,750*		\$33,255*

**actual committed funds will be based upon overall requirements to complete the project*

PROJECT TEAM ORGANIZATION CHART



SECTION 3
KEY PERSONNEL RESUMES

PREOTLE, LANE & ASSOCIATES LTD.

200 RIVER'S EDGE DRIVE
MEDFORD, MA 02155

TELEPHONE
(781) 391-8900
(212) 754-3030

FACSIMILE
(781) 391-8901

BRENDAN SULLIVAN has been a key contributor at Preotle, Lane & Associates ("PLA") since joining the firm in 2008.

Among his many accomplishments has been oversight of the site design and construction of River's Edge, the successful 30 acre riverfront, mixed-use project in Medford, MA.

Mr. Sullivan has been responsible for many facets of this brownfield development, including the creation of 1½ acres of bordering vegetated wetlands, design and construction of the award-winning 10 acre public park, site remediation for the entire 30 acre parcel, demolition of several abandoned buildings, installation of the project utility infrastructure, and the construction of site improvements for the Tufts University Boat House, which was then constructed in the park.

Mr. Sullivan has also completed Phases 1-3 of the Wellington Greenway, a riverfront path system located in Medford just south of River's Edge. As part of these projects, he has worked closely with numerous governmental agencies and officials.

Prior to joining PLA, Mr. Sullivan was with the engineering firm Tetra Tech for 15 years. At Tetra Tech he played a lead role in the design and construction of many major projects for such clients as EMC, New England Patriots, Home Depot and Lowes.

NANGLE CONSULTING ASSOCIATES, INC.
Environmental Engineering and Land Use Planning

960 Turnpike Street, Canton, Massachusetts 02021

JEFFREY A. NANGLE, P.E., LSP
Principal

EDUCATION

BSE, 1982, Environmental Engineering
University of Central Florida

MSE, 1990, Environmental Engineering
University of Central Florida

**PROFESSIONAL
CERTIFICATION**

Registered Professional Engineer: Commonwealth of Massachusetts
State of New Hampshire
State of Vermont

Licensed Site Professional: Commonwealth of Massachusetts

**PROFESSIONAL
HISTORY**

1989-Present	Nangle Consulting Associates, Inc. Principal
1984-1989	Norwood Engineering Co., Inc. Senior Project Manager

**PROFESSIONAL
EXPERIENCE**

Mr. Nangle is the principal of NCA, an environmental consulting firm offering services in the areas of hydrogeology, hazardous material releases, environmental audits, landfill closures and regulatory compliance measures. Mr. Nangle has conducted several hundred environmental site assessments and, prior to founding NCA, managed the environmental department of the Norwood Engineering Co., Inc.

Previous work experience has also included research for the USEPA involving the quantification and mitigation of hazardous compounds in the work place and open environment. Mr. Nangle is certified in accordance with 29 CFR 1910.120 as an on-site supervisor for activities conducted in hazardous environments and is a Licensed Site Professional. In addition to providing testimony as an expert witness, Mr. Nangle has authored portions of a textbook on pollutant control systems and been a guest lecturer at numerous environmental seminars.

NANGLE CONSULTING ASSOCIATES, INC.
Environmental Engineering and Land Use Planning

960 Turnpike Street, Canton, Massachusetts 02021

JEFFREY A. NANGLE, P.E., LSP

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**SPECIAL
TRAINING**

Modflow for Simulation of Groundwater Flow and Advective Transport; Daniel Schmidt, NGWA, 1992

Fundamentals of Massachusetts Environmental Law Compliance; Government Institutes, Inc., 1991

Advanced Haz Mat Command Emergency Response School; Franklin Environmental Services, 1990

OSHA On-Site Management and Supervision Course; HAZMAT Training, Information and Services, Inc., 1989

OSHA Hazardous Materials Site Worker Annual Recertification; HAZMAT Training, Information and Services, Inc., 1989

**PROFESSIONAL
AFFILIATIONS**

- Air and Waste Management Association
- American Society of Civil Engineers
- Water Environment Federation/New England Water Environment Association
- Ground Water Scientists and Engineers/National Well Water Association
- American Association for the Advancement of Science
- LSP Association

COMMUNITY SERVICE

2004 – Present Budget Committee Member – Town of Salisbury, New Hampshire

1997 – 2002 Steering Committee Member – Vision 2020-Task Force for Regional Growth Strategies.

Town of Bridgewater Planning Board and Board of Selectmen

During this tenure assisted in the implementation of Community Development and Growth Management strategies within a rapidly evolving suburban community which serves as host to Bridgewater State College, the Massachusetts Correctional Institute and the recently constructed station site for the MBTA commuter rail. Served as Chairman of each municipal board during this period of community service.

NANGLE CONSULTING ASSOCIATES, INC.
Environmental Engineering and Land Use Planning

960 Turnpike Street, Canton, Massachusetts 02021

JAMES PHILIP PARKER, L.S.P.

EDUCATION

BS, 1991, Civil Engineering
Northeastern University

**PROFESSIONAL
HISTORY**

1989-Present	Nangle Consulting Associates, Inc.
1989-1990	Camp Dresser & McKee
1987-1989	Norwood Engineering Co., Inc.
1986-1987	Town of Stoughton Engineering Department

**PROFESSIONAL
CERTIFICATION**

Licensed Site Professional Commonwealth of Massachusetts

**PROFESSIONAL
EXPERIENCE**

Mr. Parker's responsibilities at NCA involve the development and implementation of property assessments, including preliminary property surveys, ASTM Phase I site investigations, all phases of assessment under the Massachusetts Contingency Plan (MCP). Mr. Parker is also responsible for the development and coordination of remedial activities, as well as pre- and post-remedial risk characterizations. Integral to these tasks is the direct involvement with clients, contractors, municipalities and the Massachusetts Department of Environmental Protection.

Mr. Parker's previous work experience includes participation in water/wastewater treatment plant projects with the firm of Camp Dresser & McKee. Additionally, Mr. Parker has previously worked for a municipality providing surveying and environmental inspection services. Mr. Parker has participated in Emergency Response training pursuant to SARA Title III/CMR 29-1910 requirements.

NANGLE CONSULTING ASSOCIATES, INC.
Environmental Engineering and Land Use Planning

960 Turnpike Street, Canton, Massachusetts 02021

JAMES P. PARKER, L.S.P.
Page 2

**SPECIAL
TRAINING**

Certified Master Modeler, Detention Pond Systems, Haested Methods,
2004
Safety Systems Emergency Response Schools; Franklin Environmental Ser-
vices, 1990

**PROFESSIONAL
AFFILIATIONS**

American Society of Civil Engineers
Ground Water Scientists and Engineers/National Well Water Association
LSP Association

Mr. Deshais is a Senior Project Scientist with 20 years experience conducting environmental assessments in the eastern United States. As a wetlands specialist, he prepares permits in accordance with local, state and federal regulations, and presents findings to permitting authorities. Mr. Deshais is also responsible for soil and vegetation investigations, construction supervision, erosion and sediment control planning, resource area identification and wildlife habitat evaluations. In addition, he completes investigations and reports for stormwater management, land use/zoning, impact evaluation and mitigation planning projects.

EXPERIENCE

MassDOT Highway Division, Longfellow Bridge Rehabilitation Project, Boston/Cambridge, MA, February 2013 to November 2016 -- Environmental Permitting Lead for the Longfellow Bridge Restoration Design/Build Project. Overseeing compliance with federal, state and local environmental permits, including: Massachusetts Wetlands Protection Act Order of Conditions (OOC) issued by the Boston Conservation Commission; Massachusetts Wetlands Protection Act Superseding Order of Conditions (SOC) issued by the Massachusetts Department of Environmental Protection (MassDEP); United States Army Corps of Engineering Permit; MassDEP's Chapter 91 Licenses for the pedestrian bridge in Boston and stormwater feature in Cambridge; and U.S. Coast Guard permit for work within the navigational channel. Work also included the development of a construction term Stormwater Pollution Prevention Plan (SWPPP) pursuant to the U.S. Environmental Protection Agency's National Pollutant Discharge Elimination System (NPDES) General Permit for Discharges from Construction Activities, and the development of a Water Quality Monitoring Plan for monitoring the pH of the Charles River during masonry work conducted within the splash zone of the bridge piers. Conducting weekly and post-storm inspections of the project area and submitting monthly compliance reports to MassDEP. Providing environmental compliance reviews and sign-offs of project design documents.

Sterling Suffolk Racecourse, LLC, Suffolk Downs MWRA Compliance Sampling, East Boston and Revere, MA, 2012 to Present – Responsible for conducting monthly compliance sampling of process wastewater for a Massachusetts Water Resources Authority Sewer Use Discharge Permit issued to the facility. Sampling includes obtaining manual composite samples for 13 parameters and grab samples for two parameters.

Sterling Suffolk Racecourse, LLC, Stormwater Permitting and Compliance Services, East Boston and Revere, MA, 2008 to Present – Lead Permitting Specialist for obtaining a National Pollutant Discharge Elimination System (NPDES) Individual Permit for stormwater discharges associated with a Concentrated Animal Feeding Operation at Suffolk Downs Racecourse. Responsible for developing a Nutrient Management Plan (Stormwater Pollution Prevention/Management Plan) for the approximately 1,000-horse facility, performing wet and dry weather sampling of eight outfalls, data compilation, and negotiations with the US Environmental Protection Agency (EPA) and the Massachusetts Department of Environmental Protection (DEP).

Sterling Suffolk Racecourse, LLC, Suffolk Downs Stormwater Improvement Project, East Boston and Revere, MA, 2011 to 2012 – Owner's Representative for the construction of the approximately \$3.2 million stormwater improvement project including over 5,000 linear feet of process

Education:

MS, Soil Science, University of Massachusetts, 1995

BS, Environmental Science, University of Massachusetts, 1992

BS, Wildlife Management, University of Massachusetts, 1987

Registrations/Certifications:

Soil Science Society of America
Certified Professional Soil Scientist (CPSS) No. 15285

Society of Soil Scientist of Southern New England
Registered Professional Soil Scientist

Professional Affiliations:

Association of Massachusetts Wetland Scientists

Soil Science Society of America

Society of Wetland Scientists

International Erosion Control Association

Society of Soil Scientists of Southern New England, Special Assistant to the Board (2003-2004); Alternate Board Member (2001-2002)

Town of Grafton, MA, Planning Board (1999)

Town of Monson, MA
Conservation Commission, (1992-1996)

Office:

Framingham, MA

Years of Experience:

20

Years with Tetra Tech:

19

water drains, 15,000 linear feet of storm drain, 4,200 linear feet of force main, a 307,000 cubic foot holding pond, and pump station.

Genzyme Corporation, Draft Environmental Impact Report Framingham Campus Master Plan, Framingham and Southborough, MA, 2011 – Project Scientist responsible for the preparation of a DEIR for Genzyme’s Framingham Campus Master Plan which includes 397,000 square feet of research and development space, 164,000 square feet of manufacturing space, 360,000 square feet of office space, demolition of 186,500 square feet of existing buildings, and 2,390 new parking spaces.

MWRA, Spot Pond Preliminary Design and Owner’s Representative Services, Stoneham, MA, 2010 to Present – As part of the CDM Project Team, assisting with wetlands permitting in support for the design/build of the Spot Pond Storage Facility.

MassDOT Highway Division, I-93 and Route 110/Route 113 Interchange Reconstruction Project, Methuen, MA, 2008 to Present – Wetlands delineation for the widening of I-93 and the construction of a new interchange, six interchange ramps, and improved bike/pedestrian facilities. Project included a variance from Massachusetts Wetlands Regulations for design and construction of a 13-acre wetland mitigation site, and the design of a 7-acre wetland mitigation area to compensate for unavoidable project impacts. The conceptual plan includes one acre of forested wetland habitat, 1.8 acres of shrub wetland habitat, 1.7 acres of emergent wetland habitat, and 500 feet of stream creation.

MassDOT Highway Division, I-95/Whittier Bridge Improvements, Newburyport, Amesbury, Salisbury, MA, 2009 to Present – Supported the EIR for the reconstruction of a 4-mile segment of I-95 and the replacement of Whittier Bridge over the Merrimack River. Whittier Bridge is one of 14 projects selected nationwide by the Obama Administration to be expedited through the permitting and environmental review process. Involved in preparation of MEPA ENF, a combined NEPA EA and a MEPA EIR, and permits, leading to a design/build RFP package. Key issues relating to the joint filings included rare species, wetlands, historic and archaeological resources, and water supply protection. EA/EIR and permit applications were prepared under a tight timeframe to meet the ABP schedule.

Preotle, Lane & Associates, Ltd., River’s Edge Mixed Use Development, Medford, Malden and Everett, MA, 2005 to Present – Provided wetland mitigation design and wetland mitigation post-construction monitoring for the 32-acre River’s Edge mixed-use business park. This regional redevelopment project will include 1.8M-sf of commercial and residential buildings along the Malden River. Phase 1 consists of 220 units of residential housing and 441,600 square feet of new office/research and development space in three buildings on 30 acres. The project created 7.6 acres of public parkland and restored 1.7 acres of wetlands along the Malden River. An Individual Water Quality Certification was obtained from the DEP Wetlands Division for the wetland fill and wetland mitigation plan.

Massachusetts Bay Transportation Authority (MBTA), Greenbush Commuter Rail Design/Build Project, South Shore, MA, 2002 to 2010 – Project Scientist responsible for coordinating environmental permitting and natural resource impact evaluations for the 18.5-mile rail construction project. Provided support to MBTA in acquiring wetland and endangered species permits, and securing NPDES stormwater permits for the design/build. Lead Scientist for impact analysis associated with increasing tidal flushing to the approximately 68-acre Home Meadows complex in Hingham. Provided design and construction supervision of 4.6 acres of freshwater wetland and 6.5 acres of salt marsh creation, and identified adverse effects on aquatic resources including erosion control, sediment retention from surface water, cofferdam installation and removal and dewatering activities. Supervised wetland resource area studies, including removal of wetland soils from areas to be filled, storage of excavate, transportation of soils and plant materials, and planting and monitoring of wetland replication areas. Since permits were obtained prior to final design for this design/build project, also responsible for reviewing the final design and certifying permit compliance. Prepared multiple Stormwater Pollution Prevention Plans (SWPPP), and on a routine basis, provided stormwater pollution prevention training to employees of Cashman/Balfour Beatty (CBB) and associated subcontractors. Oversaw CBB’s implementation of erosion and sediment control throughout the 3.5-year construction period.

Massachusetts Water Resources Authority (MWRA), Blue Hills Covered Storage, Quincy, MA, 1997 to 2010 – Prepared an Expanded Environmental Notification Form and the Single and Final Environmental Impact Reports

outlining the potential impacts of the 20-million gallon storage system in the Blue Hills Reservoir within the Blue Hills Reservation. Responsible for preparing a US Army Corps of Engineers Individual Permit application, DEP Water Quality Certification application, and other applications in accordance with the Massachusetts Wetlands Protection Act, including a Notice of Intent, Request for Superseding Order of Conditions, and Request for Variance. Reviewed contractor's design documents, including the SWPPP for the approximately 18-acre construction site. Also provided expert witness testimony on behalf of the MWRA in defense of a Massachusetts Wetland Protection Act Variance issued by the DEP for the project. Testimony included preparation of pre-filed direct testimony, preparation of written rebuttal to appellant's pre-filed written testimony, and verbal testimony in response to appellant's cross-examination. Testimony focused on wetland resource area identification, impact assessment and mitigation alternatives.

US Department of Justice, Bureau of Prisons, Federal Correctional Institution, Berlin, NH, 2007 to 2009 – As part of the Bell-Heery Joint Venture, Lead Scientist for the design of four wetland restoration areas and four vernal pools to provide mitigation for impacts to wetlands associated with the construction of the correctional facility. Responsible for annual post construction monitoring of the wetland mitigation areas to assess long-term viability and the project's impact to wetlands. The 700-acre site includes a medium security facility, a minimum security camp, a utility/warehouse building complex, a 16-station firing range and training center, a water pump station, a wastewater processing system, a 3,600-foot access road and off-site transportation improvements.

MBTA, Expert Witness Testimony for Land Taking, Norfolk, MA, 2009 – Provided expert witness testimony in Norfolk Superior Court on behalf of the MBTA in defense of a land taking claim. Testimony focused on wetland resource area identification, including degraded/non-degraded riverfront area and maximum buildable area.

New England Patriots, Gillette Stadium and Economic Development Area, Foxborough, MA, 1999 to 2007 – Developed application materials and multiple SWPPPs for the NPDES General Permit for Stormwater Discharges from Construction Activities and implementation of erosion and sediment controls. Lead Scientist responsible for the relocation and day lighting of approximately 1,000 feet of the Neponset River, including characterization of existing conditions and construction supervision. Completed MEPA review and all environmental permitting for the 68,000-seat stadium, and parking and infrastructure improvements to the 300-acre stadium site. Conducted MEPA review using an expanded ENF and single EIR, and received a Phase One Waiver for stadium structure construction.

City of Cambridge, Natural Resource Inventory and Stewardship Plan for Fresh Pond Reservation, Cambridge, MA, 2002 – Provided support for permitting and environmental services associated with a Natural Resource Inventory and Stewardship Plan for the Fresh Pond Reservation in Cambridge. The purpose of the project was to catalogue the natural resources at the reservation, identify issues that are potentially impacting the resources, and provide recommendations for protection or enhancement of the resources. Resources investigated included vegetation cover types, wetlands, streams and shorelines, wildlife and endangered and threatened species.

Southbridge Business Center, Southbridge, MA, 2002 – Served as the permitting lead responsible for the development of permit application materials in compliance with the NPDES Multi-Sector General Permit (MSGP) for stormwater discharges associated with industrial activities. The application and compliance materials addressed site inventory, discharges, pollution prevention measures, sampling, compliance inspections and record keeping requirements for the 14 buildings and 22-outfall site. Sectors addressed in the MSGP application and compliance materials included sectors X (Printing and Publishing), Y (Rubber, Miscellaneous Plastic Products, and Miscellaneous Manufacturing Industries), AA (Fabricated Metal Products), and AC (Electronic, Electrical, Photographic and Optical Goods).

MassDOT Highway Division, Relocation of Route 57, Agawam and Southwick, MA, 1998 to 2000 – Responsible for the technical aspects of wetlands replication and environmental permitting for the relocation of Route 57. This project was to include 2.5 miles of four-lane divided highway, three major bridges, an animal passageway, noise barriers and a diamond ramp. The wetland impacts were to be among the largest proposed in the state.

Connecticut Water Department, Preliminary Screening Report, Water Supply Plan, Bristol, CT, 1999 – Identified potential impacts to the natural and cultural environment associated with four of the Water Department's Water Supply Plan alternatives. The assessment included field inspection and review of existing information. Under

review were wetlands and water quality, floodplain, wildlife, air quality, noise and traffic as well as historic, archaeological and cultural considerations.

Close, Jensen and Miller, PC, Wethersfield, CT, 1998 – Environmental Scientist for evaluation of a proposed truss bridge construction and staging site within the Connecticut River floodplain. Performed an existing data search and wetland resource area investigations.

MassDOT Highway Division, Yearly Operational Plan for Vegetation, MA, 1998 – Environmental Scientist for the preparation of a Yearly Operational Plan for the maintenance and control of vegetation within the Authority's right-of-way. Responsible for the designation of vegetation control methods, design and implementation of flagging methods to designate sensitive areas within the right-of-way, and identification of sensitive areas within the right-of-way.

MassDOT Highway Division, Environmental Impact Report and Permitting, I-93/Route 129 Interchange Project, Wilmington and Reading, MA, 1997 to 1998 – Project Scientist for the Environmental Impact Report and permitting for the I-93/Route 129. This project was proposed to impact over one acre of wetlands and require a variance from the DEP, as well as an Individual Permit from the USACE. Particularly sensitive issues included project's impact on adjacent town water supplies and potential drainage pattern changes to the Ipswich River, which has become stressed from excessive water withdrawal.

Metropolitan District Commission, Wastewater Facility Plan, West Boylston and Holden, MA, 1995 to 1998 – Environmental Scientist responsible for review of the potential adverse and beneficial impacts of the project's approximately 72 miles of sanitary sewer and 23 pumping stations on the watershed of the Wachusett Reservoir. Review and compilation of additional information regarding the alternatives and their proposed impact on secondary growth, traffic and transportation, land use, recreation, and open space. Of particular concern was the protection of the Wachusett Reservoir and its watershed. Preparation of federal, state and local permits.

US Postal Service (USPS), Wetland Restoration Plan, MA, 1997 – Environmental Scientist for the restoration of approximately 15,000 square feet of altered vegetated wetland. Responsible for the characterization of soil and vegetation of the adjacent undisturbed wetland areas and the development of a wetland restoration plan, including specification of soils and vegetation. Supervised the implementation of the restoration plan, including dewatering of soils and vegetation planting.

USPS, Environmental Assessment, Northeast Area, US, 1996 to 1997 – Environmental Scientist for assessment impacts associated with the implementation of alternative fueled vehicles pursuant to the National Environmental Policy Act. Researched and reported on various cost impacts such as conversion, maintenance, operational and infrastructure costs. Reviewed and assessed the feasibility of various alternative technologies including compressed natural gas, liquid petroleum gas, methanol-based fuels, electric technology, and reformulated gasoline fuels. Planned and coordinated task force meetings and document preparation.

MassDOT Highway Division, Brightman Street Bridge Replacement Project, Fall River and Somerset, MA, 1995 to 1997 – Environmental Scientist for environmental permitting for the relocation of the Brightman Street Bridge. Responsible for the review of natural resources within the project area, including soils, vegetation and wildlife. Evaluation of impacts to inland and tidal resources and preparation of permit applications. Responsible for the mitigation design, including site selection based on soil and hydrologic characteristics; and excavation, soil and vegetation specification.

MWRA, Walnut Hill Water Treatment Plant, Marlborough MA, 1994 to 1997 – Environmental Scientist responsible for evaluations of site alternatives for the MWRA's water treatment facility. Conducted soil, vegetation, and resource area investigations for three alternative sites ranging from 120 to 235 acres. This project included a natural resource impact evaluation of the proposed 60-acre facility in addition to an approximately 12-mile sewer easement. In addition, prepared permits for geotechnical borings and construction of the sewer line. Included in the permitting process was the development of a SWPPP and mitigation plans for the proposed impacts to Class A waters.

MBTA, Compliance Analysis, Boston, MA, 1996 – Environmental Scientist for the evaluation and cost of compliance analysis of biodiesel fuel for buses to meet the requirements of 40 CFR 85.1403. Responsibilities

included project coordination, research, development of alternatives, review of sub-consultant materials, and report writing/compilation.

MADEP, Vegetated Wetlands Delineation Workshop, East Hampton, MA, 1996 – Instructed on the interpretation, discussion and presentation of the revised (June 1995) state methodology for delineating bordering vegetated wetlands. Specific discussions included review of criteria to be used for the delineation and the characterization of vegetative, soil, and hydrologic indicators of wetlands.

City of Fall River, Combined Sewer Overflow Project, Fall River, MA, 1996 – Environmental Scientist for the development of a wetland restoration plan associated with the Combined Sewer Overflow project. Responsibilities included an impact evaluation, specification of soil and vegetation, construction procedures, an erosion and sediment control plan, and scheduling for the mitigation of this 0.5-acre project.

MassDOT Highway Division (formerly Massachusetts Turnpike Authority), Environmental Permitting, Brimfield, MA, 1996 – Environmental Scientist for the permitting of a maintenance vehicle ramp. Conducted impact evaluation, wetland mitigation planning, permitting process, and regulatory coordination.

Corporate Property Investors, South Shore Plaza Expansion, Braintree, MA, 1995 to 1996 – Environmental Scientist for the permitting associated with a retail development and its approximately 1.52-acre impact to federal jurisdictional wetlands. Responsible for an impact evaluation, according to the US Army Corps of Engineers New England Division's Highway Methodology Workbook Supplement (1995). Developed a wetland mitigation plan consisting of construction sequencing and timing, erosion and sediment control, mitigation area siting, recommended vegetation and soil materials.

USPS, Environmental Assessment, MA, CT, and NY, 1994 to 1996 – Environmental Scientist for the siting of several new postal facilities. Responsibilities included resource area identification, impact evaluation, mitigation planning, hazardous waste site assessments, and report preparation.

Massachusetts Port Authority, Biological Assessment, Shawsheen River, Hanscom Air Force Base, Bedford, MA, 1995 – Environmental Scientist for the biological assessment of approximately one-half mile of the Shawsheen River. This assessment was conducted following methods outlined in the US Environmental Protection Agency's Rapid Bioassessment Protocol I – Benthic Macro Invertebrates, performed to evaluate the apparent health of the ecosystem. The assessment included the characterization of river substrate and banks, aquatic and terrestrial vegetation, water quality, aquatic macro invertebrate populations, and habitat use by other wildlife species.

MassDOT Highway Division, I-90/I-495 Interchange Improvements, MA, 1995 – Environmental Scientist responsible for construction supervision of this interchange improvement project. Supervised an erosion and sediment control plan adjacent to a designated Massachusetts Area of Critical Environmental Concern.

New England Regional Soils Monitoring Project, MA, 1992 to 1995 – Soil Scientist responsible for site selection of experimental plot locations, involving the identification of soil drainage classes, parent material, and associated landforms. Produced detailed standard Natural Resource Conservation Service (NRCS) soil descriptions. Collected and analyzed soil samples according to standard NRCS procedures. Measured and interpreted in situ soil parameters such as redox potential, matric potential, temperature, groundwater level, and groundwater iron content. Described and documented vegetation characteristics according to methods stated in the Federal Manual for Identifying and Delineating Jurisdictional Wetlands.

Massachusetts Title 5 Site Evaluators Training Course, MA, 1993 – Soil Scientist responsible for the discussion and interpretation of morphological and physical properties of soils and their relation to the effectiveness of on-site sewage disposal systems.

MBTA, Vegetation Management Plan and Yearly Operational Plan, MA, 1992 – Environmental Scientist for the Vegetation Management Plan (VMP) and Yearly Operational Plan (YOP). VMP responsibilities included the designation of methods and rationale for the control of vegetation, development of operational guidelines for applicators relative to herbicide use, development of a remedial plan to address spills and related accidents, and the development of an integrated pest management program. YOP responsibilities included the designation of vegetation control techniques, identification of target vegetation, development of flagging methods to indicate



sensitive areas within the right-of-way, and procedures and locations for handling, mixing, and loading of herbicides, and oversight of herbicide applications.

Metropolitan District Commission, Belchertown, MA, 1986 – Assistant Wildlife Biologist whose responsibilities consisted of wildlife management practices, habitat classification mapping. Controlled nuisance wildlife, such as beaver and deer. Performed small mammal census and avian surveys as well as analysis of forest cutting damage.

Student Conservation Association at Moosehorn Wildlife Refuge, Baring, ME, 1985 – Performed wildlife management practices including restoration of broken forest structure and maintenance of migratory waterfowl impoundments. Invoked capture, banding, and telemetry of woodcock. Conducted rehabilitation of injured birds and supervised Youth Conservation Corps workers.

SECTION 4

**COPY OF LETTER(S) OF COMMITMENT
FROM PROJECT PARTNERS**

PREOTLE, LANE & ASSOCIATES LTD.

200 RIVER'S EDGE DRIVE
MEDFORD, MA 02155

TELEPHONE
(781) 391-8900
(212) 754-3030

FACSIMILE
(781) 391-8901

March 12, 2014

Karen Pelto
NRD Program Coordinator
Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup
One Winter Street, 6th Floor
Boston, MA 02108

Re: Support for MVDC Grant Application
Program: Natural Resources Damage Assessment and Restoration Program
Grant Announcement and Application Lower Mystic River Watershed\
Restoration (Chelsea and Mill Creek, Malden and Lower Mystic Rivers)
Doc.No. BWSC-2014-NRD-01

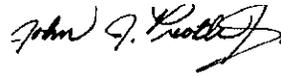
Dear Ms. Pelto:

We are the developers of River's Edge, the 30-acre mixed-use development which currently includes residential, office, a 10-acre public park and the Tufts Boat House in Medford along the Malden River. We enthusiastically support the Mystic Valley Development Commission's ("MVDC") application for the grant noted above. The proposed scope of work will be in keeping with what we and various local, state and federal agencies have done and will continue to do to revitalize the area and will further enhance the use and enjoyment by the public by providing connectivity of degraded resource areas between the limits of prior mitigation measures that have been performed at River's Edge and Little Creek and an area of proposed wetland replication that is to be completed by the Department of Transportation as a component of the Route 16 Woods Memorial Bridge reconstruction project.

We have agreed to provide certain funds and services to aid in the completion of the MVDC Project.

Attached is a copy of the letter from us to the MVDC granting that entity permission to access River's Edge for the duration of the project.

Very truly yours,

A handwritten signature in black ink, appearing to read "John J. Preotle, Jr.", written in a cursive style.

John J. Preotle., Jr.

Tri-CAP

TRI-CITY COMMUNITY ACTION PROGRAM, INC.

Working with Malden, Medford, Everett and Surrounding Massachusetts Communities

110 Pleasant Street, Malden, MA 02148

Improving lives. Creating opportunity.

Board of Directors

OFFICERS

Gabriella Stelmack,
President

D. Matthew Dugan
Vice President

Charles Harak,
Treasurer

Curtis Withers
Clerk

Karen Pelto
NRD Program Coordinator
Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup
One Winter Street, 6th Floor
Boston, MA 02108

March 13, 2014

RE: MVDC Application for funds to restore portions of the Mystic and Malden Rivers

Dear Ms. Pelto:

Tri-City Community Action Program (Tri-CAP), the antipoverty agency serving the communities of Malden, Everett and Medford since 1978, strongly supports the proposal submitted by the Mystic Valley Development Commission (MVDC) to continue with bank and wetland restoration improvements at the confluence of the Malden River and Little Creek. The proposed work to connect and remediate areas along the Mystic and Malden Rivers are consistent with the desires of the Friends of the Malden River and the environmental justice work undertaken by Tri-CAP for the past five years. The restoration of the Malden River as a community amenity available to all residents is front and center of our hopes and aspirations. Having a River that serves as a natural habitat for indigenous plants, fish and water life, as well as, birds and shore life continues the work of the MVDC and many community groups to make the Malden River more attractive and a recreational and community destination.

Tri-CAP believes that funds to the Mystic Valley Development Commission from the grant program entitled Natural Resource Damages Assessment and Restoration Program, Grant Announcement and Application Lower Mystic River Watershed Restoration (Chelsea and Mill Creek, Malden and Lower Mystic Rivers) would be of benefit to the entire Mystic Watershed area and in particular to EJ communities. Tri-CAP looks forward to the completion of the worked proposed by the MVDC.

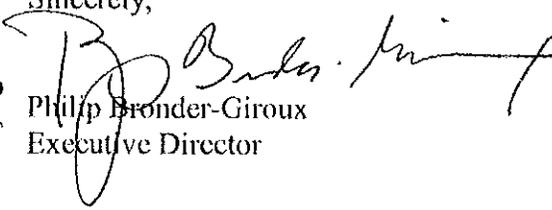
Philip Bronder-Giroux
Executive Director

A Non-Profit Organization

Affirmative Action-
Equal Opportunity Employer

Member:
Malden, Medford, & Everett
Chamber of Commerce

Sincerely,


Philip Bronder-Giroux
Executive Director



781-322-4125 - Homeless Services, Housing Services, Pro Bono Legal Services, Benefits Services

781-322-6284 - Fuel Assistance, Weatherization (Energy Conservation), Burner service/repair

781-397-8071 - Head Start, Day Care, Summer Meals Program



March 14, 2014

Karen Pelto
NRD Program Coordinator
Massachusetts Department of Environmental Protection
Bureau of Waste Site Cleanup
One Winter Street, 6th Floor
Boston, MA 02108
RE: Lower Mystic River Watershed Restoration (Chelsea and Mill Creek, Malden and Lower Mystic Rivers)
Doc. No. BWSC-2014-NRD-01

Dear Ms. Pelto,

The Mystic River Watershed Association is a 501(c)(3) nonprofit organization founded in 1972 by a group of concerned citizens. MyRWA's mission is to protect and restore clean water and related natural resources in the basin's 22 communities and to promote responsible stewardship of our natural resources through educational initiatives. A small organization, MyRWA accomplishes its mission by forging links with citizens' groups, universities, businesses and government agencies. This collaborative approach has created a strong watershed voice and is helping to attract much-needed public and private resources to the Mystic. Over the course of its 40 year history the Watershed Association has helped promote and execute significant improvement in Mystic River water quality and the health of its natural environment.

As an environmental organization with particular focus on the Mystic River watershed we are pleased to register our strong support for the proposal submitted by the Mystic Valley Development Commission (MVDC) to continue with bank and wetland restoration improvements at the confluence of the Malden River and Little Creek. The proposed work will amplify the good work already accomplished along the Malden River and its waterfront and is consistent with the intentions and aspirations of residents, community groups and local environmental activists.

The proposed MVDV project will support wildlife and aquatic life, will promote improved water quality and will assist efforts to make this important natural resource an uncompromised destination for recreational use and community engagement. Support for this project is an excellent use of funds available through the Natural Resource Damages Assessment and Restoration Program.

Sincerely,

EkOngKar Singh Khalsa
Executive Director

Serving Twenty-Two Communities

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Melrose Reading Revere Somerville Stoneham Wakefield Watertown Wilmington Winchester Winthrop Woburn*

20 Academy Street, Suite 306 • Arlington, MA • 02476-6401 • (781) 316-3438 • www.MysticRiver.org

SECTION 5

COPY OF LETTER(S) OF CONFIRMING SITE ACCESS

PREOTLE, LANE & ASSOCIATES LTD.

200 RIVER'S EDGE DRIVE
MEDFORD, MA 02155

TELEPHONE
(781) 391-8900
(212) 754-3030

FACSIMILE
(781) 391-8901

March 12, 2014

Ms. Beth Debski
River's Edge Project Director
Mystic Valley Development Commission
Malden Redevelopment Authority
200 Pleasant Street
Malden, MA 02148

Re: Natural Resources Damage Assessment and Restoration Program
Grant Announcement and Application Lower Mystic River Watershed
Restoration (Chelsea and Mill Creek, Malden and Lower Mystic Rivers)
Doc.No. BWSC-2014-NRD-01

Dear Beth:

As owners and developers of River's Edge, we hereby give the Mystic Valley Development Commission permission to access our property where the work on the project noted above is to occur for the purpose of planning, designing, supervising or constructing the project.

Very truly yours,



John J. Preotle, Jr.

SECTION 6

CONFLICT OF INTEREST CERTIFICATION STATEMENT

(GRANT ANNOUNCEMENT ATTACHMENT D)

ATTACHMENT D

Conflict of Interest Guidance and Disclosure Statement Form

Mystic River Watershed Restoration

Chelsea and Mill Creek, Malden and Lower Mystic Watersheds

Solicitation/Contract No.: BWSC-2014-NRD-01

Applicant/Grantee Name: Mystic Valley Development Commission

I, Elizabeth Debski, as the authorized representative and a signatory for the Applicant/Grantee, hereby affirm that, to the best of the Applicant's/Grantees' knowledge and belief, the Applicant/Grantee warrants that there are no relevant facts or circumstances which could give rise to an actual, potential, or an appearance of a conflict of interest for this project as defined in the Grant Announcement and its Attachments, or that the Applicant/Grantee has disclosed, in writing, all such relevant information to the MassDEP NRD Program Manager and Contract Administrator.

The Applicant/Grantee agrees that if an actual, apparent or potential conflict of interest is discovered at any time after award, whether before or during performance, the Applicant/Grantee will immediately make a full disclosure in writing to the MassDEP NRD Program Manager and Contract Administrator. This disclosure shall include a description of actions which the Contractor has taken or proposes to take to avoid, mitigate, or minimize the actual, potential or appearance of a conflict of interest.

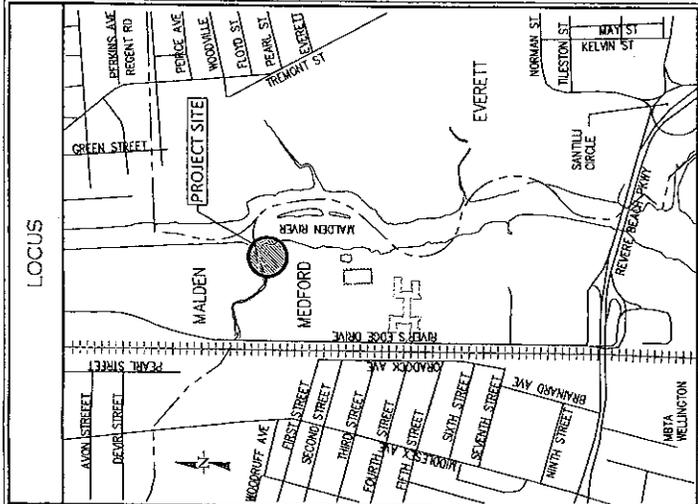
The Applicant/Grantee agrees that the conflict of interest terms and conditions defined in the Grant Award Contract will also apply to any and all subcontractors and/or consultants that may be selected and used on this Contract. Further, the Applicant/Grantee agrees that a COI Statement will be submitted, or a disclosure will be made, when and if new subcontractors, new consultants or new members are added to the key personnel for this contract.

Signed:  Date: 3-11-2014

Printed or Typed Name of Signatory: Elizabeth Debski, AICP

Title of Signatory: River's Edge Project Director

Applicant/Grantee Name: Mystic Valley Development Commission



LOCUS

**SKETCH PLAN OF SITE
PHASE I - RIVERS EDGE
WETLAND COMPENSATION
AREA**

**WETLAND COMPENSATION
AREA**

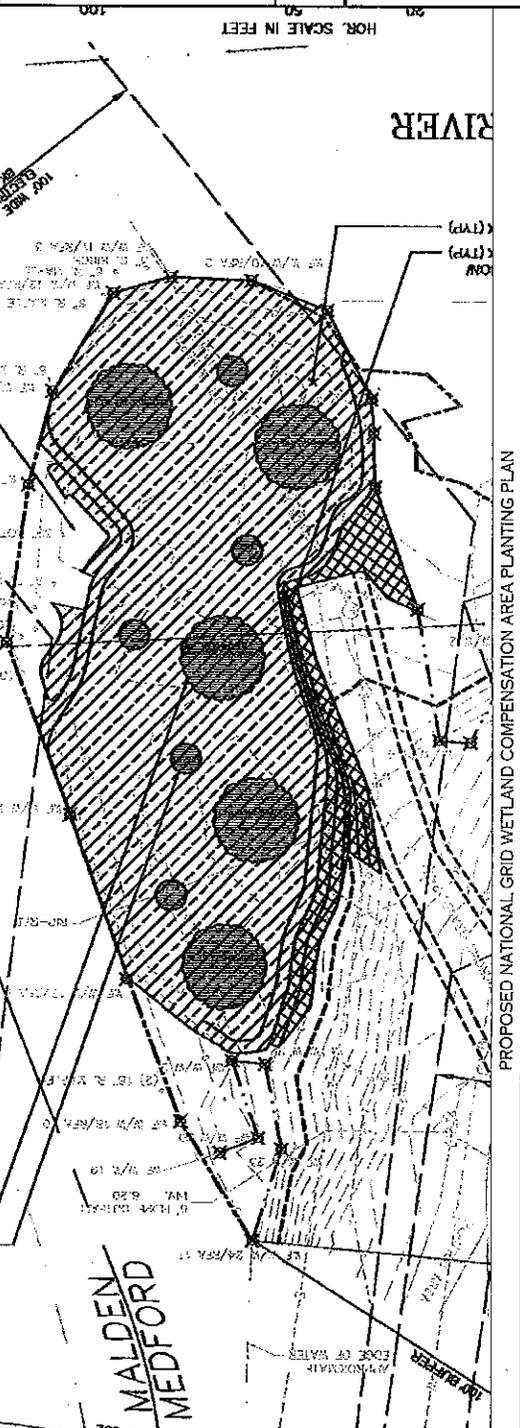
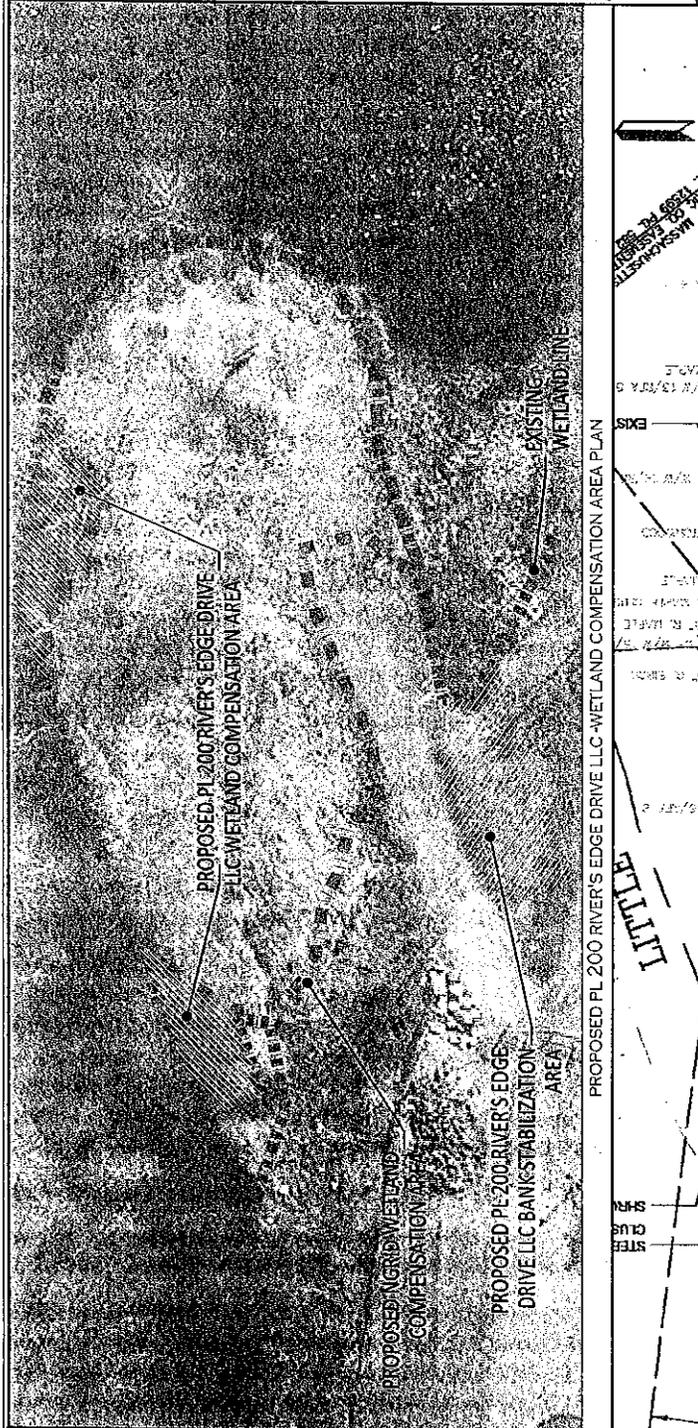
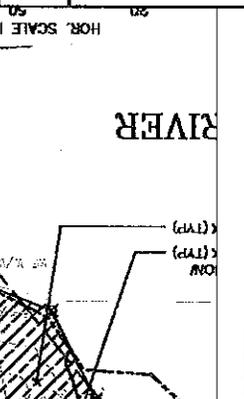
DATE: MAR 2014
JOB NO: 86.01

Figure
1

NANGLE CONSULTING ASSOCIATES, INC.
Environmental Engineering and Land Use Planning
969 Turnpike Street, Canton, Massachusetts 02021

NOTES

REFERENCE:
2008 Aerial Photograph from
Census Bureau
Project NCR90 Wetland Area
from FSKI Draft Plan dated
2-21-2013.



PROPOSED NATIONAL GRID WETLAND COMPENSATION AREA PLANTING PLAN