

RFR DFW-2015-024: Biodiversity Initiative SCOPE OF SERVICES for Brush Mowing and Wetland Restoration on the Montague Plains Wildlife Management Area



Summary

The Massachusetts Division of Fisheries & Wildlife (DFW) is soliciting bids to conduct important habitat restoration work on approximately 287 acres at the Montague Plains Wildlife Management Area in Montague, Massachusetts. Treatments to be conducted will include brush mowing as well as limited stream restoration work (Table 1).

The principal habitat objectives of this project are to maintain existing scrub oak shrubland and pitch pine – scrub oak community; to convert closed canopy pitch pine – oak forest to pitch pine – oak woodland and pitch pine – scrub oak community; and to maintain or expand small areas of sandplain grassland and sandplain heathland. Although prescribed fire is the preferred management tool for maintaining these habitats, it is best applied within 2-3 years of initial mowing. Given that 6-9 years has now passed since initial mowing, fuel loads and shrub heights are too high for burning, and need to be reduced mechanically.

Additional habitat objectives include the restoration of turtle nesting habitat following harvesting and the restoration of Wills Hill Brook to its original wetlands channel and repair of stream damage by illegal OHV traffic.

Contractors may bid on any or all treatments (see Mandatory bid sheets). DFW anticipates awarding multiple contracts for the work described in this Request for Response. Contracts will be awarded to the lowest responsible and eligible bidder for each treatment described on the mandatory bid sheet. The term "lowest responsible and eligible bidder" shall mean (1) the Bidder whose Bid is the lowest of those Bidders demonstrably possessing the skill, ability, and integrity necessary for the faithful performance of the work, and who meets the requirements set forth in M.G.L. c.149 sec.44 (2)(B) and not debarred from bidding under M.G.L. c.149 §44C; (2) and who shall certify that they are able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the work; and (3) who shall certify that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least 10 hours in duration at the time the employee begins work, and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee.

DFW reserves the right to waive any informalities in, or to reject any or all Bids, if it be in the public interest to do so.

Timeline, Permitting, Funding, & Bonding

Timeline

Contractor shall complete all work according to the timelines outlined in Table 2, unless otherwise specified in writing. At sites with NHESP timing restrictions listed in table 2, the Contractor shall complete work outside of these restricted periods and/or shall coordinate with DFW so that adequate monitoring for species of concern may be provided.

Permitting

Approved environmental permits for this work have been secured by DFW

Funding

Funding has been identified for this project.

Bonding

Contractor shall submit bonds from a surety company qualified to do business under the laws of the Commonwealth. Each bidder shall provide a **bid deposit** in the amount of **5%** of the **total bid price**, to be submitted with the bid.

In addition, the winning bidder(s) shall submit: 1) a payment bond in the amount of 50% of the total contract price within ten days of contract award; and 2) a performance bond in the amount of 10% of the total contract price prior to the start of work.

Treatment Types

DFW has estimated treatment size (acres/linear feet, square feet, cubic yard) by treatment type (Table 1) and treatment unit (Table 2). **Contractors may bid on any or all treatments (see Mandatory Bid Sheet). DFW will evaluate bids relative to available funding and will award contract(s) accordingly. All acreages were calculated in GIS and are approximate. Selected contractors are responsible for treating the entirety of the treatment areas as depicted in the accompanying figures and as marked on the ground regardless of the precise acreages. Bidders are responsible for verifying acreages prior to submitting bids.**

NOTE: If current funding in FY2015 is insufficient to complete the entire project, DFW reserves the right to complete the remaining work in FY2016 pending availability of additional funds. In this event, DFW will work with the Contractor(s) to determine the actual project area to be completed during FY2015 on a pro-rated basis from the bid amount.

Table 1. Estimated size by Treatment Type

Treatment	Treatment Units	Estimated Size	Metric
1. Brush Mowing & Mulching of 6-9 yr re-growth	M-8 and M-9	78	Acres
2. Brush Mowing & Mulching, immediately after tree cutting	M-1 to M-7	209	Acres
3. Brush Mowing & Mulching of Fuel Breaks	TBD	5,000	Linear Feet
4. Wood Waste (Chip and Slash) Removal	L-6	200	Cubic Yards
5. Wetland and Stream Restoration	W-10	1500	Square Feet

Table 2. Montague Plains WMA Mowing/mulching Treatment Units

Treatment Unit	Ac	Habitat Objective	Current Condition	Contractor Tasks	Timing Restrictions
M-1	25.5	Pitch Pine - Scrub Oak Community. Shrubland beneath open canopy pitch pine & tree oak. Maintained on a 3-7 year interval with mowing or burning.	Closed canopy forest composed of pitch pine, white pine, and scattered tree oaks over patches of scrub oak and other native shrubs.	Mowing/mulching of trees & shrubs less than 4" in diameter in area of recent timber harvest.	Contractor tasks can begin as soon as a Notice to Proceed is issued and shall be completed by June 30, 2015.
M-2	62.7	Same as Unit M-1.	Same as Unit M-1.	Same as Unit M-1.	Same as unit M-1.
M-3	42.4	Same as Unit M-1.	Same as Unit M-1.	Same as Unit M-1.	Timber harvest will be completed by June 15, 2015 at the latest. Contractor tasks can begin upon timber harvest completion and issuance of a Notice to Proceed. All tasks shall be completed by June 30, 2015.
M-4	48.6	Same as Unit M-1.	Same as Unit M-1.	Same as Unit M-1.	Same as unit M-3.
M-5	6.5	Same as Unit M-1.	Same as Unit M-1.	Same as Unit M-1.	Operate only with DFW provided turtle sweeps between May 15 – Jul 15. Timber harvest will be completed by June 15, 2015 at the latest. Contractor tasks can begin upon timber harvest completion and issuance of a Notice to Proceed. All tasks shall be completed by June 30, 2015.
M-6	14.1	Same as Unit M-1.	Same as Unit M-1.	Same as Unit M-1.	Operate only Nov 1 – Apr 30. Contractor tasks can begin as soon as a Notice to Proceed is issued. All tasks shall be completed by April 30, 2015 .
M-7	9.6	Same as Unit M-1.	Same as Unit M-1, but includes areas with aspen and other hardwoods.	Same as Unit M-1.	Operate only November 1 – April 30 and May 15 – June 30. Timber harvest will be completed by June 15, 2015 at the latest. Contractor tasks can begin upon timber harvest completion and issuance of a Notice to Proceed. All tasks shall be completed by June 30, 2015.
M-8	55.6	Same as Unit M-1.	Regenerating 4-10' tall tree oak, scrub oak, pitch pine, and birch beneath open canopy (20-30% canopy cover) of tree oak and pitch pine.	Mowing/mulching of trees & shrubs less than 4" in diameter.	Work to begin when snow depth permits. All work shall be completed by June 30, 2015.
M-9	22.6	Same as Unit M-1.	Same as Unit M-8.	Same as Unit M-8.	Same as Unit M-8.

L-6	0.5	Turtle nesting habitat	Log landing in powerline clearing.	Remove and transport wood waste (chips and slash) to expose sand.	Operate only Nov 1 – Apr 30. Timber harvest will be complete by April 15, 2015 at the latest. Contractor tasks can begin upon timber harvest completion and issuance of a Notice to Proceed. All tasks shall be completed by April 30, 2015 .
W-10	0.2	Functioning wetland with intermittent stream draining into sandplain.	Degraded OHV trail with altered stream channel and diminished wetland function.	Open blocked stream channel, simple grading 28 yard by 5 yd, install berm across ditch.	Work shall be completed in accordance with all restrictions in Order of Conditions from Montague Conservation Commission. All work shall be completed by June 30, 2015.

Treatment Specifications and Timing

Contracted work **MUST** be completed within fiscal year 2015 (all work completed no later than 6/30/15) if sufficient funding is available. If current funding in FY2015 is insufficient to complete the entire project in FY2015, DFW reserves the right to complete the remaining work in FY2016 pending availability of additional funds. Prior to any work beginning on any site, Contractors will be required to submit a performance bond in the amount of 10% of the contracted price **per site**.

Brush Mowing & Mulching of 6-9 year re-growth

Contractor shall mow/mulch in place all tree and shrub stems less than 4” DBH (Diameter at Breast Height) within units M8 and M9 (Table 2) that are not marked or otherwise identified for retention. Contractor shall mow stems to within 2” of the ground, or, if mowed/mulched stems originate from existing tree stumps, to within 2” or less of the height of the existing stump.

Brush Mowing & Mulching, immediately after tree cutting

Contractor shall mow/mulch in place all tree and shrub stems less than 4” DBH within units M1-M7 (Table 2) that are not marked or otherwise identified for retention. Contractor shall mow stems to within 2” of the ground, or, if mowed/mulched stems originate from existing tree stumps, to within 2” or less of the height of the existing stump.

Outside of the scope of this project, DFW is conducting a sale of forest products (CV-MP-TS4) on units M1-M7. Operations in units M5-M7 also have time of year restrictions due to rare species habitat. The work schedule for the CV-MP-TS4 sale of forest products includes staggered completion dates to allow time for the brush mowing and mulching in this contract to be completed prior to June 30, 2015, while operating within the NHESP restrictions (Table 2). Contractor for operations in units M1-M7 shall coordinate with DFW and with the CV-MP-TS4 timber harvester on scheduling operations in units M1-M7.

Brush Mowing & Mulching of Fuel Breaks

Contractor shall establish approximately 5,000 linear feet of fuel breaks 12 feet wide in locations to be determined and marked by DFW. These fuel breaks will be within areas containing shrubs and saplings 2’ to 10’ in height and less than 4” DBH. To create these fuel breaks, Contractor shall mow/mulch in place all tree and shrub stems less than 4” DBH as close to the ground as possible, but always within 2” of the ground.

Wood Waste (Chip and Slash) Removal

Contractor shall remove wood waste (chips and slash) to expose sand/mineral soil to the satisfaction of DFW at one or more timber sale landing locations with an estimated depth of material to be removed of approximately 1 foot. Removal of some sand/mineral soil along with wood waste is acceptable. Contractor shall truck material removed approximately ¼ mile along a sand access road and deposit said material in an erosion gully on-site as directed by DFW.

Wetland and Stream Restoration

Contractor shall restore a short section of the intermittent Will's Hill Brook and adjacent wetland under an Order of Conditions from Town of Montague Conservation Commission. Restoration includes redirecting the brook into its original channel and associated wetland. Contractor shall use local borrow materials from upland portions of disturbed areas on-site to grade a section of degraded roadway and ford approximately 28 yards long, 5 yards wide, and 1.5 yards high (total volume 210 cubic yards) to restore the original streambed, banks, and topography as indicated in the attached draft Notice of Intent and the final Order of Conditions. Tasks include hand work to remove brush from 100' of currently dry streambed, grade left side sloping away from stream, close right channel to divert water into dry streambed and into wetland, grade right side sloping away from stream (this will also block an existing ditch), and install a secondary berm (approximately 3' high and 15' long) across the ditch.

General Specifications for all Treatments

1. Operational requirements
 - a. All work shall only occur within applicable time restrictions (see table 2). The specific timing of the operation shall be arranged between the Contractor and DFW.
 - b. The Contractor shall, to the satisfaction of DFW staff, remove or otherwise dispose of all garbage, trash, litter, discarded equipment or parts, temporary bridges, waste materials or other refuse resulting from the operation. Waste materials such as oil, grease, used oil absorbent pads, and similar materials shall be disposed of in accordance with law, and at a minimum, in a manner that will prevent their entry by spills, drainage, high water or other means into any river, watercourse, lake, reservoir or other body of water.
 - c. For work contracted under the restriction that DFW turtle sweeps are required, the contractor will operate in coordination with DFW-provided monitors. As needed, monitors will sweep work areas for turtles within 24 hours in advance of work occurring in a given area. Although DFW monitors are not expected to impede work, contractor may have to temporarily cease operations in the event that monitoring is not completed.
 - d. **STORAGE AND HANDLING OF HAZARDOUS MATERIALS:** All petroleum products, industrial chemicals and similar materials shall be stored in accordance with manufacturer's specifications and applicable law, and at a minimum in durable, sealed containers placed so that any accidental spillage shall not drain into any river, watercourse, lake, or reservoir, No hazardous materials, including but not limited to oils, fuels, and hydraulic fluids may be deposited on Commonwealth lands. All mechanized equipment shall carry oil-absorbent pads at all times, quality subject to

the approval of DFW staff, to be used respectively in the event of a fluid spill. In the event that hazardous materials are deposited on Commonwealth lands through accidental spill or otherwise, the Contractor agrees to immediately contain the spill using oil-absorbent pads and to notify DFW staff as soon as possible regarding the type, amount, and location of deposited materials. The Contractor shall be liable for all costs incurred resulting from the cleanup of all spills and leaks, and shall correct the situation to the satisfaction of DFW staff, including but not limited to the removal and appropriate disposal of contaminated soil based on DFW staff determination.

- e. **SAFETY AND HEALTH:** The Contractor shall conduct all operations in connection with this contract in compliance with applicable provisions of Federal, State and Local labor safety, health and sanitation laws, codes, and regulations.
- f. **ENVIRONMENTAL CONTROL:** The Contractor shall comply with all applicable state and federal laws pertaining to water quality in connection with any operations under this contract. The Contractor shall undertake every reasonable precaution not to pollute or obstruct the flow of any stream, lake, or reservoir on or adjacent to the sale area. In the event of such pollution or obstruction, the Contractor shall correct the condition to the satisfaction of DFW staff. The Contractor shall undertake every reasonable measure to minimize erosion and soil damage, including but not limited to the grading of ruts and the construction and maintenance of water bars, and shall install all mitigation measures according to the most recent version of the Massachusetts Forestry Best Management Practices Manual. All mechanized equipment shall carry a working fire extinguisher at all times to be used in the event of a fire.
- g. **SPECIAL SITUATIONS:** Should a situation exist that would in the opinion of the DFW staff result in unacceptable environmental damage and the Contractor is either unwilling or unable to prevent or immediately repair or remove such damage, or to do so in a timely fashion to the satisfaction of DFW staff after being verbally notified of said situation by DFW staff, the Division may undertake corrective measures and deduct the cost of said measures from the performance bond covering this operation (see General Specification 2 (Contract Requirements) g., below), and may pursue its remedies against the Contractor for any loss, claim, damage or charge that arises due to such damage.
- h. **HISTORICAL/CULTURAL RESOURCES:** DFW seeks to conserve historical and cultural resources during habitat management operations, including but not limited to stone walls, cellar holes, foundations, and wells associated with abandoned farm sites, as well as historical and cultural resources that may occur within the soil. Contractor shall avoid or otherwise mitigate these resources during the harvesting operation to the satisfaction of DFW staff. Only existing barways (openings) in stone walls may be used to transport wood products by forwarder or skidder, unless DFW staff specifically identifies a new opening to be created. If DFW staff identifies a site as having archaeological sensitivity, Contractor shall avoid rutting, scarifying, and other soil disruption to the site by operating only under dry, frozen, or otherwise stable conditions.

2. Contract Requirements

- a. Projects included in this RFR are subject to Massachusetts prevailing wage rates. Prevailing wage rate schedules are included in this RFR and should be taken into account when submitting the bid.
- b. **Projects included in this RFR will be funded through a variety of funding sources. Depending on funding source, Contractors will sign either a Massachusetts state contract or scope of service document. Either document shall be considered the binding document for that project.**
- c. The Contractor shall provide as surety a payment bond **in the amount of 50% of the contract price within 10 days of contract award.** The payment bond must be furnished to DFW in the form of a surety bond issued by a surety company; a certified, treasurer's or cashier's check drawn on a responsible bank or trust company payable to the awarding authority; or cash.
- d. The Contractor must notify the DFW representative prior to commencement of operations, even if a Notice to Proceed has been issued. Any work that is completed prior to notification is considered unauthorized and will not be paid for. A separate contract and Notice to Proceed will be issued for each fiscal year in which work will occur.
- e. All equipment operators are required to meet with a DFW representative to walk the entire project site prior to beginning work.
- f. Any accidents or injuries to workers, environmental accidents, or damage to public or private property associated with this project must be reported to DFW within 48 hours of the incident.
- g. Remobilization costs will be paid if poor weather and/or ground conditions require shut down of the operation for ≥ 3 business days and the machinery has been taken off-site. The Contractor must obtain DFW approval that operation shut down is required. If weather and/or ground conditions improve within 3 business days to allow completion of the project, DFW will not pay remobilization costs.
- h. The winning bidder(s) will be required to thoroughly clean the exterior, undercarriage, and tires/tracks of his/her equipment with a high pressure washer at a maintenance facility prior to bringing the equipment on site. Cleaning will substantially reduce the chance of spreading invasive exotic plants from a previous work site. Machinery that has not been cleaned in this manner will not be allowed on site. All mechanized equipment shall carry a working fire extinguisher at all times to be used in the event of a fire.
- i. The Contractor shall provide a valid certificate of insurance prior to beginning work. The Contractor indemnifies the Commonwealth from and against any liability for claims arising from the Contractors activities under the contract. The Contractor shall provide a certificate indicating a) comprehensive commercial general liability insurance, with coverage for bodily injury, wrongful death, and property damage in the amount of at least \$1,000,000 naming the Commonwealth as an additional insured regarding the work to be performed under this contract, and b) Workman's Compensation Insurance as required under Massachusetts law for all persons employed by the Contractor. Contractor shall provide Certificates of Insurance for all sub-Contractors evidencing the same coverage required of the Contractor or equivalent proof of self-insurance.

- j. The Contractor shall provide as surety a performance bond **in the amount of 10% of the contract price prior to beginning work** at each site. The performance bond must be furnished to DFW in the form of a surety bond issued by a surety company; a certified, treasurer's or cashier's check drawn on a responsible bank or trust company payable to the awarding authority; or cash.) [M.G.L. c. 149, §44A(2)(C) and M.G.L. c. 30, §39M(a)]. The performance bond shall be forfeited as liquidated damages if all contract provisions covered are not faithfully and fully performed by the Contractor. Should the amount of damages, as determined by DFW, exceed the amount of said bond, the Contractor agrees to pay the excess balance within 90 days. Otherwise, said bond will be returned to the Contractor after all terms of this contract are fulfilled to the satisfaction of DFW.
- k. Total payment for this project shall be agreed upon before any work is initiated. The agreed sum shall be stated in the Notice to Proceed. Payment shall be made as a lump sum payment upon determination by DFW of completion of work, or as agreed upon in the scope of services and payment plan, and shall be made by DFW within thirty (30) days of receipt of an invoice. This provision shall not apply if DFW notifies the Contractor of insufficiencies in the work or non-compliance with the contract terms within thirty (30) days of receipt of said invoice. If so notified, the invoice amount will not be remitted and no invoice or demand for payment will be accepted until the contract compliance has been met. Once compliance has been met, payment after resubmission of an invoice will be made within thirty (30) days.
- l. Contractors shall submit all certified payroll sheets for all employees employed at the work site with their request for payment for work completed.
- m. All persons employed by the Contractor shall have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration (OSHA) that is at least 10 hours in duration. Documentation of successful completion of said course shall be submitted with the certified payroll sheets for each employee.
- n. If, during the progress of the work, the contractor or the awarding authority discovers that the actual subsurface or latent physical conditions encountered at the site differ substantially or materially from those shown on the plans or indicated in the contract documents either the contractor or the contracting authority may request an equitable adjustment in the contract price of the contract applying to work affected by the differing site conditions. A request for such an adjustment shall be in writing and shall be delivered by the party making such claim to the other party as soon as possible after such conditions are discovered. Upon receipt of such a claim from a contractor, or upon its own initiative, the contracting authority shall make an investigation of such physical conditions, and, if they differ substantially or materially from those shown on the plans or indicated in the contract documents or from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the plans and contract documents and are of such a nature as to cause an increase or decrease in the cost of performance of the work or a change in the construction methods required for the performance of the work which results in an increase or decrease in the cost of the work, the contracting authority shall make an equitable adjustment in the contract price and the contract shall be modified in writing accordingly.

(1) The awarding authority may order the general contractor in writing to suspend, delay, or interrupt all or any part of the work for such period of time as it may determine to be appropriate for the convenience of the awarding authority; provided however, that if there is a suspension, delay or interruption for fifteen days or more or due to a failure of the awarding authority to act within the time specified in this contract, the awarding authority shall make an adjustment in the contract price for any increase in the cost of performance of this contract but shall not include any profit to the general contractor on such increase; and provided further, that the awarding authority shall not make any adjustment in the contract price under this provision for any suspension, delay, interruption or failure to act to the extent that such is due to any cause for which this contract provides for an equitable adjustment of the contract price under any other contract provisions.

(2) The general contractor must submit the amount of a claim under provision (a) to the awarding authority in writing as soon as practicable after the end of the suspension, delay, interruption or failure to act and, in any event, not later than the date of final payment under this contract and, except for costs due to a suspension order, the awarding authority shall not approve any costs in the claim incurred more than twenty days before the general contractor notified the awarding authority in writing of the act or failure to act involved in the claim.

- o. Any additional project costs or contract changes must be approved by the Division's Chief Financial Officer in writing.

Bidders' Conference:

A mandatory bidders conference will be held at the site at **9:30 am, Thursday, January 22, 2015**. Vendors who cannot attend the scheduled Bidder's Conference may schedule an alternative site visit date/time prior to the bid due date, but **MUST schedule the alternative site visit PRIOR TO the scheduled Bidder's Conference** so that all prospective bidders can be announced at the conference. Bids will not be accepted from vendors who do not attend a site visit.

Please contact Brian Hawthorne, 413-358-1644, prior to Bidder's Conference if alternative site visit is required

Directions: Meet on Old Northfield Road between Turners Falls Road and Lake Pleasant Road beneath the large powerline that crosses Old Northfield Road. ([Click here for a map](#)).

Bid Due Date:

Sealed Bids must be received, in writing, no later than 2:00 pm on Thursday, February 5, 2015, at which time they will be publicly opened and read.

INSTRUCTIONS FOR SUBMISSION OF RESPONSES:

- 1) All vendors must attend either the bidder's conference or a scheduled site visit to be eligible to bid.
- 2) Two complete paper copies of your response must be received, in writing, no later than **2 pm on Thursday, February 5, 2015** at which time bids will be publicly opened and read.

Submit responses to:

Division of Fisheries and Wildlife
Attn: Lori Cookman
1Rabbit Hill Rd
Westborough, MA 01581

On the outside of the envelope containing the two complete copies of your bid(s), clearly mark: Bid Documents Enclosed, DFW-2015-024: Brush Mowing and Wetland Restoration on the Montague Plains WMA.

All responses must include **two copies** of each of the documents listed below. **BE SURE TO INCLUDE ALL ITEMS LISTED HERE OR YOUR RESPONSE MAY BE FOUND TO BE INCOMPLETE AND NON-RESPONSIVE.**

- 1) Completed Mandatory Bid Sheet
- 2) Affidavit: Proposal for RFR DFW-2015-024: Brush Mowing and Wetland Restoration on the Montague Plains Wildlife Management Area
One copy must be notarized original.
- 3) Bid deposit in the amount of 5% of total bid price, payable to the Division of Fisheries and Wildlife, in the form of a surety bond issued by a surety company; a certified, treasurer's or cashier's check drawn on a responsible bank or trust company payable to the awarding authority; or cash. [M.G.L. c. 149, §44A(2)(C) and M.G.L. c. 30, §39M(a)]
- 4) Business Reference Form outlining the bidders experience for conducting the type of work described in this RFR with references.

Submit questions to: brian.hawthorne@state.ma.us

MANDATORY BID SHEETS

Contractors may bid on any or all treatments.

Project Costs:

Treatment 1– Brush Mowing & Mulching of 6-9 yr re-growth.

- 1. Brush mowing and mulching (Units M8-9, 78 acres): \$ _____
- 2. Equipment cleaning: \$ _____
- 3. Remobilization (if approved by DFW) \$ _____
- 4. Additional Costs* \$ _____
- 5. **Total Costs (add items 1-5, above)** **\$**
- 6. Logistics: List the **equipment and methods** proposed to complete this work:

Treatment 2– Brush Mowing & Mulching, immediately after tree cutting.

- 1. Brush mowing and mulching (Units M1-7, 209 acres): \$ _____
- 2. Equipment cleaning: \$ _____
- 3. Remobilization (if approved by DFW) \$ _____
- 4. Additional Costs* \$ _____
- 5. **Total Costs (add items 1-5, above)** **\$**
- 6. Logistics: List the **equipment and methods** proposed to complete this work:

Treatment 3– Brush Mowing & Mulching of Fuel Breaks.

1. Brush mowing and mulching (5000 linear feet): \$ _____
2. Equipment cleaning: \$ _____
3. Remobilization (if approved by DFW) \$ _____
4. Additional Costs* \$ _____
5. **Total Costs (add items 1-5, above)** **\$**
6. Logistics: List the **equipment and methods** proposed to complete this work:

Treatment 4– Wood Waste (Chip and Slash) Removal.

1. Removal and relocation of wood waste (300 cu. yds): \$ _____
2. Equipment cleaning: \$ _____
3. Remobilization (if approved by DFW) \$ _____
4. Additional Costs* \$ _____
5. **Total Costs (add items 1-5, above)** **\$**
6. Logistics: List the **equipment and methods** proposed to complete this work:

Treatment 5– Wetland and Stream Restoration.

- | | |
|---|---|
| 1. Grading and hand work (Unit W-10, 1,500 sq. ft.) | \$ _____ |
| 2. Equipment cleaning: | \$ _____ |
| 3. Remobilization (if approved by DFW) | \$ _____ |
| 4. Additional Costs* | \$ _____ |
| 5. Total Costs (add items 1-5, above) | \$ |
| 6. Logistics: List the equipment and methods proposed to complete this work: | |

***Please give a detailed description on a separate sheet of any additional costs associated with this project site that are not included in the Project Costs above, including site access improvements. DFW will only pay additional authorized costs specified in your response to this scope of services.**

Bid Deposit Calculation: Add the **Total Cost** for each treatment for which you are bidding to obtain your **Total Bid Price** . Multiply the your **Total Bid Price** by 0.05 (5%) to calculate the **Bid Deposit Amount**.

1) **Total Bid Price:** \$_____

(add up each total cost from the highlighted box on each bid sheet)

2) **5% Bid Deposit Amount:** \$_____

By signing below, the bidder certifies that he/she is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed in the work and that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least 10 hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee.

The undersigned further certifies under the penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this subsection the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity. The undersigned further certifies under penalty of perjury that the said undersigned is not presently debarred from doing public construction work in the commonwealth under the provisions of section twenty-nine F of chapter twenty-nine, or any other applicable debarment provisions of any other chapter of the General Laws or any rule or regulation promulgated thereunder.

Bidder's Information

Name (printed)		Signature	
Company		Date	
Street Address		Phone	
City, State, Zip Code		Email	

Signature conveys approval with all proposed bids and agreement with all terms set out in this Scope of Services.

AFFIDAVIT

State of _____
Date _____ 20____
County of _____

The undersigned being duly sworn, deposes and says that he is the

Sole owner; partner; president; treasurer or
other duly authorized official of a corporation

of _____, for work in

City/Town

Location

on _____
Date bids were open

and certifies that of his own knowledge, said bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract.

Signature and title of person making affidavit

Sworn to before me this

_____ day of _____ 20____.

Notary Public

At a duly authorized meeting of the Board of Directors of the

(Name of Corporation)

held on _____ at which all the Directors were present or
(Date)

waived notice, it was VOTED, that _____,
(Name)

_____, of this company and he hereby is
(Officer)

authorized to execute contracts and bonds in the name and behalf of said company,
and affix its corporate seal thereto; and such execution of any contract or obligation
on this company's name on its behalf by such _____
(Officer)

under seal of the company, shall be valid and binding upon this company.

A true copy,

ATTEST: _____

Place of business:

Date of the Contract: _____

I hereby certify that I am the clerk of the _____

that _____ is duly elected _____

of said company, and that the above vote has not been amended or rescinded
and remains in full force and effect as of the date of this contract.

_____ Corporate Seal

Fig. 1 Montague Plains WMA Locus Map

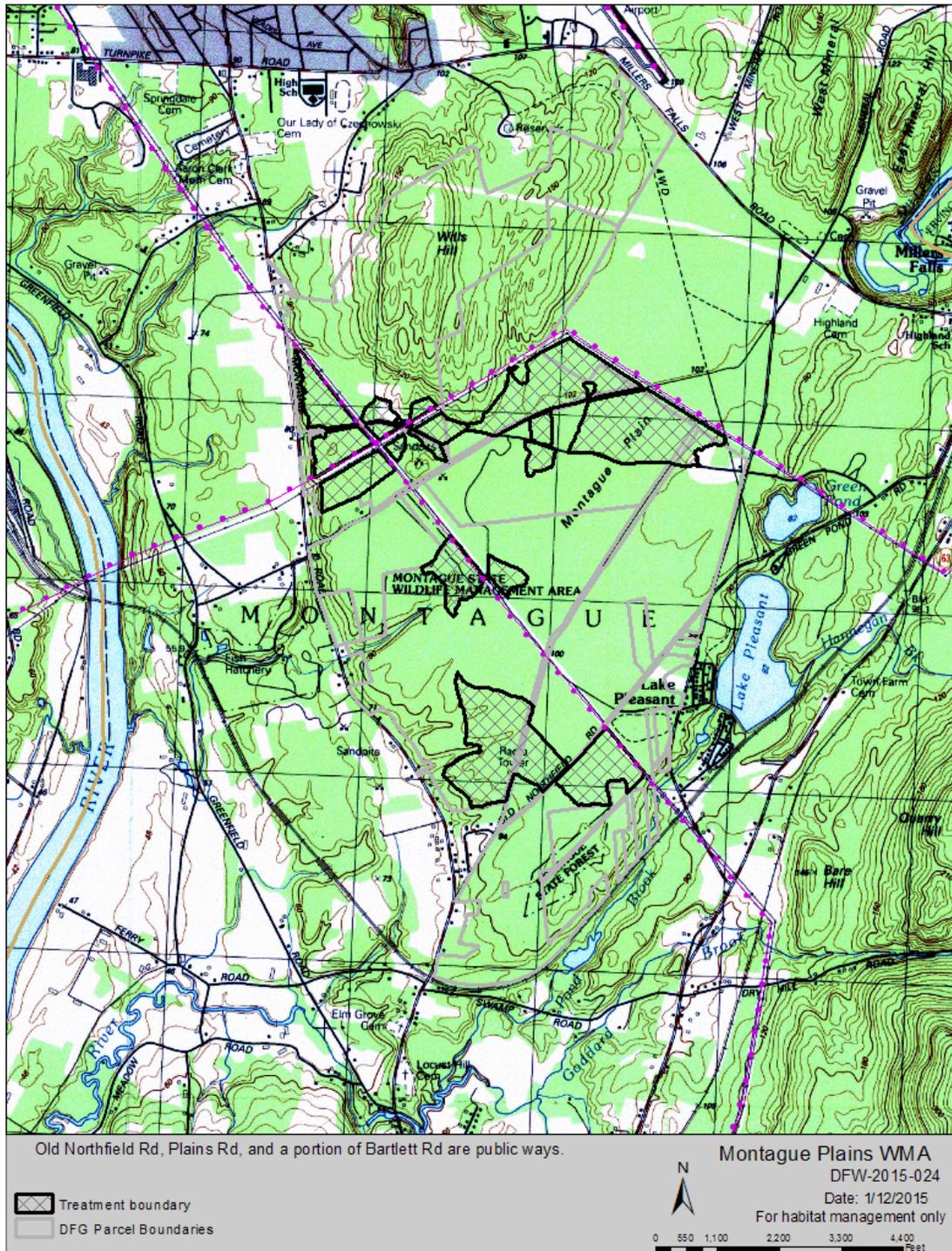


Fig. 2 Montague Plains WMA Treatment Units (contours)

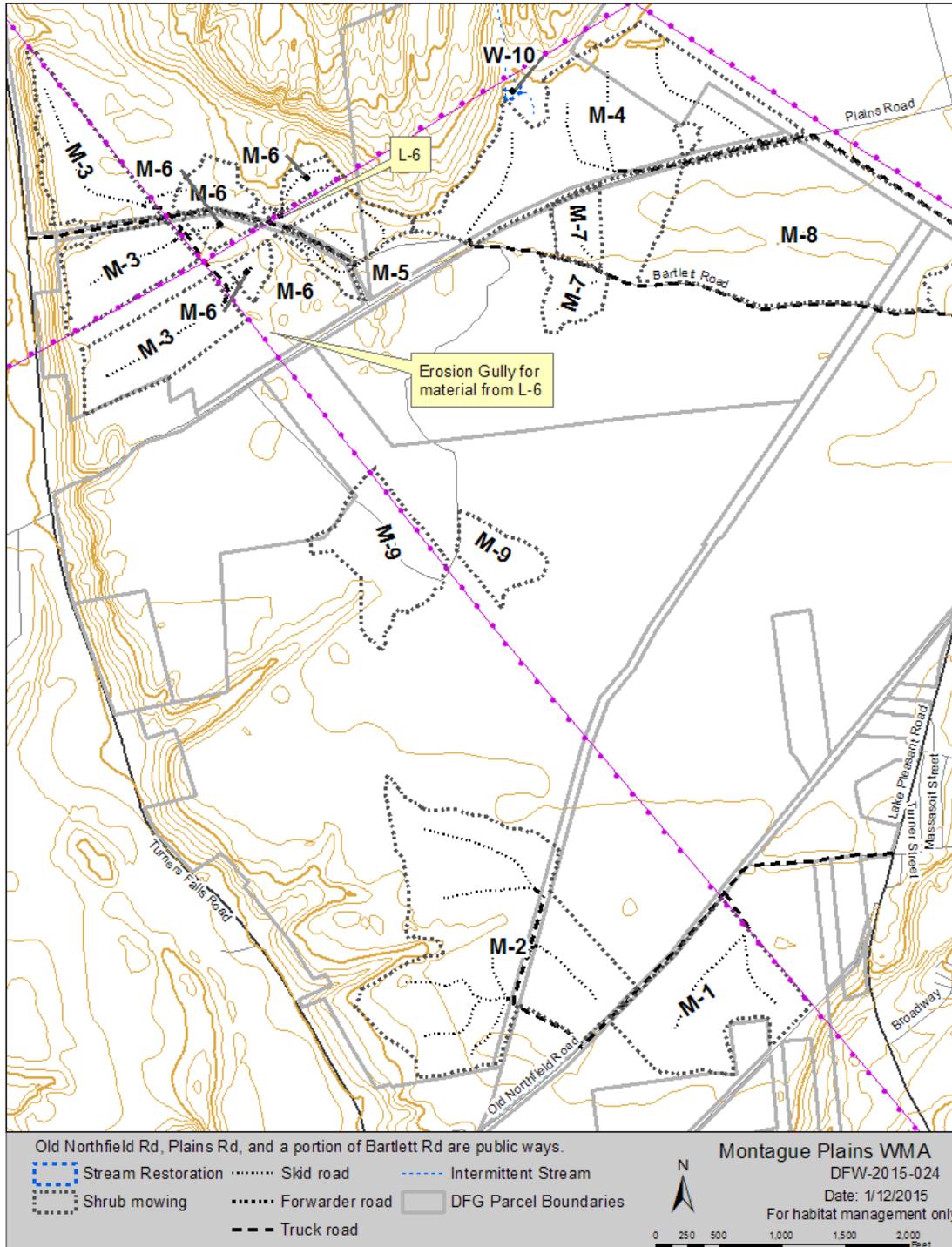


Fig. 3 Montague Plains WMA Treatment Units (aerial photo)



Appendix I: Directions:

Montague Plains WMA, Montague:

From the East:

Take Route 2 West through Erving, then follow signs to Route 63 South.

Follow Route 63 through Millers Falls.

Bear right onto W Main St, then bear right onto Millers Falls Rd.

After 0.8 miles, turn left onto Lake Pleasant Rd.

Go 1.6 miles, turn right onto Northfield Rd.

After a quarter of a mile, bear left onto Old Northfield Rd.

The meeting place is the intersection of Old Northfield Road with the powerline right of way.

From the South:

Take I-91 North to exit 24, for US-5/MA-10 toward Deerfield.

After the exit, take the first right onto MA-116.

Take MA-116 S for 1.8 miles, then turn left onto MA-47 N.

Take MA-47 N for 4.7 miles, then continue straight onto Main St.

Follow Main St through Montague Center for 1.4 miles, then continue onto Turners Falls Rd.

After 0.7 miles, take a slight right onto Old Northfield Rd.

After 0.8 miles, the meeting place is the intersection of Old Northfield Road with the powerline right of way.

Appendix II: Draft Restoration Notice of Intent

Begins on following page.



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number
Montague

City/Town

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Note:
Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

A. General Information

1. Project Location (**Note:** electronic filers will click on button to locate project site):

Off Plains Road Montague 01351
a. Street Address b. City/Town c. Zip Code
Latitude and Longitude:
42.573882 -72.529345
d. Latitude e. Longitude
192 115.1
f. Assessors Map/Plat Number g. Parcel /Lot Number

2. Applicant:

Tim Simmons
a. First Name b. Last Name
Mass. DFW, Natural Heritage and Endangered Species Program
c. Organization
1 Rabbit Hill Road
d. Street Address
Westborough MA 01581
e. City/Town f. State g. Zip Code
508-389-6325 508-389-7891 tim.simmons@state.ma.us
h. Phone Number i. Fax Number j. Email Address

3. Property owner (required if different from applicant): Check if more than one owner

a. First Name b. Last Name
Commonwealth of Massachusetts, Division of Fisheries and Wildlife
c. Organization
241 Causeway Street
d. Street Address
Boston MA 02114
e. City/Town f. State g. Zip Code

h. Phone Number i. Fax Number j. Email address

4. Representative (if any):

Craig MacDonnell
a. First Name b. Last Name
Commonwealth of Massachusetts, Division of Fisheries and Wildlife
c. Company
241 Causeway Street
d. Street Address
Boston MA 02114
e. City/Town f. State g. Zip Code
617-626-1574 617-626-1517 craig.macdonnell@state.ma.us
h. Phone Number i. Fax Number j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

a. Total Fee Paid b. State Fee Paid c. City/Town Fee Paid



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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A. General Information (continued)

6. General Project Description:

Resource Improvement. Simple grading to repair hydrologic connection between small intermittent stream and small (<1 acre) adjacent wetland, restore wetland conditions, enhance habitat, and eliminate or minimize future roadway erosion and maintenance.

7a. Project Type Checklist: (Limited Project Types see Section A. 7b.)

- 1. Single Family Home
- 2. Residential Subdivision
- 3. Commercial/Industrial
- 4. Dock/Pier
- 5. Utilities
- 6. Coastal engineering Structure
- 7. Agriculture (e.g., cranberries, forestry)
- 8. Transportation
- 9. Other

7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological Restoration Limited Project) subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. Yes No If yes, describe which limited project applies to this project. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)

2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

8. Property recorded at the Registry of Deeds for:

Franklin	
a. County	b. Certificate # (if registered land)
3520	104
c. Book	d. Page Number

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

- 1. Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
- 2. Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.



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B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input checked="" type="checkbox"/> Bank	-100 1. linear feet	+200 2. linear feet
b. <input checked="" type="checkbox"/> Bordering Vegetated Wetland	-200 1. square feet	+40,000 2. square feet
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	_____ 1. square feet _____ 3. cubic yards dredged	_____ 2. square feet

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input type="checkbox"/> Bordering Land Subject to Flooding	_____ 1. square feet _____ 3. cubic feet of flood storage lost	_____ 2. square feet _____ 4. cubic feet replaced
e. <input type="checkbox"/> Isolated Land Subject to Flooding	_____ 1. square feet _____ 2. cubic feet of flood storage lost	_____ 3. cubic feet replaced
f. <input type="checkbox"/> Riverfront Area	_____ 1. Name of Waterway (if available)	

2. Width of Riverfront Area (check one):

- 25 ft. - Designated Densely Developed Areas only
- 100 ft. - New agricultural projects only
- 200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project: _____ square feet

4. Proposed alteration of the Riverfront Area:

_____	_____	_____
a. total square feet	b. square feet within 100 ft.	c. square feet between 100 ft. and 200 ft.

5. Has an alternatives analysis been done and is it attached to this NOI? Yes No

6. Was the lot where the activity is proposed created prior to August 1, 1996? Yes No

3. Coastal Resource Areas: (See 310 CMR 10.25-10.35)



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B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	_____	
	1. square feet	

	2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	_____	_____
	1. square feet	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	_____	_____
	1. square feet	2. cubic yards dune nourishment
	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	_____	
	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	_____	
	1. square feet	
h. <input type="checkbox"/> Salt Marshes	_____	_____
	1. square feet	2. sq ft restoration, rehab., creation
i. <input type="checkbox"/> Land Under Salt Ponds	_____	
	1. square feet	

	2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	_____	
	1. square feet	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	

	1. cubic yards dredged	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	_____	
	1. square feet	

4. Restoration/Enhancement
If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.

_____ a. square feet of BVW _____ b. square feet of Salt Marsh

5. Project Involves Stream Crossings

_____ a. number of new stream crossings _____ b. number of replacement stream crossings



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C. Other Applicable Standards and Requirements

- This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Notice of Intent – Required Actions (310 CMR 10.11).

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

- Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/priority_habitat/online_viewer.htm.

- a. Yes No **If yes, include proof of mailing or hand delivery of NOI to:**

**Natural Heritage and Endangered Species Program
Division of Fisheries and Wildlife
1 Rabbit Hill Road
Westborough, MA 01581**

- Oct. 2008
b. Date of map

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.C, and include requested materials with this Notice of Intent (NOI); OR complete Section C.1.d, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

- 1c. Submit Supplemental Information for Endangered Species Review*

- Percentage/acreage of property to be altered:

(a) within wetland Resource Area	<u>200 square feet</u> percentage/acreage
(b) outside Resource Area	<u>1060 square feet</u> percentage/acreage

2. Assessor's Map or right-of-way plan of site

- Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **
 - Project description (including description of impacts outside of wetland resource area & buffer zone)
 - Photographs representative of the site

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <http://www.mass.gov/dfwele/dfw/nhesp/nhesp.htm>, regulatory review tab). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

** MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.



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C. Other Applicable Standards and Requirements (cont'd)

(c) MESA filing fee (fee information available at http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_fee_schedule.htm).
Make check payable to "Commonwealth of Massachusetts - NHESP" and **mail to NHESP** at above address

Projects altering 10 or more acres of land, also submit:

(d) Vegetation cover type map of site

(e) Project plans showing Priority & Estimated Habitat boundaries

(f) OR Check One of the Following

1. Project is exempt from MESA review.
Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/mesa/mesa_exemptions.htm; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. Separate MESA review ongoing. _____ a. NHESP Tracking # _____ b. Date submitted to NHESP

3. Separate MESA review completed.
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

3. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?

a. Not applicable – project is in inland resource area only

b. Yes No If yes, include proof of mailing or hand delivery of NOI to either:

South Shore - Cohasset to Rhode Island, and the Cape & Islands:

North Shore - Hull to New Hampshire:

Division of Marine Fisheries - Southeast Marine Fisheries Station
Attn: Environmental Reviewer
1213 Purchase Street – 3rd Floor
New Bedford, MA 02740-6694

Division of Marine Fisheries - North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.



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Provided by MassDEP:
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Montague
City/Town

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

C. Other Applicable Standards and Requirements (cont'd)

4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
- a. Yes No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.
-
- b. ACEC
5. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?
- a. Yes No
6. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?
- a. Yes No
7. Is this project subject to provisions of the MassDEP Stormwater Management Standards?
- a. Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
1. Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
 2. A portion of the site constitutes redevelopment
 3. Proprietary BMPs are included in the Stormwater Management System.
- b. No. Check why the project is exempt:
1. Single-family house
 2. Emergency road repair
 3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

- This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

1. USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
2. Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:
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D. Additional Information (cont'd)

3. Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.

4. List the titles and dates for all plans and other materials submitted with this NOI.

_____ a. Plan Title

_____ b. Prepared By

_____ c. Signed and Stamped by

_____ d. Final Revision Date

_____ e. Scale

_____ f. Additional Plan or Document Title

_____ g. Date

5. If there is more than one property owner, please attach a list of these property owners not listed on this form.

6. Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.

7. Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.

8. Attach NOI Wetland Fee Transmittal Form

9. Attach Stormwater Report, if needed.

E. Fees

1. Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

_____ 2. Municipal Check Number

_____ 3. Check date

_____ 4. State Check Number

_____ 5. Check date

_____ 6. Payor name on check: First Name

_____ 7. Payor name on check: Last Name



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F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

1. Signature of Applicant

2. Date

3. Signature of Property Owner (if different)

4. Date

5. Signature of Representative (if any)

6. Date

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Applicant Information

1. Location of Project:

Off Plains Road	Montague
a. Street Address	b. City/Town
_____	_____
c. Check number	d. Fee amount
_____	_____

2. Applicant Mailing Address:

_____	_____	
a. First Name	b. Last Name	
_____	_____	
c. Organization		

d. Mailing Address		

_____	_____	_____
e. City/Town	f. State	g. Zip Code
_____	_____	_____
_____	_____	_____
h. Phone Number	i. Fax Number	j. Email Address

3. Property Owner (if different):

_____	_____	
a. First Name	b. Last Name	
_____	_____	
c. Organization		

d. Mailing Address		

_____	_____	_____
e. City/Town	f. State	g. Zip Code
_____	_____	_____
_____	_____	_____
h. Phone Number	i. Fax Number	j. Email Address

B. Fees

Fee should be calculated using the following process & worksheet. **Please see Instructions before filling out worksheet.**

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
Resource Improvement	1	\$110	\$110
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Step 5/Total Project Fee:			\$110
Step 6/Fee Payments:			
Total Project Fee:			\$110
State share of filing Fee:			EXEMPT
City/Town share of filing Fee:			\$57.50
			a. Total Fee from Step 5
			b. 1/2 Total Fee less \$12.50
			c. 1/2 Total Fee plus \$12.50

C. Submittal Requirements

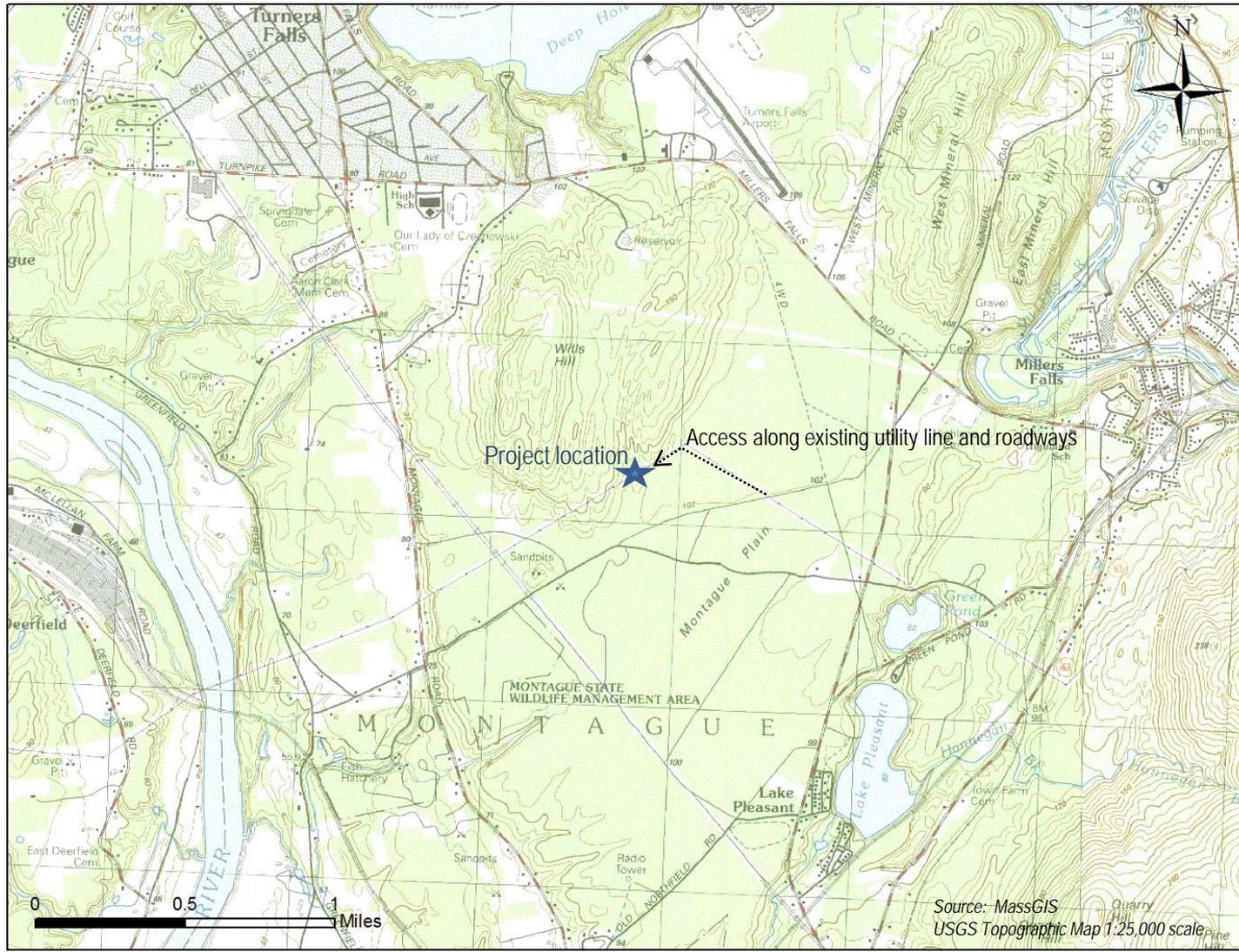
- a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection
 Box 4062
 Boston, MA 02211

- b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

Montague Plains Wildlife Management Area (Montague) Wetland Restoration Project



Sheet 1: Overview and Access

Project Proponents:

MA DFG Division of Fisheries and
Wildlife (landowner)
MA DFG Division of Ecological
Restoration

Project Goals:

1. Repair the hydrologic connection between a small intermittent stream and small (less than 1 acre) adjacent wetland area.
2. Restore wetland conditions and enhance habitat
3. Eliminate or minimize future roadway erosion and maintenance

Project Objectives:

1. Re-open natural hydrologic connection using mechanical and hand methods.
2. Mechanically grade a ford in the existing unimproved access road to pass water and also accommodate expected off-road vehicle use.
3. Close existing ditch during grading work.
4. Install secondary berm across ditch.

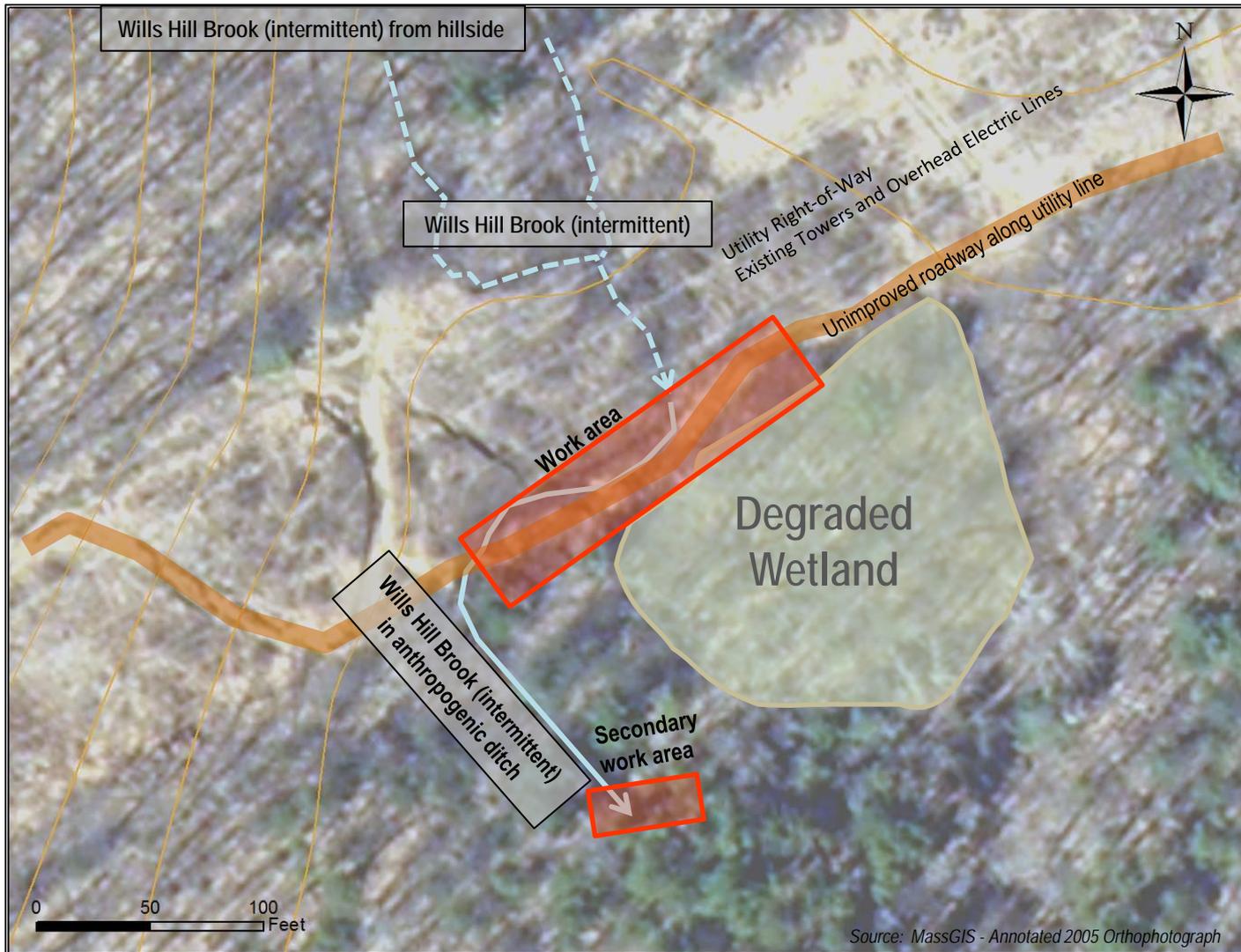


MASSACHUSETTS DEPARTMENT OF FISH AND GAME
Division of
Ecological
Restoration



Preliminary Design Plans – For Project Permitting

Sheet 2: Existing Conditions



Description: Wills Hill Brook flows seasonally from the hillside toward the unimproved utility line access road. Unauthorized ATV use within the access road has diverted the brook and eliminated the hydrologic connection to the southern abutting wetland. Water is further diverted to the south along a human-made ditch. Approximately 900 feet south, the ditch meets Plains Road. Seasonal flows within the roadway cause on-going source of maintenance issues.

Proposal: To restore the hydrologic connection to the degraded wetland (shown right) through simple grading. The proposed work is expected to increase soil moisture and help transition the area back to dominant wetland plant communities over time, provide habitat for local wildlife, increase local groundwater recharge, and eliminate existing roadway flooding and maintenance issues.

Wetland Resource Area	Temporary Impact	Permanent Change
Bank	100 feet (closure of existing stream diversion)	+100 feet (closed diversion impacts 100 feet of bank and restored connection to original streambed restores 200 feet of bank)
Bordering Vegetated Wetland	200 square feet	+ 40,000 square feet (restored wetland area)



Prepared by:
Brian Hawthorne, DFW Habitat Biologist
Alex Hackman, DER Restoration Specialist
Tim Simmons, NHESP Restoration Ecologist



Source: MassGIS - Annotated 2005 Orthophotograph

Sheet 3: Proposed Conditions

Description: Grade roadway to form a ford passable by unauthorized vehicle use (i.e. ATVs) and convey seasonal flows into the restored wetlands. Eliminate existing water diversion along roadway.

Approximate Grading Details:

Length: 28 yards

Width: 5 yards

Height: 1.5 yards

Total Volume: 210 cubic yards

Fill Source: Local borrow from upland disturbed areas

Sequence of Work:

1. Mobilization to site
2. Open blocked connection to wetland area
3. Grade left side sloping away from stream
4. Close right channel and divert water into wetland
5. Grade right side sloping away from stream
6. Install secondary berm to redirect water from ditch
7. Cleanup and demobilization from site

Construction Notes:

- Work is expected to take 1 to 2 days with oversight by MA Department of Fish and Game
- Future condition of the ford and hydrologic connection to be monitored by MA Division of Fisheries and Wildlife
- Minor re-grading to be performed as needed to address potential damage by unauthorized vehicle traffic
- Work to avoid existing utility towers and lines (suspended overhead)



Prepared by:
 Brian Hawthorne, DFW Habitat Biologist
 Alex Hackman, DER Restoration Specialist
 Tim Simmons, NHESP Restoration Ecologist